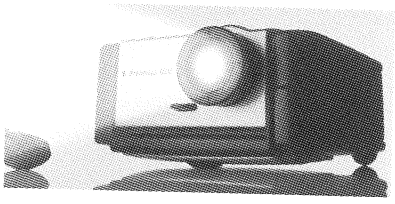
Portable LCD projector

Service
Servic
Servic

LC4750

Manual 7600



Service Manual

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PHILIPS

1. Safety guidelines

IMPORTANT SAFETY NOTICE

Proper service and repair is important to the safe, reliable operation of all Philips Consumer Electronics Company Equipment. The service procedures recommended by Philips and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.**

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It also is important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. Philips could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, Philips has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by Philips must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

** Hereafter throughout this manual, Philips Consumer Electronics Company will be referred to as Philips.

WARNING

Critical components having special safety characteristics are identified with an ⚠ by the Ref. No. in the parts list and enclosed within a broken line* (where several critical components are grouped in one area) along with the safety symbol ⚠ on the schematics or exploded views.

Use of substitute replacement parts which do not hav
the same specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from Philips. Philips assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

* Broken Line — • — • — • — • — • —

2. Specifications

Technical specifications

Brightness : 750 ANSI Lm for LC4750
1000 ANSI Lm for LC4750B

Contrast : 170:1

Lamp : UHP compact 120W;
End user replaceable
: 4000 hours

Lens : F2.0 - 2.7; f = 50 - 75 mm
: Manual zoom x1.5; Manual focus
: Projection distance 1 - 20 m;
Diagonal (18-27)" - (345-519)"
: Keystone correction: 6 degrees TELE
9 degrees WIDE

LCD : 3x 1.3" HT Poly Silicon Active Matrix for LC4750
: 3x 1.3" HT with µlens for LC4750B
: 2.359.296 pixels, RGB stripe (1024*768)

Input/Output capability

INPUT SIGNALS

Video : NTSC-M (3.58), NTSC 4.43; PAL-B/G, PAL-N, PAL-M; Secam

Data 1 and 2 : PC and MAC compatible, Multi scan, SXGA, XGA, S-VGA, VGA via LIMESCO full screen VGA/SVGA display; Auto identification
Hor. scan rate up to 80 kHz;
Vert. refresh rate up to 75 Hz.

Power In : 100 - 127 V / 200 - 240 V (switchable); 50/60 Hz; 190 W

INPUT CONNECTIONS

Video : S-Video (Y/C DIN); Video (Cinch); Stereo Audio (2x Cinch)

Data 1 and 2 : 15 pin mini sub-D; PC Stereo Audio (M3)

Mains : Mains input socket (3 pin)

OUTPUT CONNECTIONS

Audio : Stereo line output (2x Cinch)

DC Out : 12V DC out for accessories

Data 1 and 2 : Serial mouse (RS232 and ADB)

Special features

- Philips LIMESCO (LIne MEmory Scan COnverter) inside for full automatic Multi Scan data input handling, VGA up to SXGA resolutions without information loss
- UHP lamp; 4000 hour lamp life
- Full PC control via ergonomic trackball IR Remote Control supports 360 degree control of projector
- Intuitive Graphic User Interface offering: Display and Audio controls, colour point adjustment, 3 personal preference settings, front/rear screen projection (horizontal mirror function)
- Fully Plug and Play compatible (VESA standard DDC 1/2B)
- Line doubling technique for perfect video performance
- Built-in loudspeaker for Multi-Media presentations
- Low noise fan

Product dimensions
- 330 x 165 x 330 mm (WxHxD)
- 13 x 6.5 x 13 inch (WxHxD)

Weight Nett.
- 7.5 kg/17 lbs

Package
- ProScreen 4750 or 4750B
- VGA cable + MAC adapter
- Mouse cable set (for RS232 and ADB)
- Video/audio cable (Cinch cable)
- SCART-CINCH adapter
- Power cord
- Remote Control + 3x AA batteries
- User guide (in 8 languages)

Versions

LC4750/17/37 USA versions
LC4750/40/60 All other countries

Optional accessories:
- UHP 120W Projection lamp
- Hand Carrying Case
- Soft Carrying Bag
- Extra Remote Control
- Ceiling/wall mount

Picture size:

Distance	Diagonal	Width
1 m	0.44 - 0.66 m	0.35 - 0.53 m
5 m	2.2 - 3.3 m	1.8 - 2.6 m
12 m	5.3 - 7.9 m	4.2 - 6.3 m
20 m	8.8 - 13.2 m	7.10 - 10.5 m

3. Warnings and Notes

Warnings

1. Safety regulations require that the unit should be returned in its original condition and that components identical to the original components are used. The safety components are indicated by the symbol ⚠.

2. **ESD**
All ICs and many other semiconductors are sensitive to electrostatic discharges (ESD). Careless handling during repair can drastically shorten the life. Make sure that during repair you are connected by a pulse band with resistance to the same potential as the earth of the unit. Keep components and tools also at this same potential.

3. When repairing a unit, always connect it to the mains voltage via an isolating transformer.
The lamp supply and the lamp housing are not mains isolated.

4. Be careful when taking measurements in the high-voltage section.

5. Never replace modules or other components while the unit is switched on.

6. When making settings, use plastic rather than metal tools. This will prevent any short circuits and the danger of a circuit becoming unstable.

7. After repair the wiring should be fastened once more in the cable clamps for this purpose.

8. In order to prevent measuring errors, the heat sinks should not be used as reference points for measurements.

9. The Lamp house and the lamp get hot during operation. Please ensure that they are cooled down before servicing.

10. The lighthouse (optical part) is extremely sensitive to dust. This part should only be opened in a dust-free environment (class 100 according to the US federal standard 209).

Notes

1. The direct voltages and oscillograms should be measured with regard to earth (⊥), or hot earth (⊥↯) as this is called.

2. The direct voltages and oscillograms shown in the diagrams should be measured:
   - For testpoints Txxxx VIDE; using a video colour bar.
   - For testpoints Txxxx DATA; using a data greyscale.
   - For testpoints Txxxx DRB; using an internal greyscale.
   - For testpoints Txxxx AUD; using an audio signal of 1 kHz.

3. The semiconductors indicated in the circuit diagram and in the parts lists are completely interchangeable per position with the semiconductors in the unit, irrespective of the type indication on these semiconductors.

4. Mechanical instructions

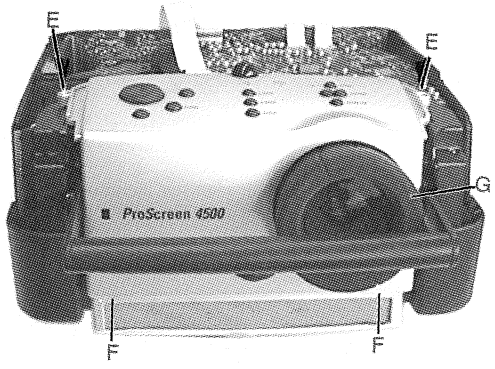
4.1 Top cover removal

Put the projector upside down on a soft surface.
Remove the rubber feet A using a torkx T10 screwdriver and remove the screw covers B with a small flatblade screwdriver.

Remove the 4 screws C using a long flatblade or torkx T10 screwdriver.
Turn the projector up and remove the top.

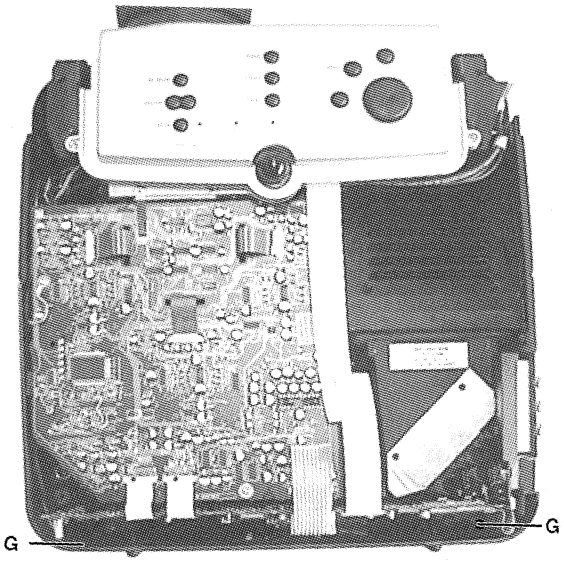
4.2 Front removal

To remove the front, remove the 2 screws E in the top, and 2 screws F under the front. Slide the rubber ring G from the lens, and take of the front.

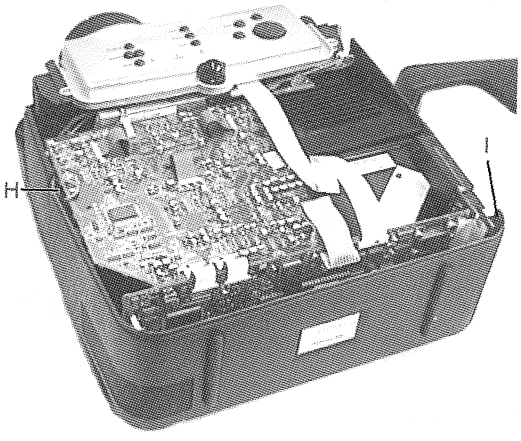


4.3 Rear cover removal

To remove the rear cover, unscrew the 2 screws G fixing it.



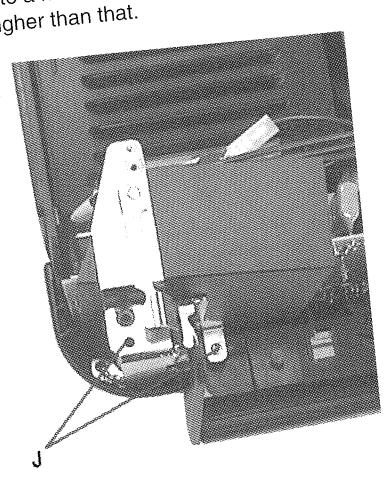
Lift up the cover at point H, and remove it while turning it backwards and lifting point I.



4.4 Removing the handle brackets

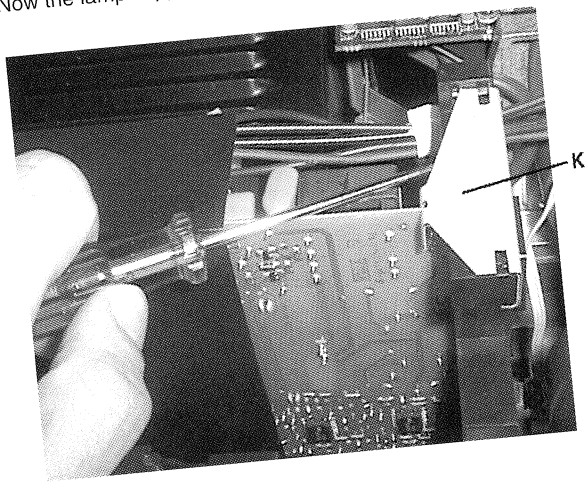
Remove the 2 screws J fixing each bracket and take out the brackets with the handle.

When remounting the handle
make sure it is mounted in the correct position. In this position it can be lifted to a horizontal position. In the wrong position it can be lifted higher than that.



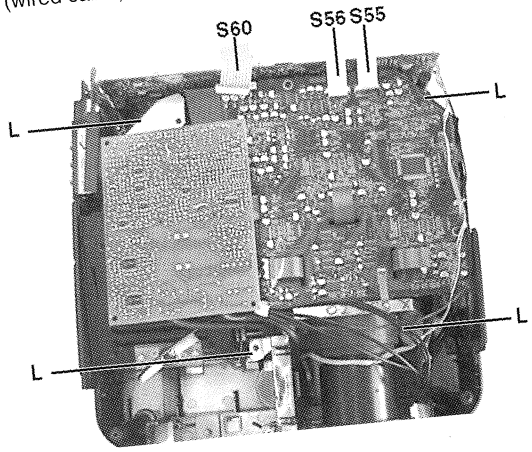
4.5 Removing the lamp supply

Using a screwdriver resting on the lamp supply, lift the metal bracket K mounted on the foot.
Now the lamp supply can be lifted out of it's slots.

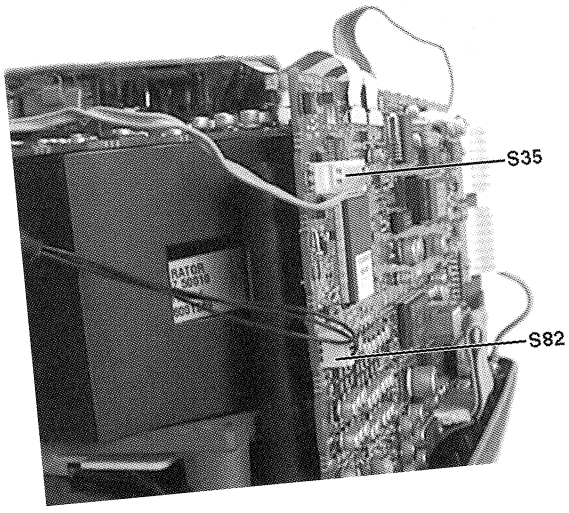


4.6 Lighthouse removal

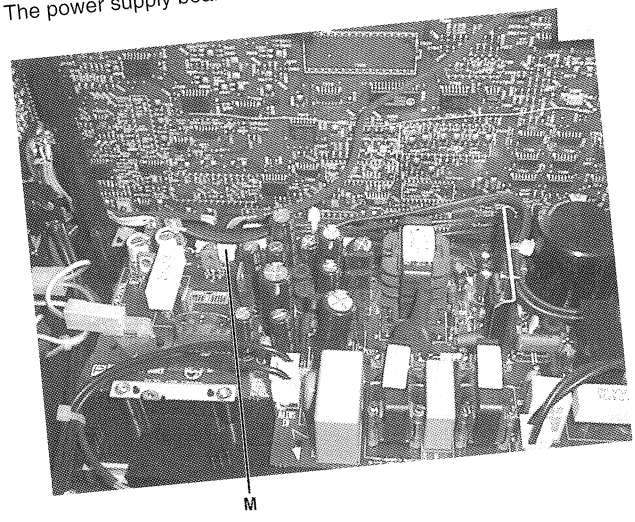
Remove the 4 screws L fixing the lighthouse. The lighthouse can now be lifted out of the cabinet.
Loosen connectors S55 and S56 (flatcables) and connector S60 (wired cable) on the top of the Small Signal Board.



If necessary remove the 2 connectors S35 and S82 on the side of the Small Signal Board.

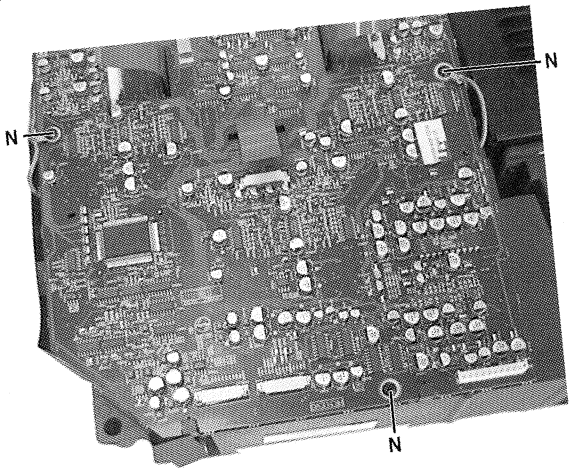


While lifting it remove the fan cable M still plugged into the power supply board.
The power supply board is now accessible.

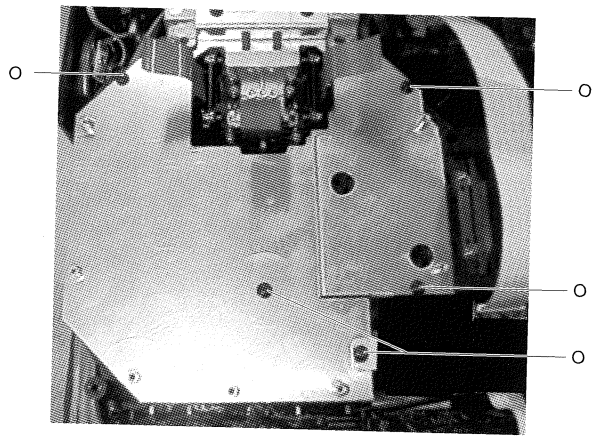


4.7 Opening the lighthouse

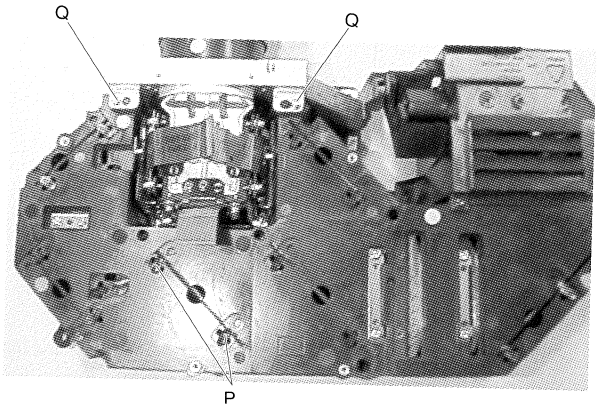
Remove the 3 screws N fixing the Drive Board.



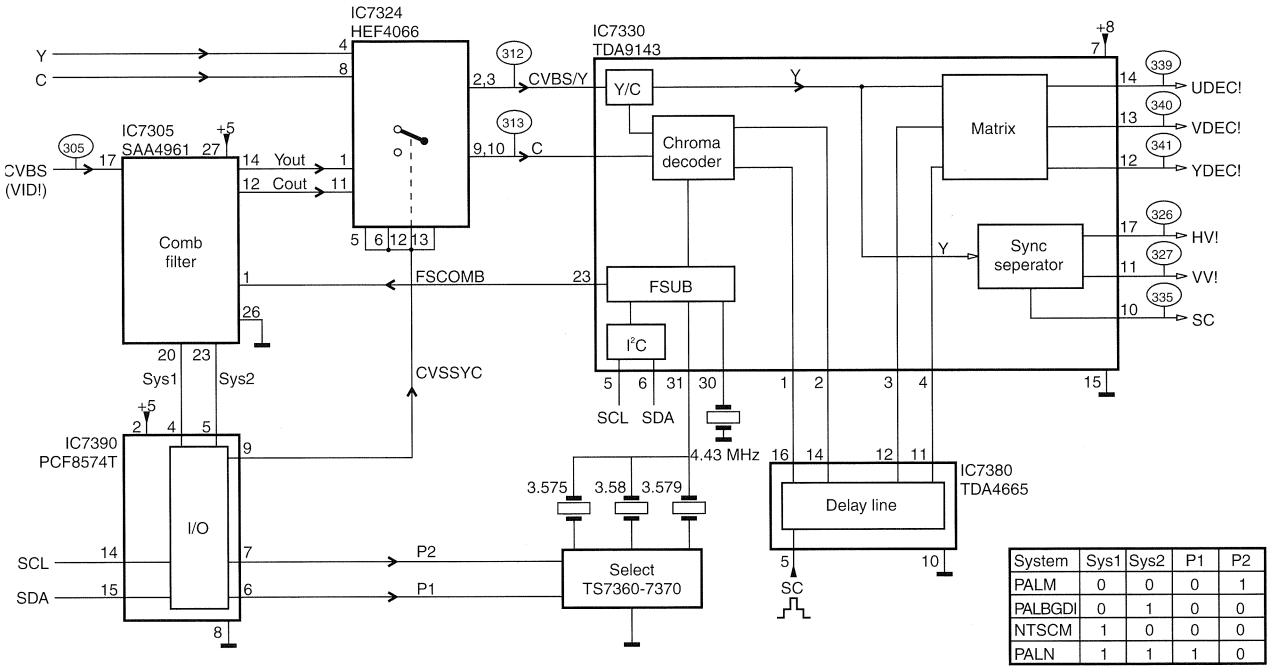
Remove the 5 screws O fixing the lighthouse cover.



The lighthouse parts are now accessible.
The mirrors can be removed from the top by opening locks P at the top and bottom.
The recombination unit can be removed by removing 2 screws Q at the top, and 1 screw at the bottom.



S3 SMALL SIGNAL BOARD



System	Sys1	Sys2	P1	P2
PALM	0	0	0	1
PALBGDI	0	1	0	0
NTSCM	1	0	0	0
PALN	1	1	1	0

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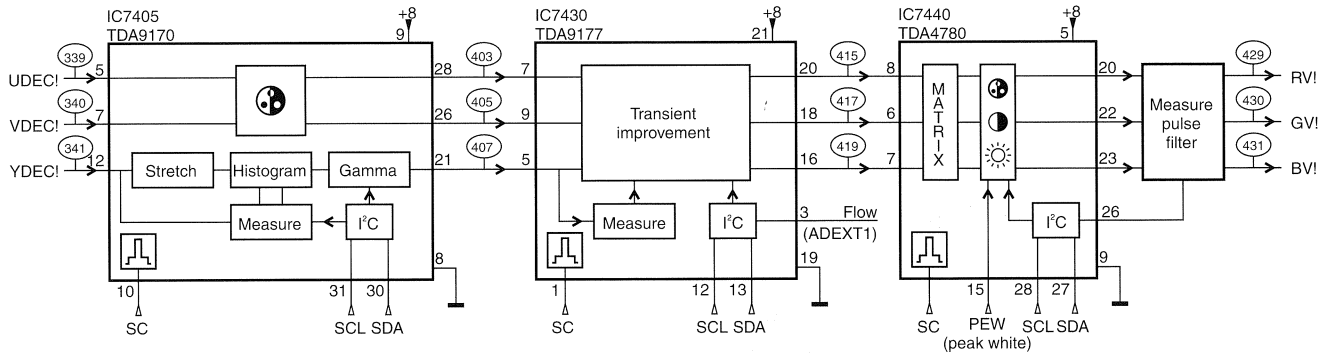
S4 SMALL SIGNAL BOARD



HISTOGRAM MODIFICATION

LUMINANCE TRANSIENT IMPROVEMENT

VIDEO CONTROL

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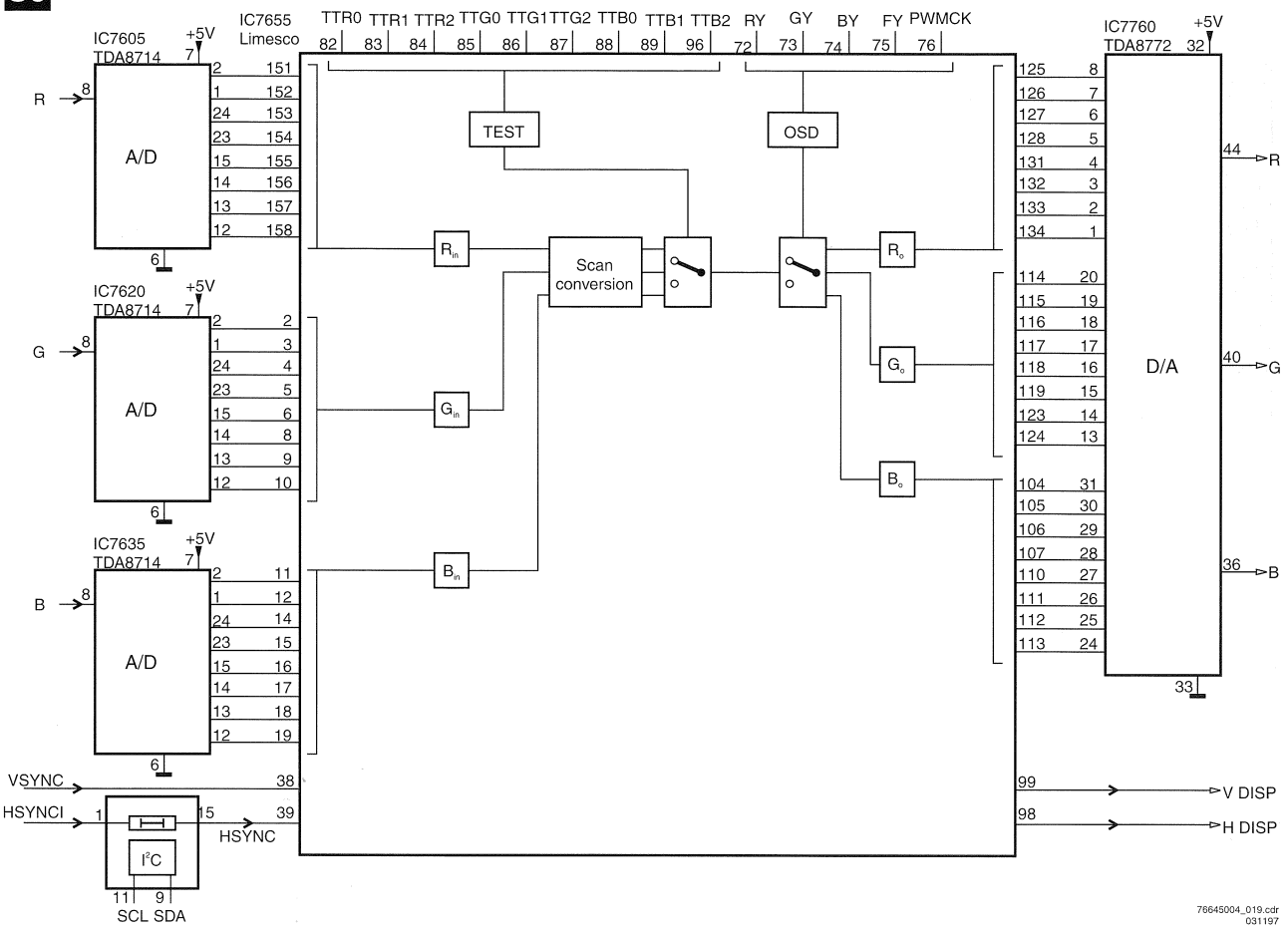
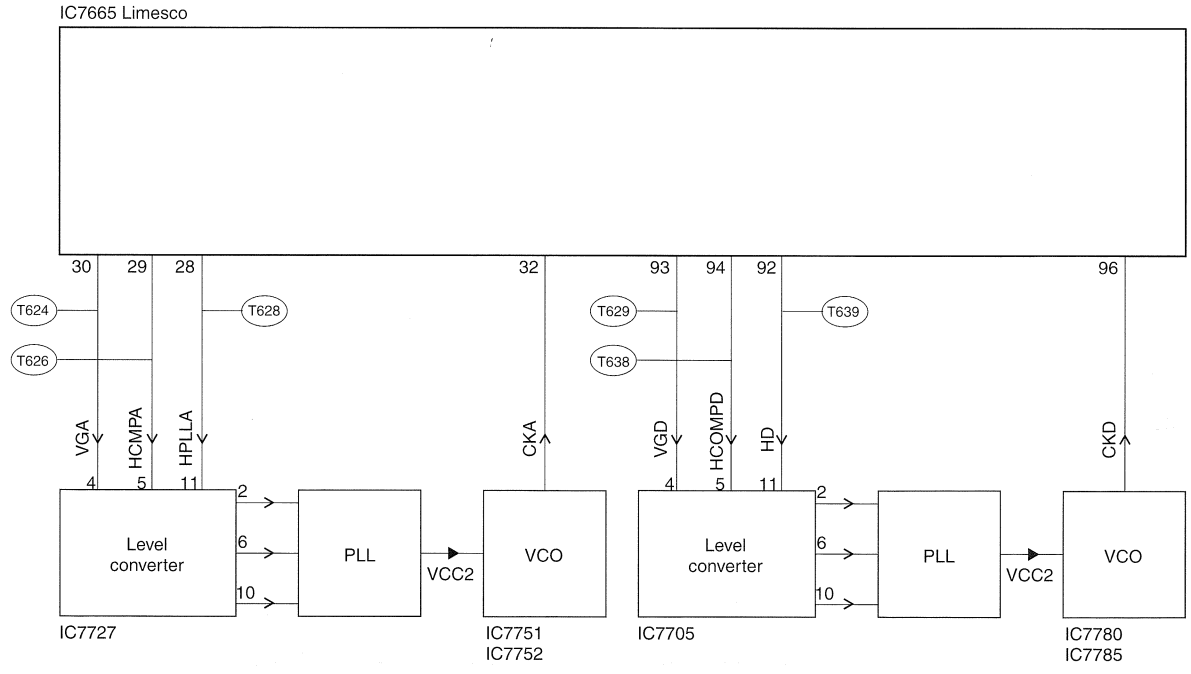
Block diagrams

S6 SSB



S6



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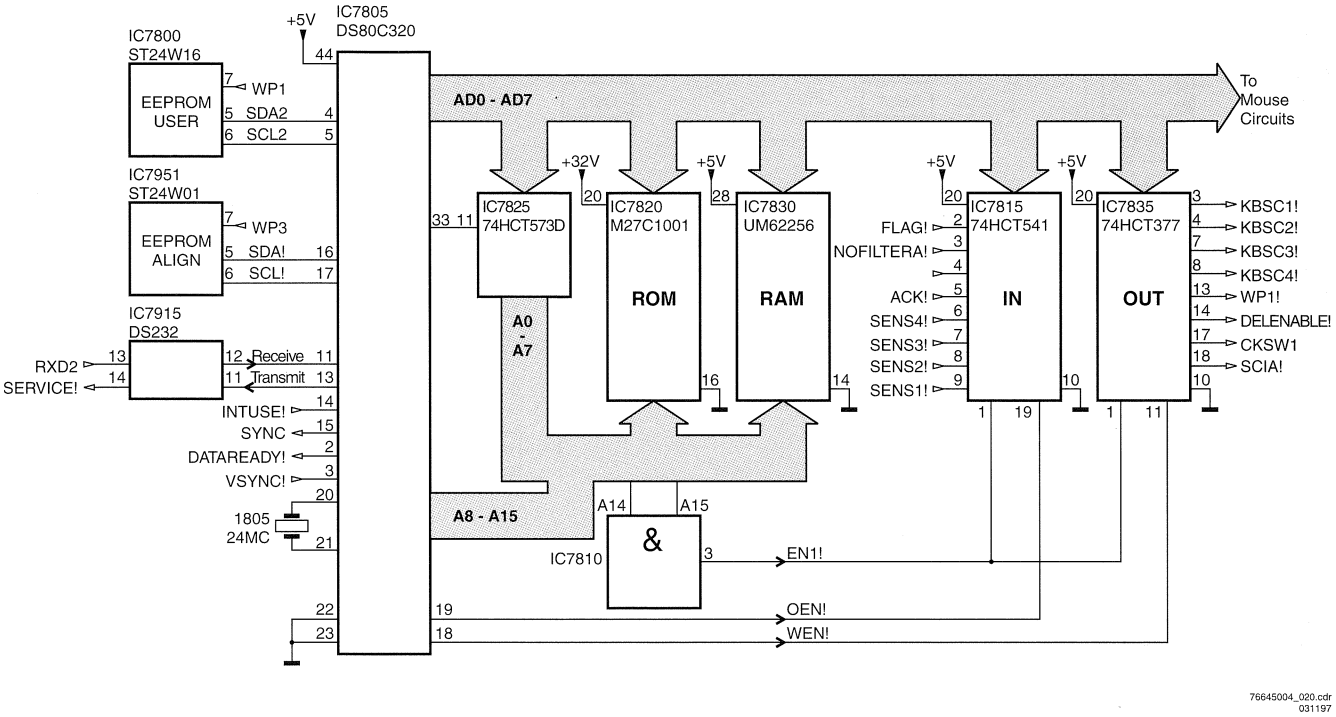
S8 SMALL SIGNAL BOARD



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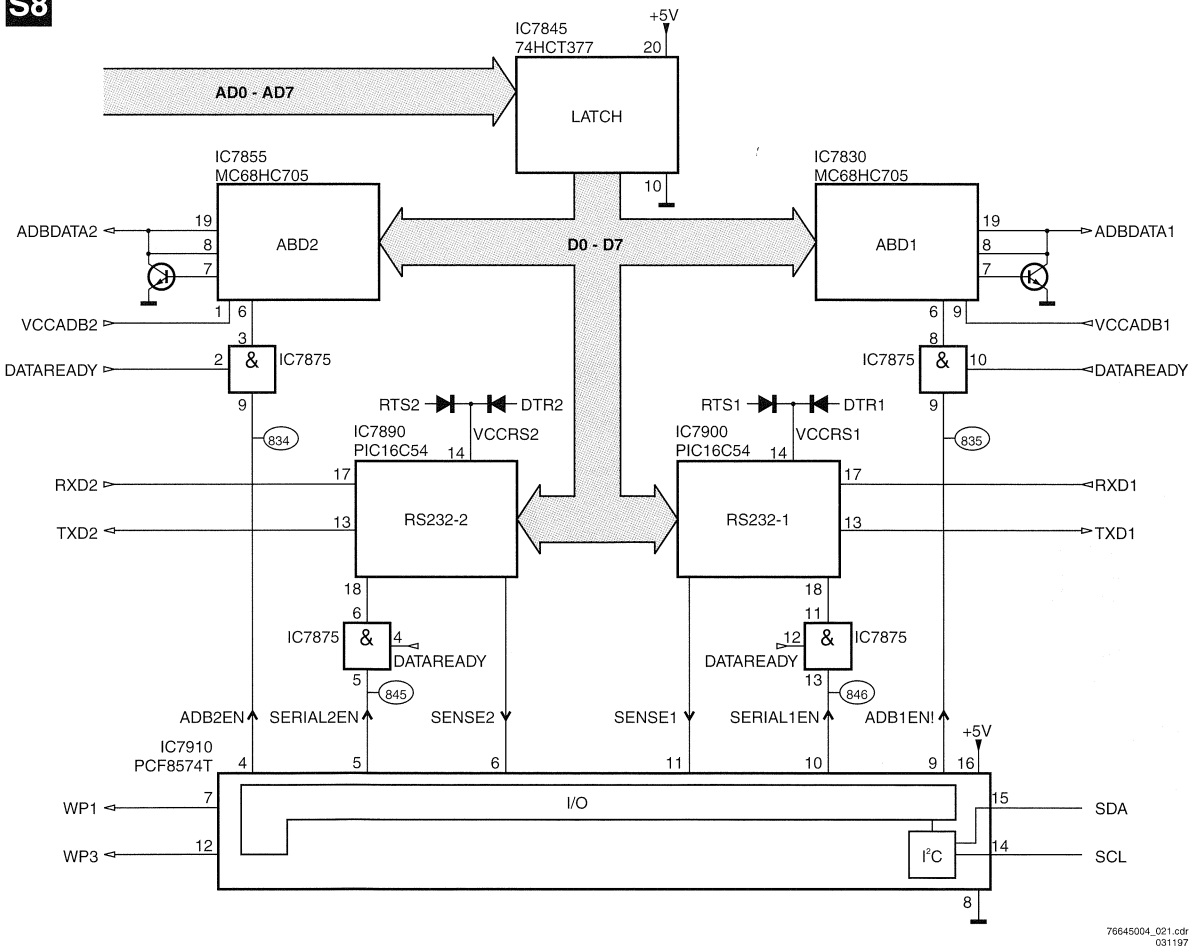
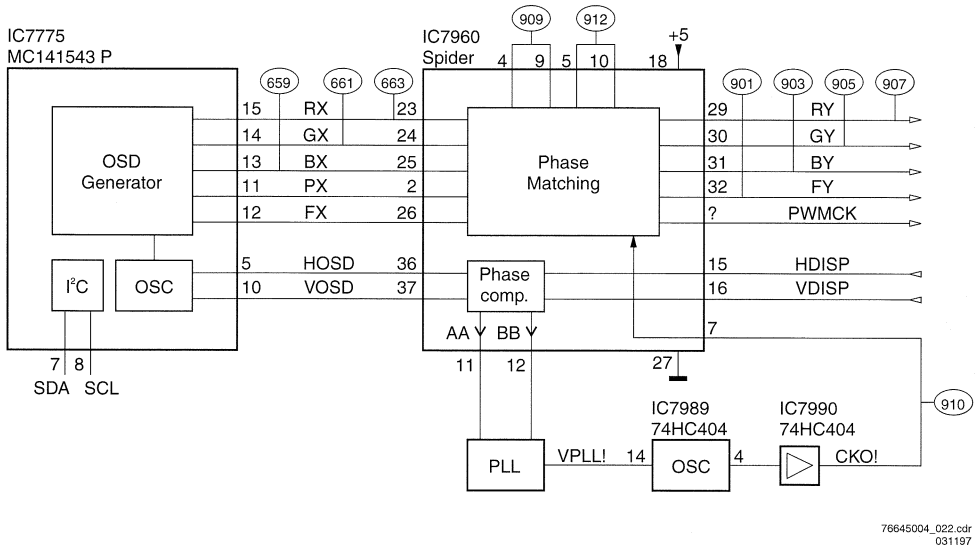
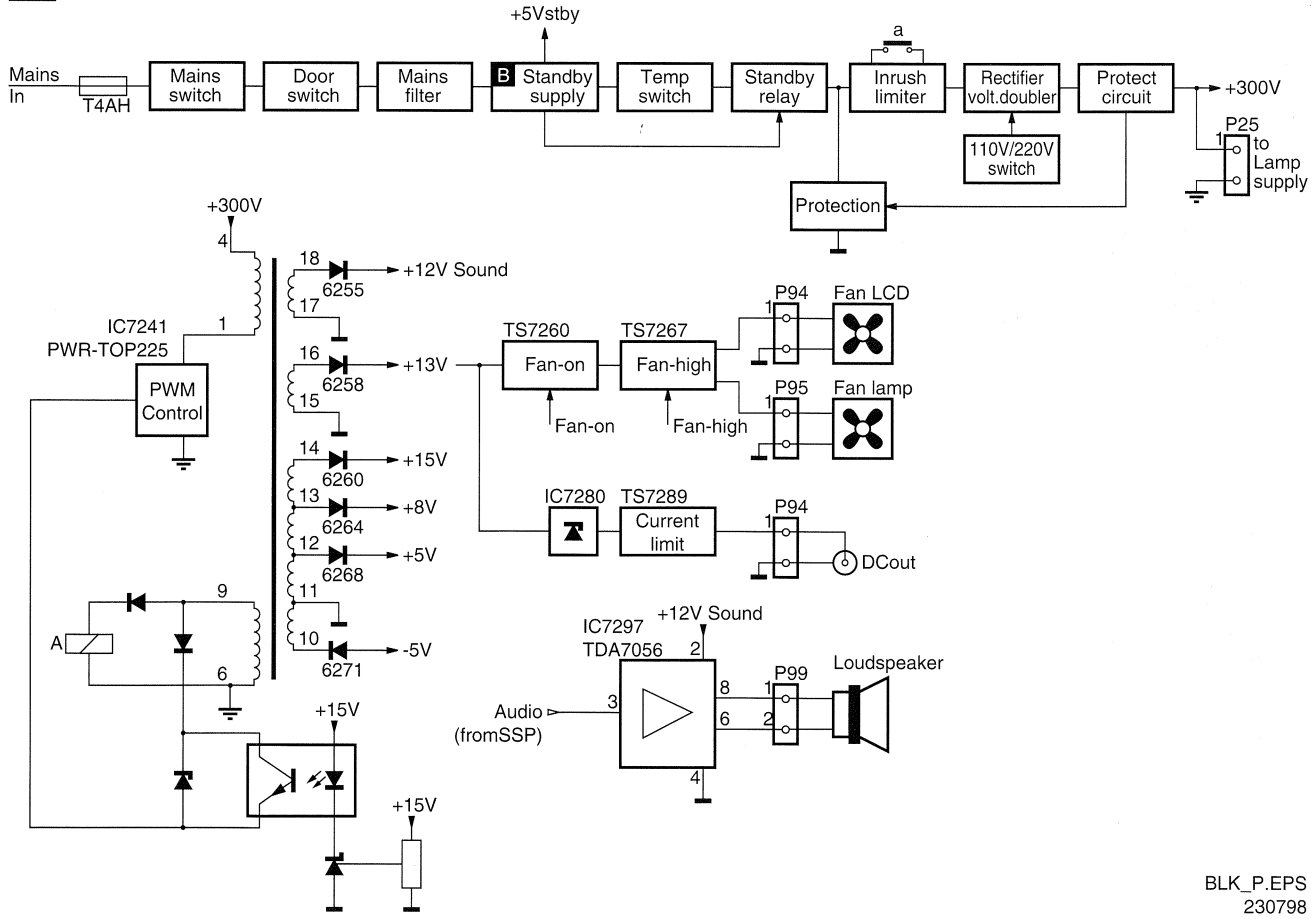


Block diagrams

S9 SMALL SIGNAL BOARD



P POWER SUPPLY



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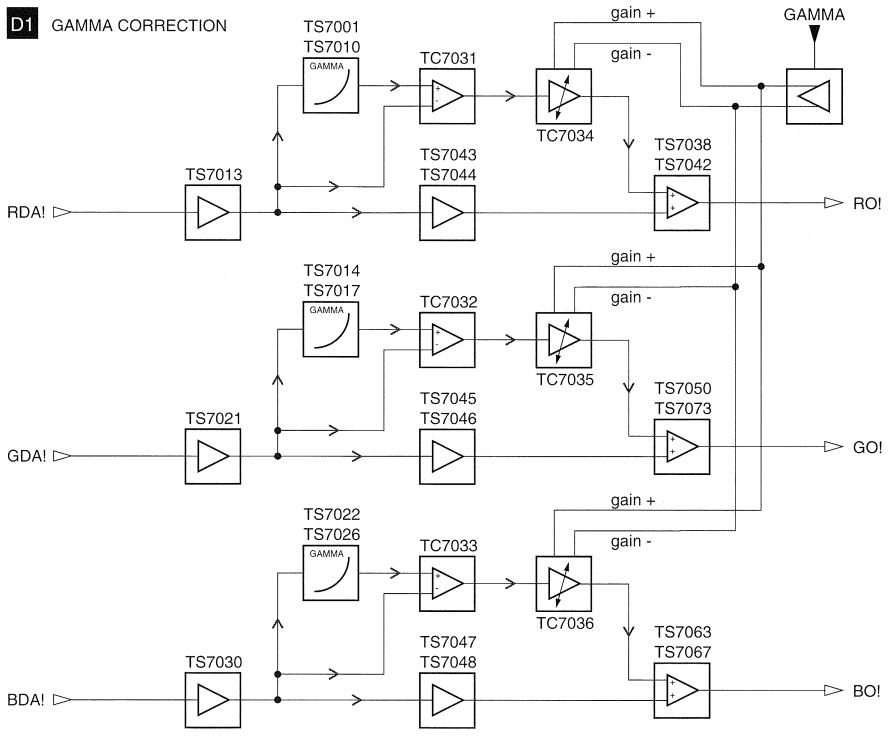
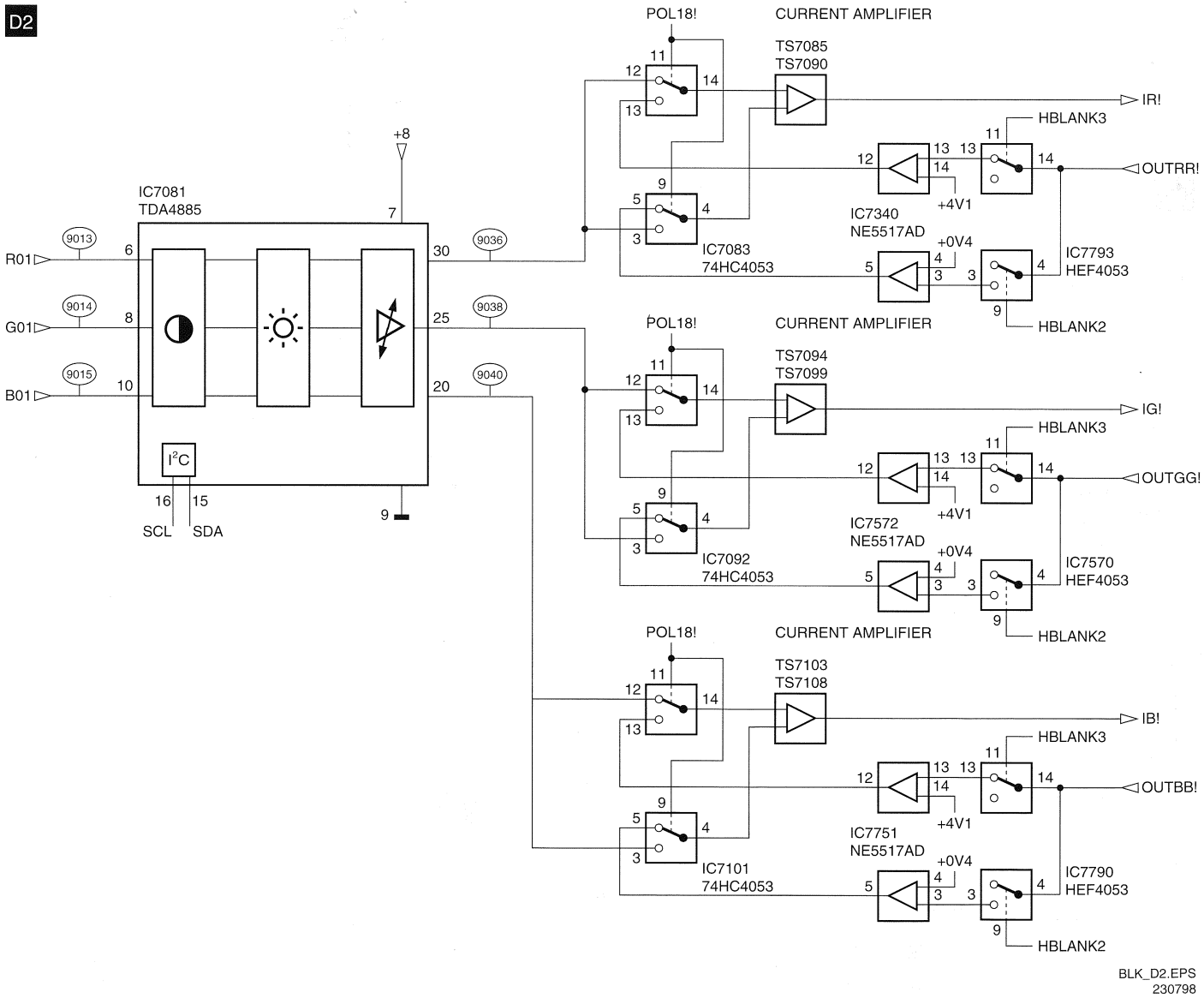
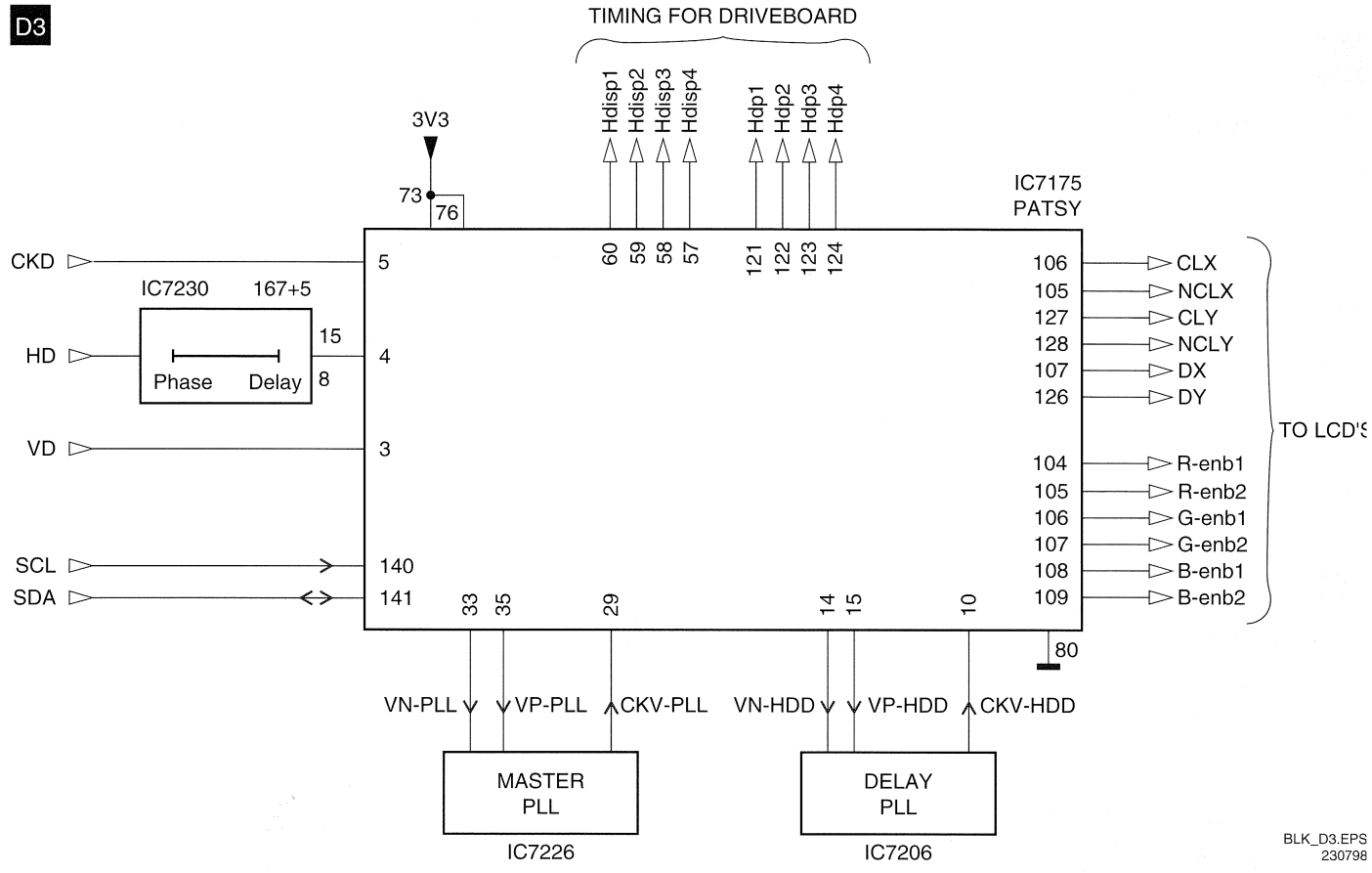
D1 GAMMA CORRECTION

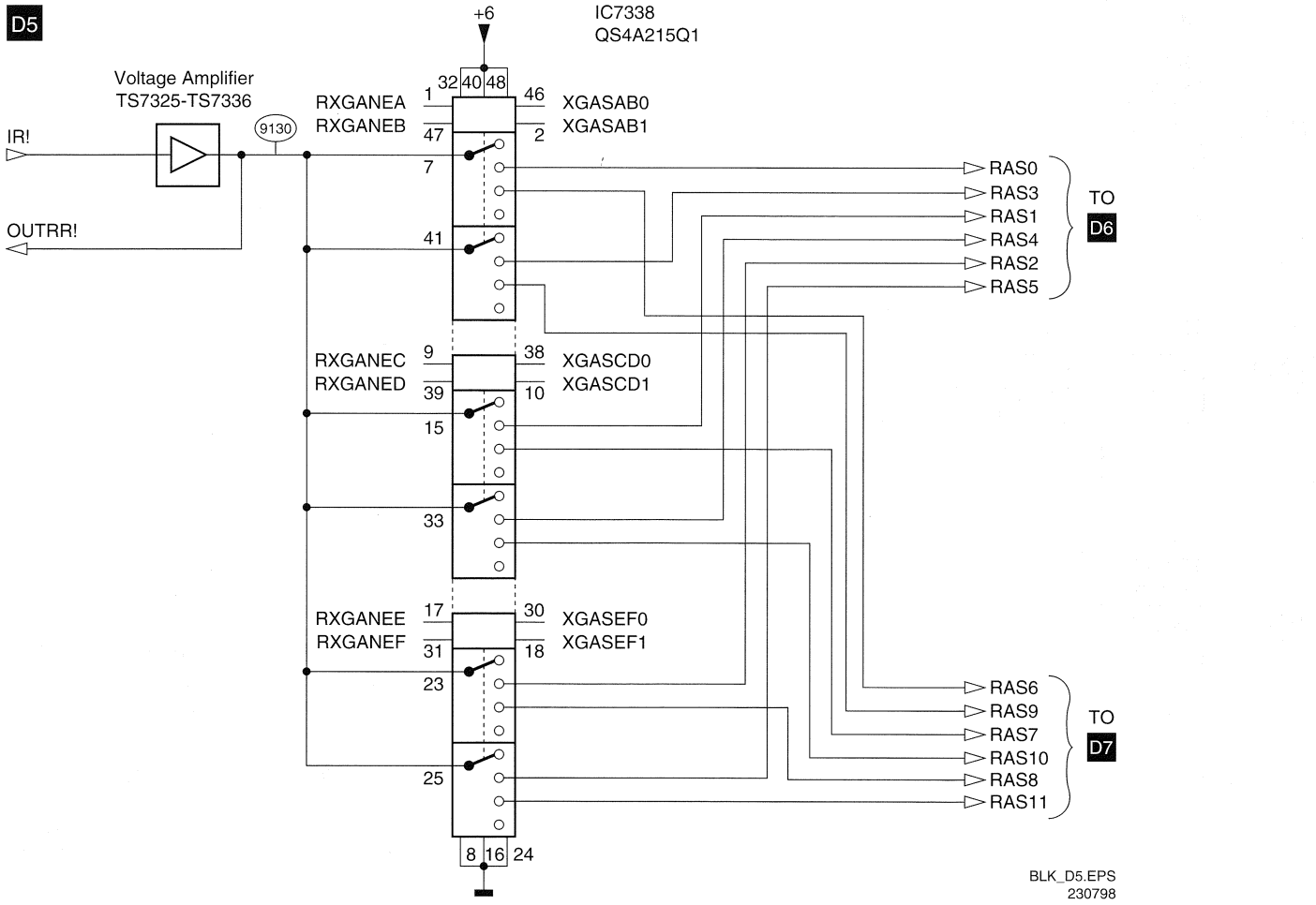


D2

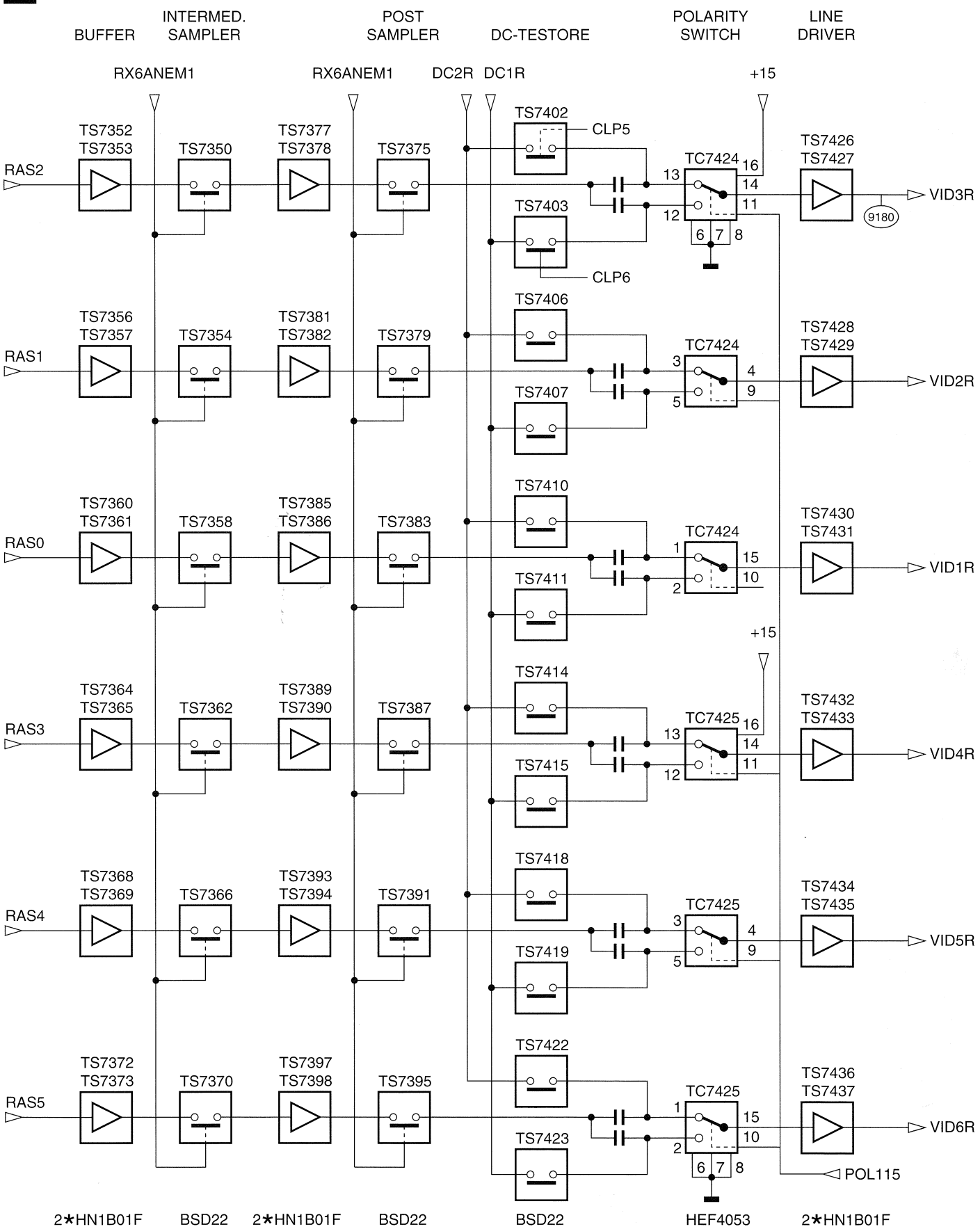


Block diagrams





D6



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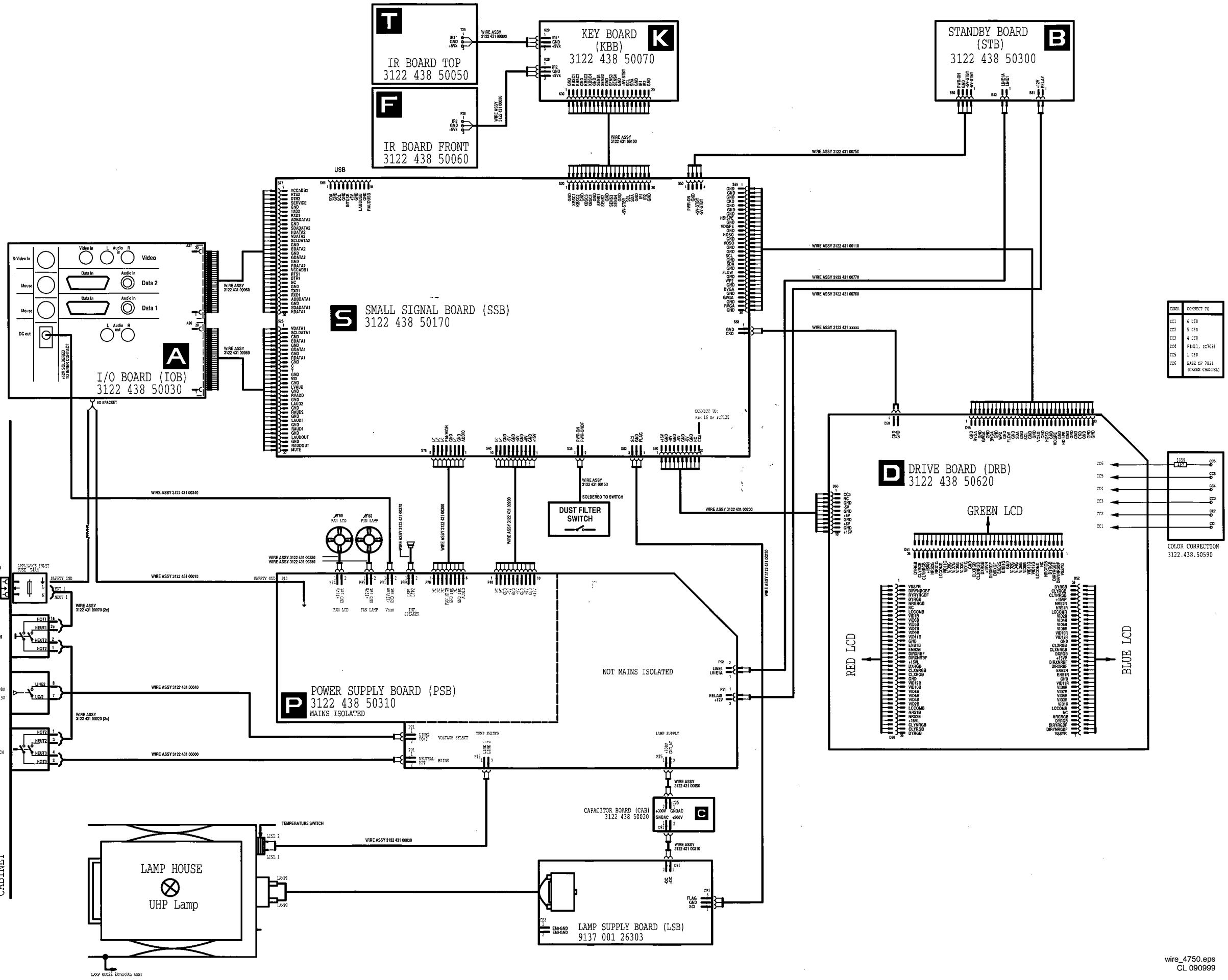
Wiring diagram



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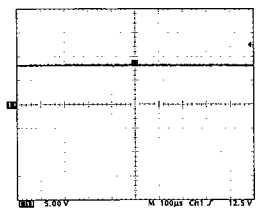
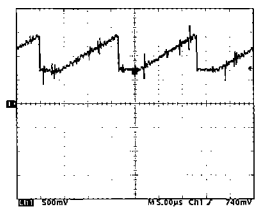
Oscillograms

T9002 DRB



T9009 DRB



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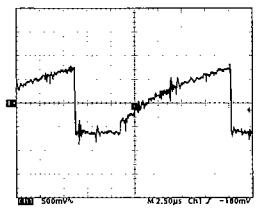

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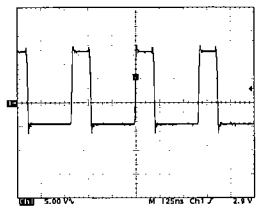

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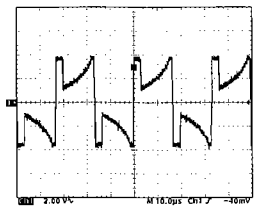
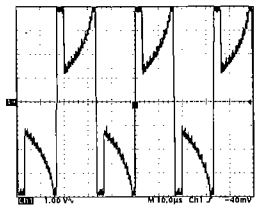


T9590 DRB



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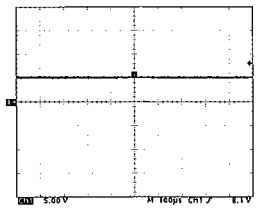

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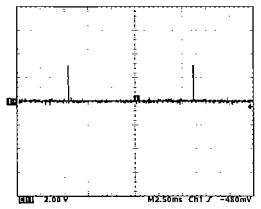

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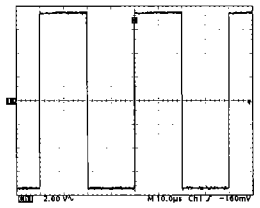

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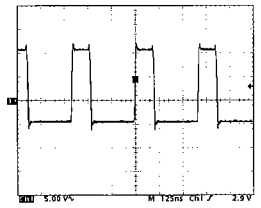

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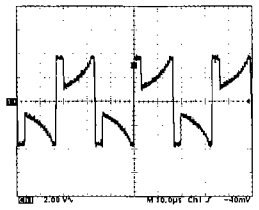
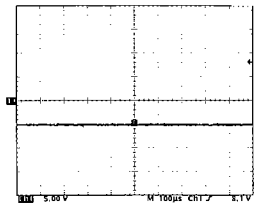
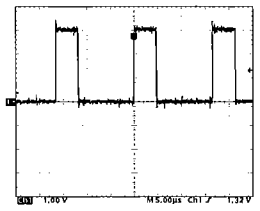


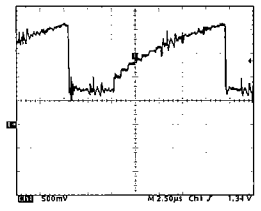
T9004 DRB



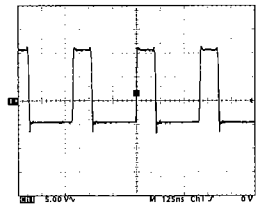
T9011 DRB



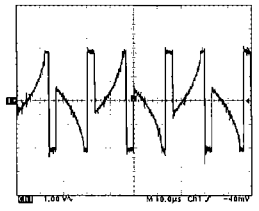
T9038 DRB



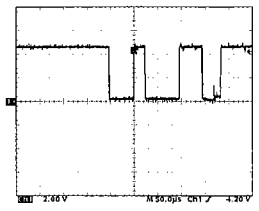
T9105 DRB



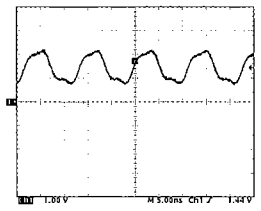
T9280 DRB



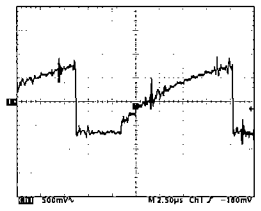
T9005 DRB



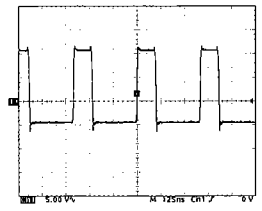
T9012 DRB



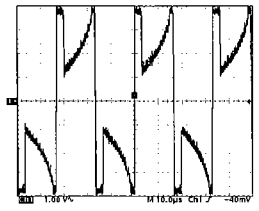
T9040 DRB



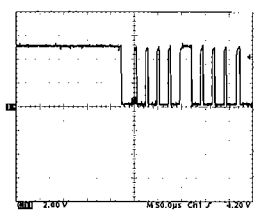
T9106 DRB



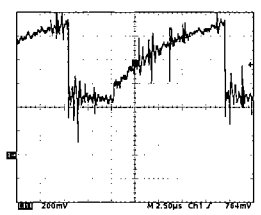
T9430 DRB



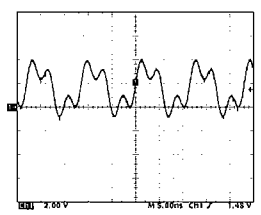
T9006 DRB



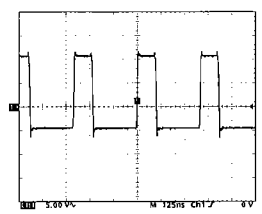
T9013 DRB



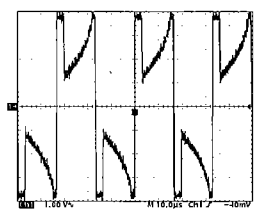
T9060 DRB



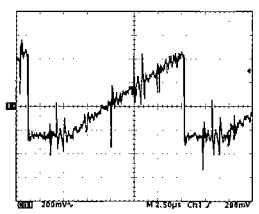
T9107 DRB



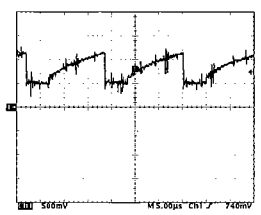
T9435 DRB



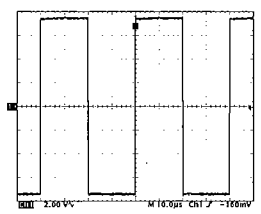
T9007 DRB



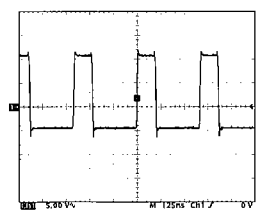
T9014 DRB



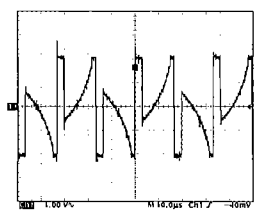
T9101 DRB



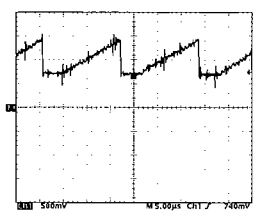
T9108 DRB



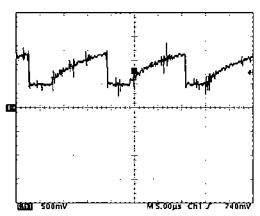
T9480 DRB



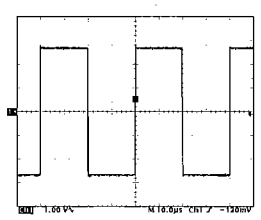
T9008 DRB



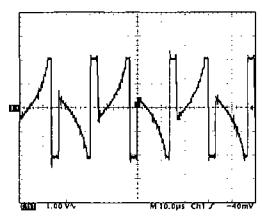
T9015 DRB



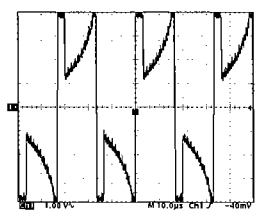
T9102 DRB



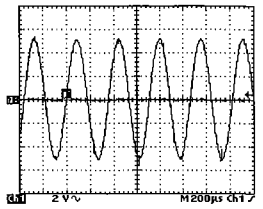
T9130 DRB



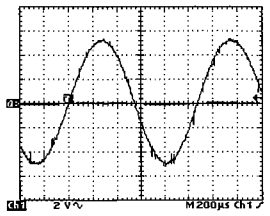
T9580 DRB



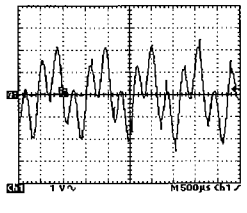
T500 AUD



T502 AUD

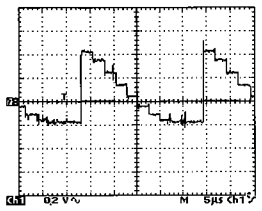


T510 AUD

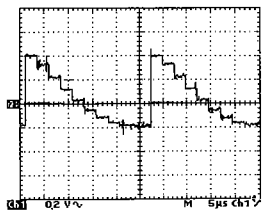


T102 DATA

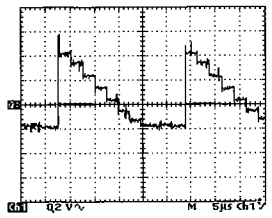
T104 DATA



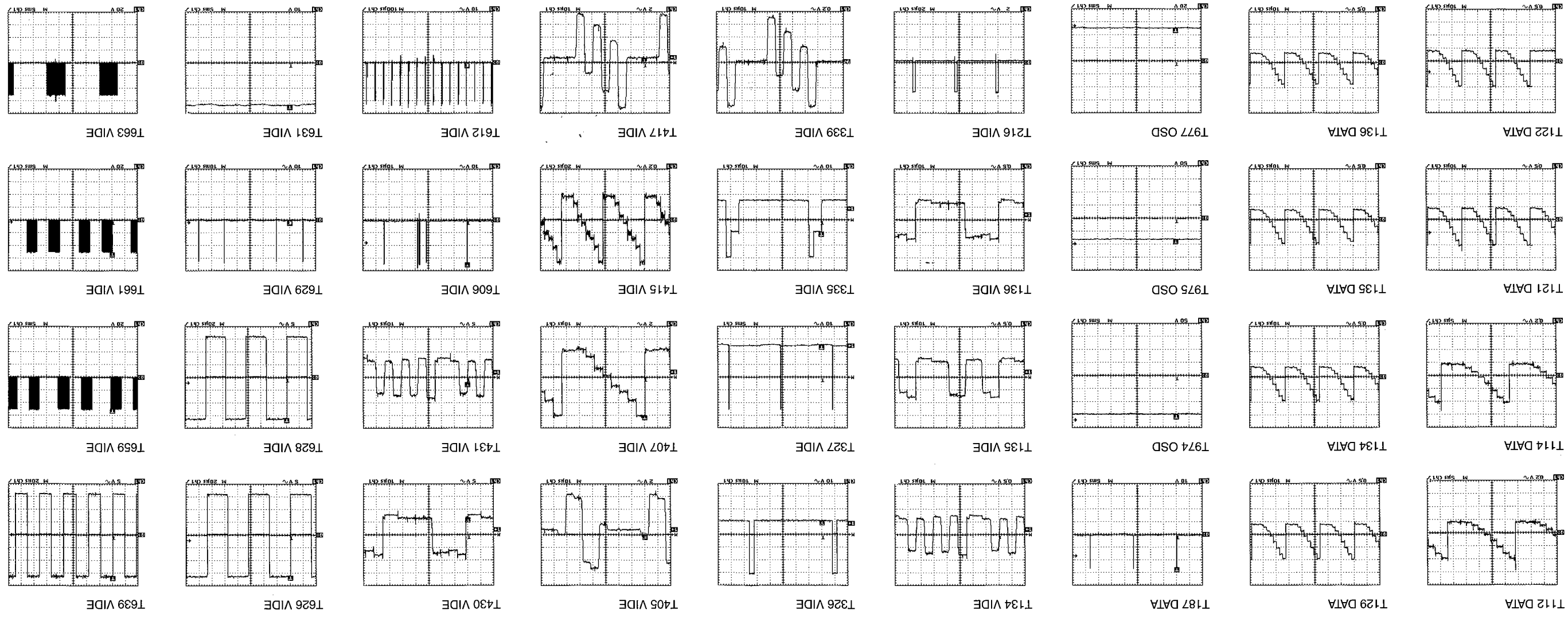
T106 DATA



T110 DATA



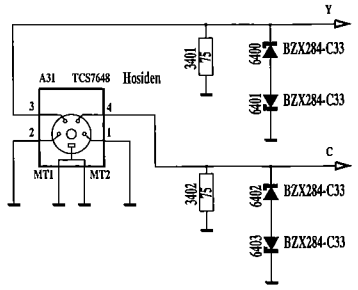
OSC_1.CDR
070798

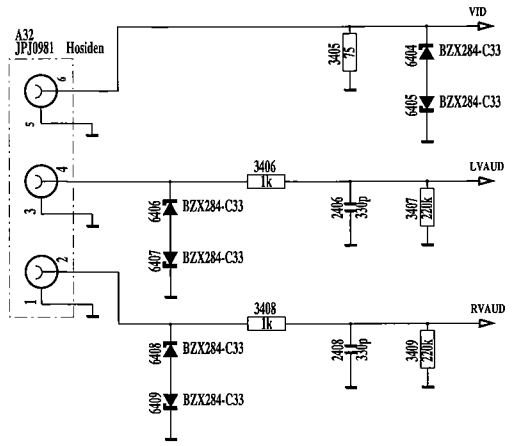


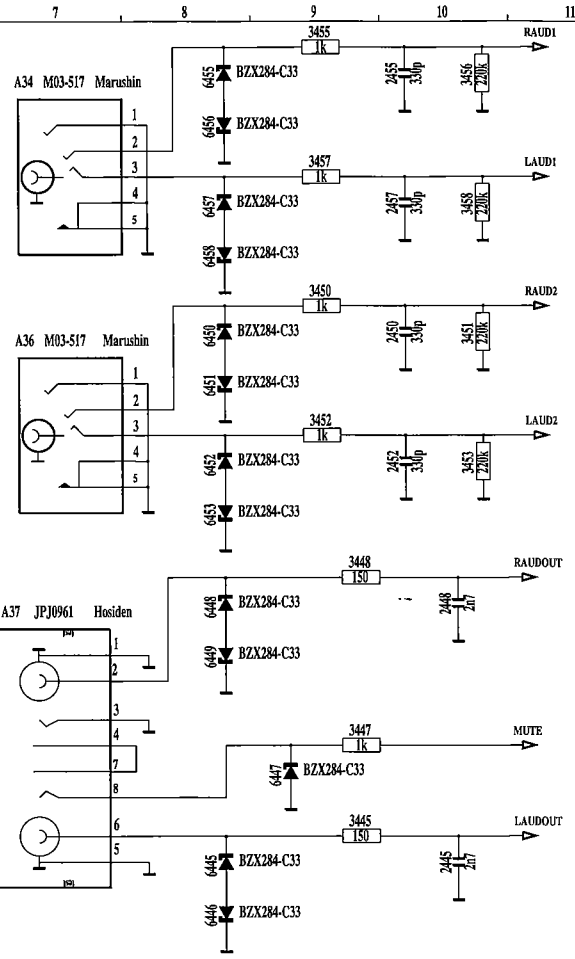
OSC_2.CDR
070798

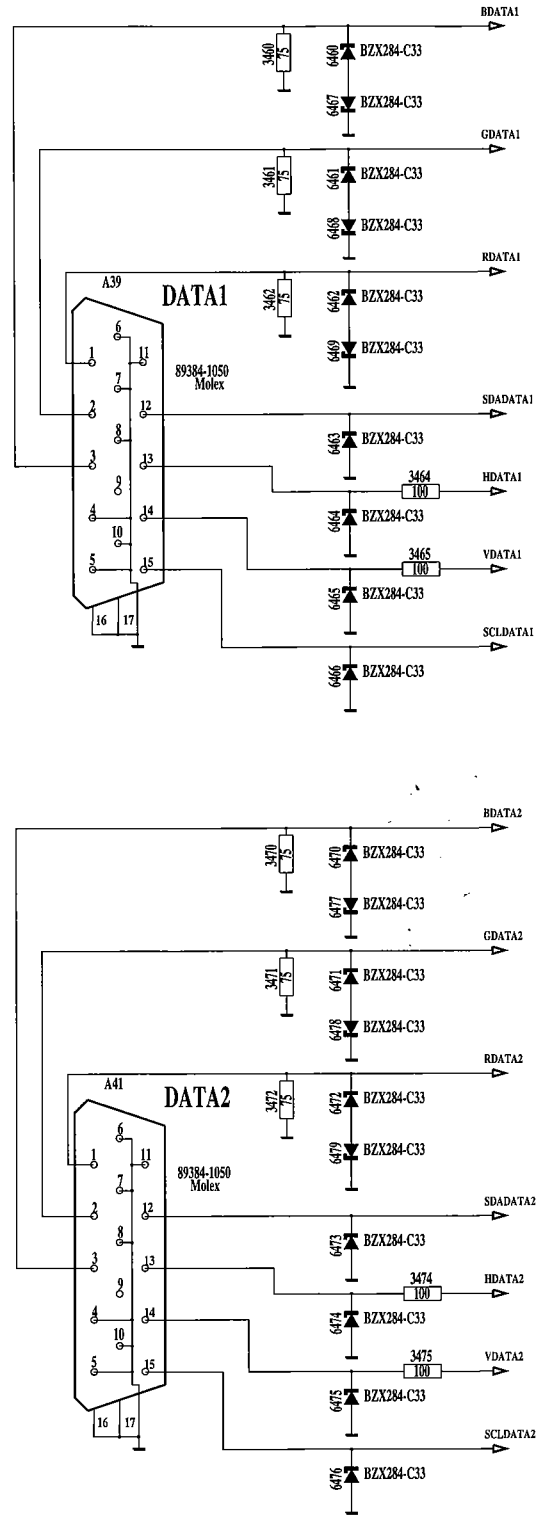
A

I/O BOARD


Y
A31 TCS7648 Hosiden
MT1 MT2
C
3401 75
3402 75
6400 BZX284-C33
6401 BZX284-C33
6402 BZX284-C33
6403 BZX284-C33


A32 JPJ0981 Hosiden
VID
LVAUD
RVAUD
3405 75
3406 1k
3407 220K
3408 1k
3409 220K
2406 33p
2408 33p
6404 BZX284-C33
6405 BZX284-C33
6406 BZX284-C33
6407 BZX284-C33
6408 BZX284-C33
6409 BZX284-C33


A34 M03-517 Marushin
A36 M03-517 Marushin
A37 JPJ0961 Hosiden
RAUD1
LAUD1
RAUD2
LAUD2
RAUDOUT
MUTE
LAUDOUT
3455 1k
3457 1k
3450 1k
3452 1k
3448 150
3447 1k
3445 150
2455 33p
2457 33p
2450 33p
2452 33p
2448 2n7
2445 2n7
3456 220K
3458 220K
3451 220K
3453 220K
6455 BZX284-C33
6456 BZX284-C33
6457 BZX284-C33
6458 BZX284-C33
6450 BZX284-C33
6451 BZX284-C33
6452 BZX284-C33
6453 BZX284-C33
6448 BZX284-C33
6449 BZX284-C33
6447 BZX284-C33
6445 BZX284-C33
6446 BZX284-C33


A39 DATA1
89384-1050 Molex
A41 DATA2
89384-1050 Molex
BDATA1
GDATA1
RDATA1
SDADATA1
HDATA1
VDATA1
SCLDATA1
BDATA2
GDATA2
RDATA2
SDADATA2
HDATA2
VDATA2
SCLDATA2
3460 75
3461 75
3462 75
3463 75
3464 100
3465 100
3466 75
3470 75
3471 75
3472 75
3473 75
3474 100
3475 100
3476 75
6460 BZX284-C33
6461 BZX284-C33
6462 BZX284-C33
6463 BZX284-C33
6464 BZX284-C33
6465 BZX284-C33
6466 BZX284-C33
6470 BZX284-C33
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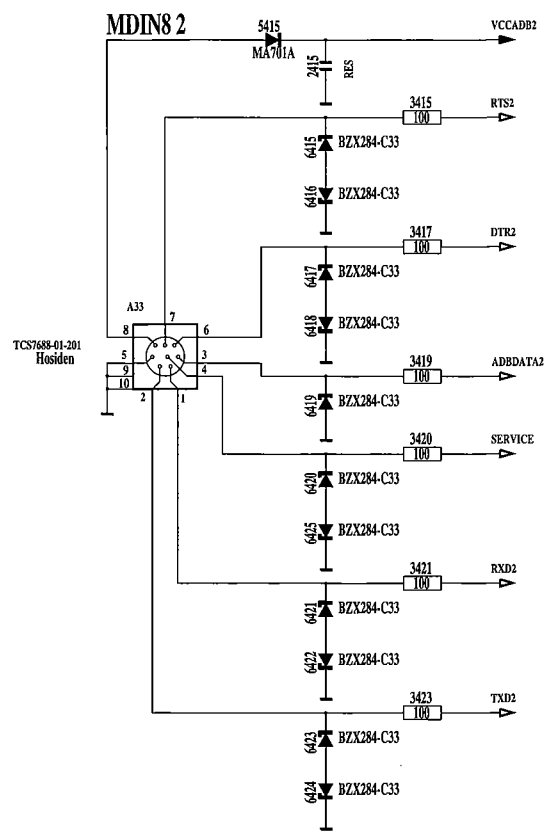
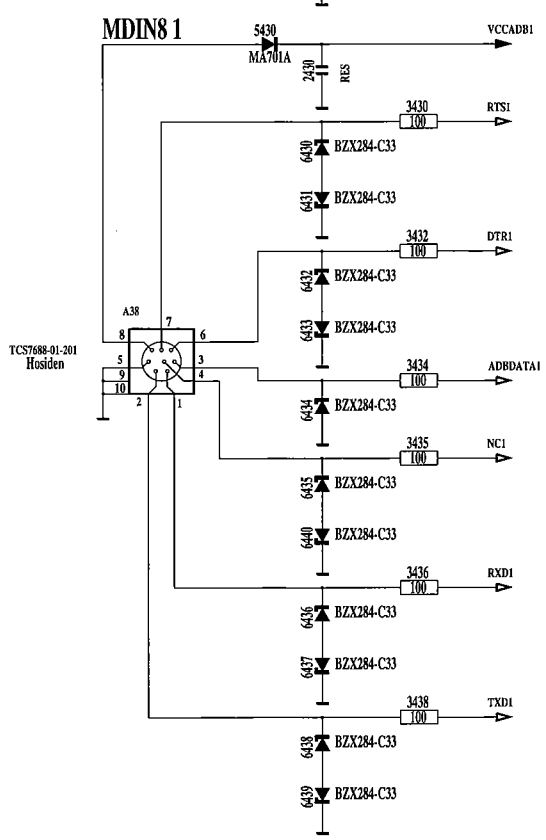
6475 BZX284-C33
6476 BZX284-C33


MDIN8 2
5415 MA701A
2415 RES
VCCADB2
RTS2
DTR2
ADBDATA2
SERVICE
RXD2
TXD2
3415 100
3417 100
3419 100
3420 100
3421 100
3423 100
6415 BZX284-C33
6416 BZX284-C33
6417 BZX284-C33
6418 BZX284-C33
6419 BZX284-C33
6420 BZX284-C33
6421 BZX284-C33
6422 BZX284-C33
6423 BZX284-C33
6424 BZX284-C33
A33 TCS7688-01-201 Hosiden


MDIN8 1
5430 MA701A
2430 RES
VCCADB1
RTS1
DTR1
ADBDATA1
NC1
RXD1
TXD1
3430 100
3432 100
3434 100
3435 100
3436 100
3438 100
6430 BZX284-C33
6431 BZX284-C33
6432 BZX284-C33
6433 BZX284-C33
6434 BZX284-C33
6435 BZX284-C33
6440 BZX284-C33
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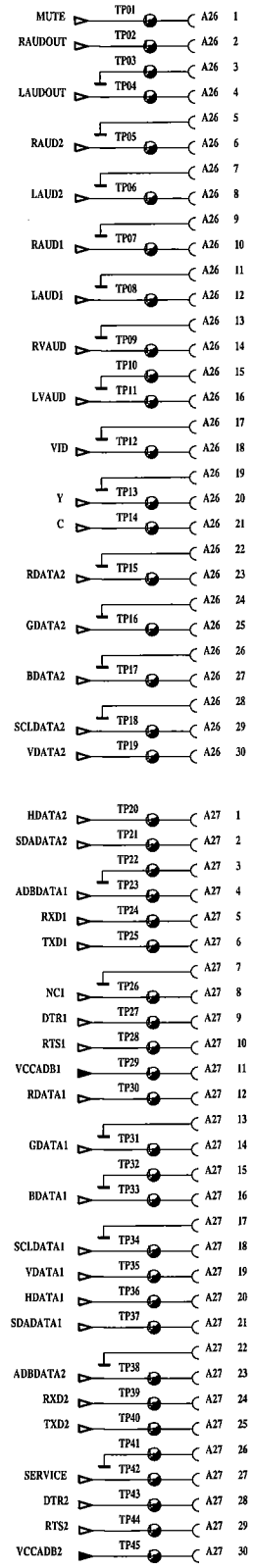
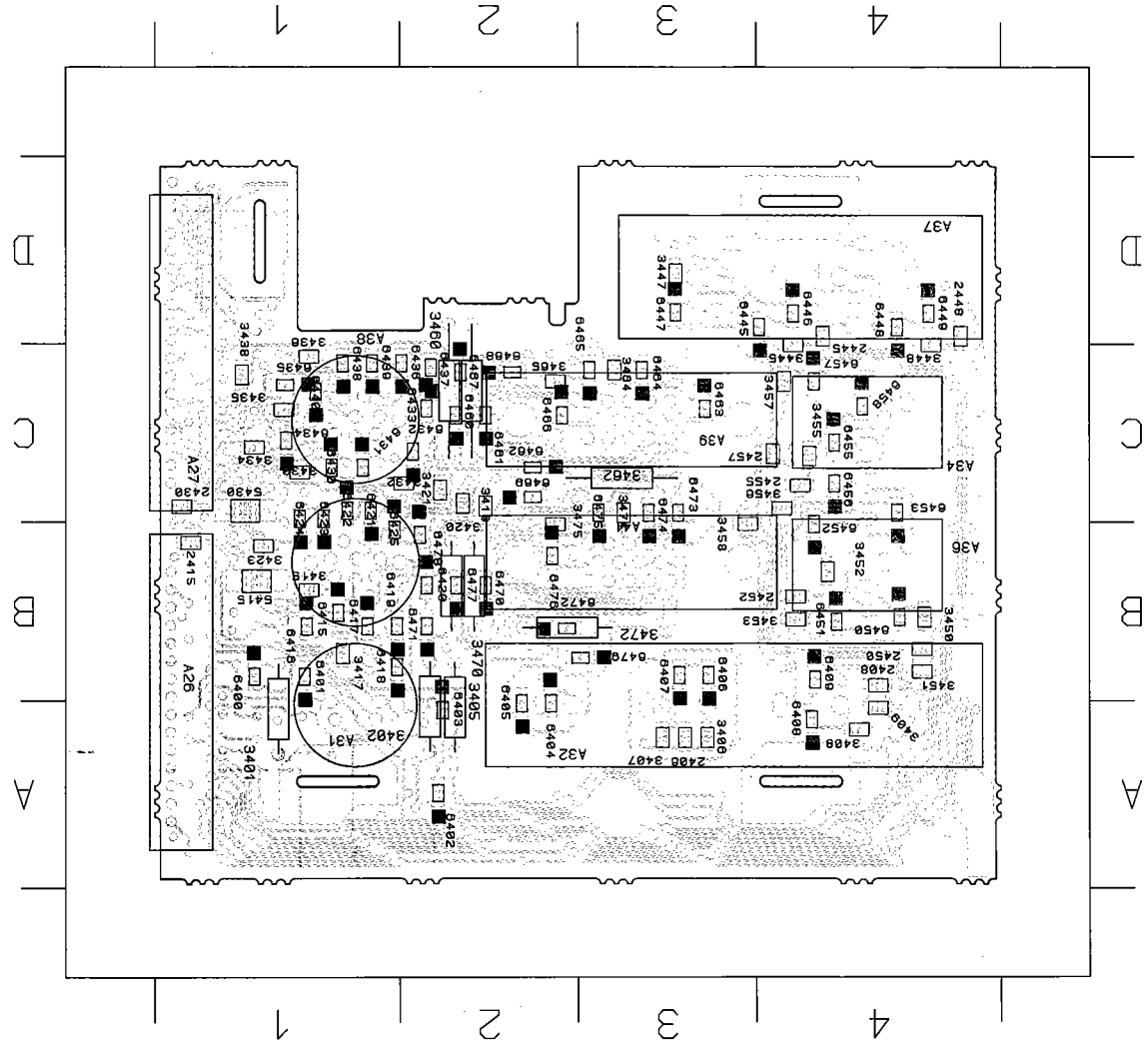
6437 BZX284-C33
6438 BZX284-C33
6439 BZX284-C33
A38 TCS7688-01-201 Hosiden


MUTE TP01 A26 1
RAUDOUT TP02 A26 2
LAUDOUT TP03 A26 3
TP04 A26 4
RAUD2 TP05 A26 6
LAUD2 TP06 A26 8
RAUD1 TP07 A26 10
LAUD1 TP08 A26 12
RVAUD TP09 A26 14
LVAUD TP10 A26 15
TP11 A26 16
VID TP12 A26 18
Y TP13 A26 20
C TP14 A26 21
RDATA2 TP15 A26 23
GDATA2 TP16 A26 25
BDATA2 TP17 A26 27
SCLDATA2 TP18 A26 29
VDATA2 TP19 A26 30
HDATA2 TP20 A27 1
SDADATA2 TP21 A27 2
TP22 A27 3
ADBDATA1 TP23 A27 4
RXD1 TP24 A27 5
TXD1 TP25 A27 6
NC1 TP26 A27 8
DTR1 TP27 A27 9
RTS1 TP28 A27 10
VCCADB1 TP29 A27 11
RDATA1 TP30 A27 12
GDATA1 TP31 A27 14
BDATA1 TP32 A27 15
TP33 A27 16
SCLDATA1 TP34 A27 18
VDATA1 TP35 A27 19
HDATA1 TP36 A27 20
SDADATA1 TP37 A27 21
ADBDATA2 TP38 A27 23
RXD2 TP39 A27 24
TXD2 TP40 A27 25
TP41 A27 26
SERVICE TP42 A27 27
DTR2 TP43 A27 28
RTS2 TP44 A27 29
VCCADB2 TP45 A27 30



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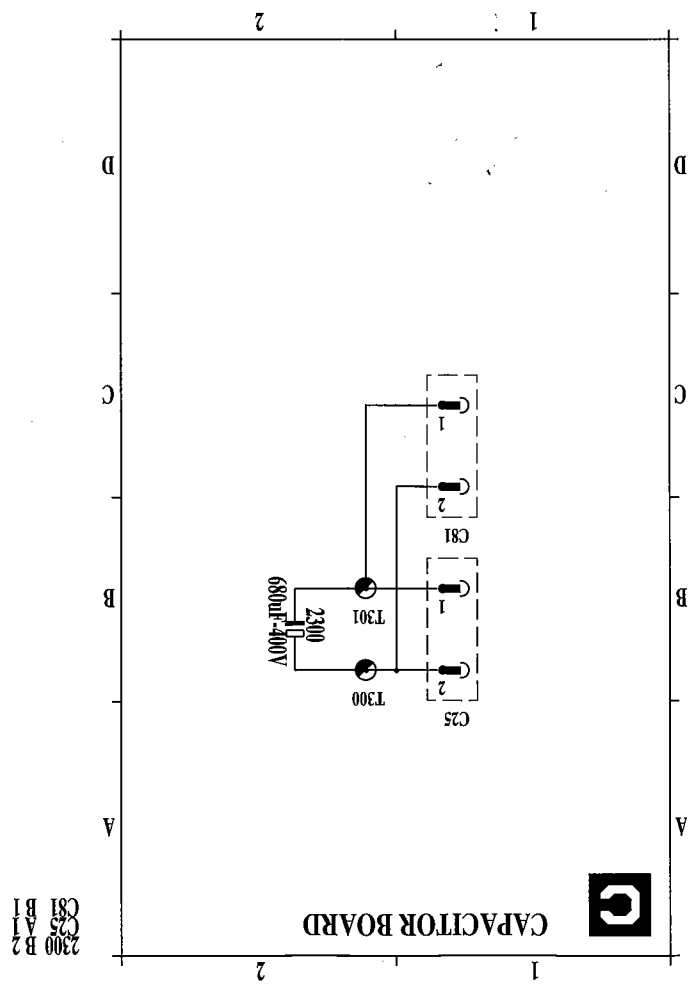
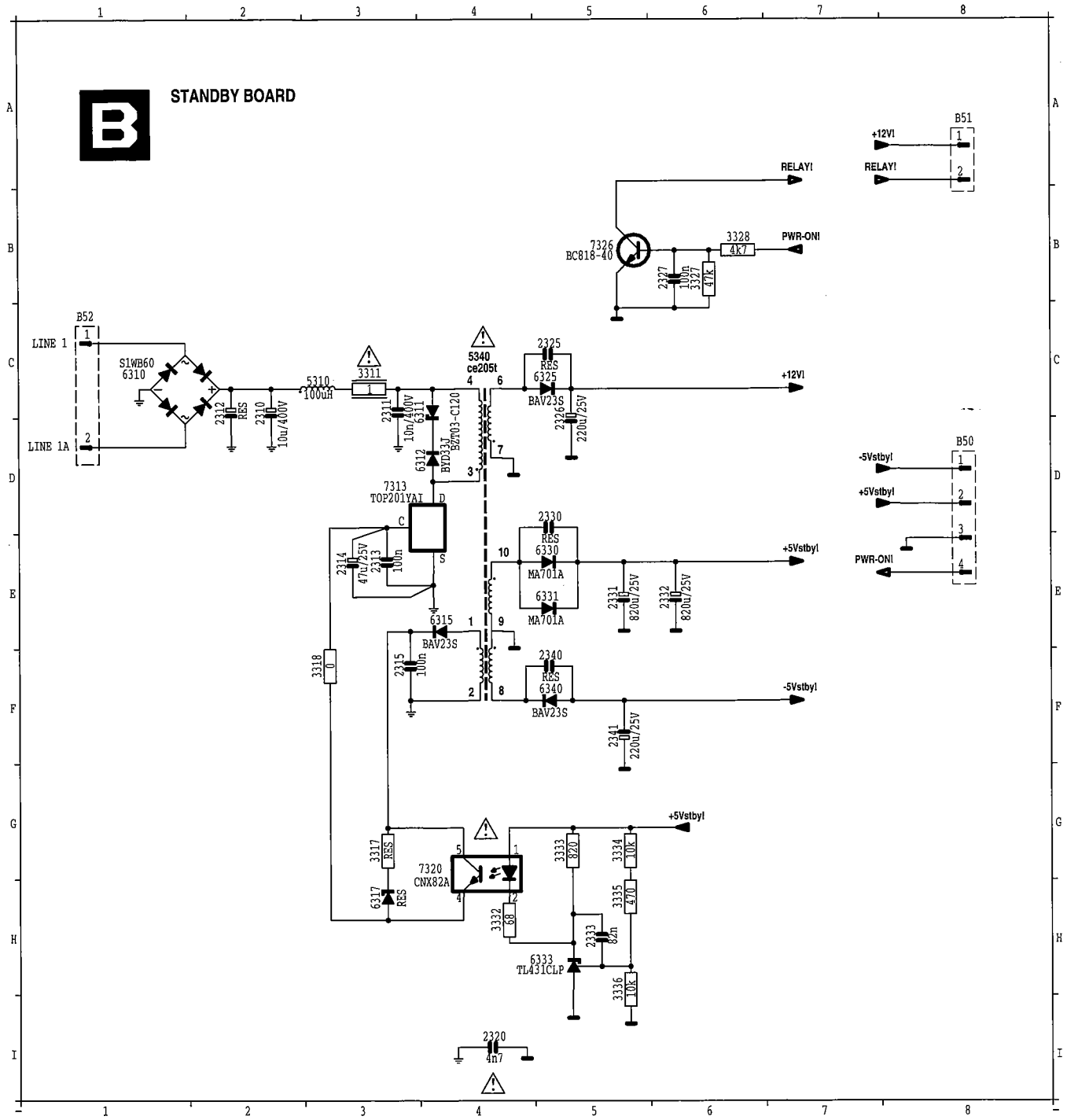
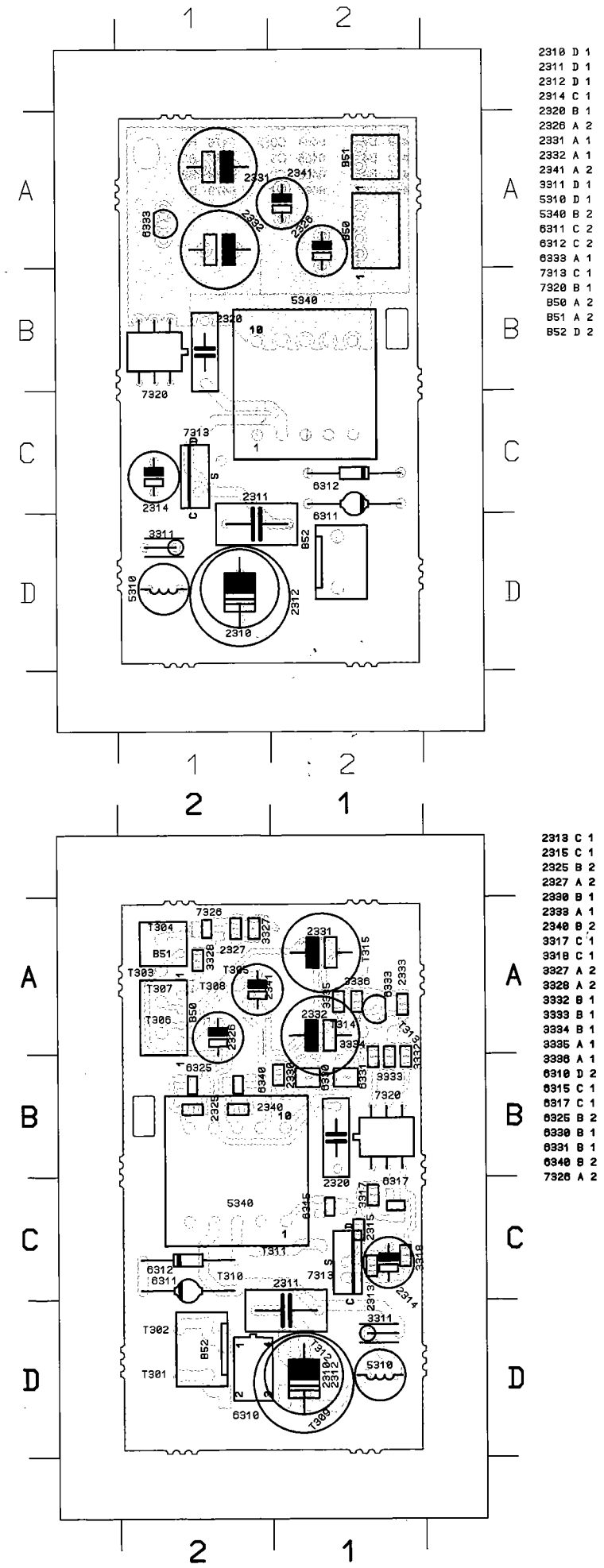
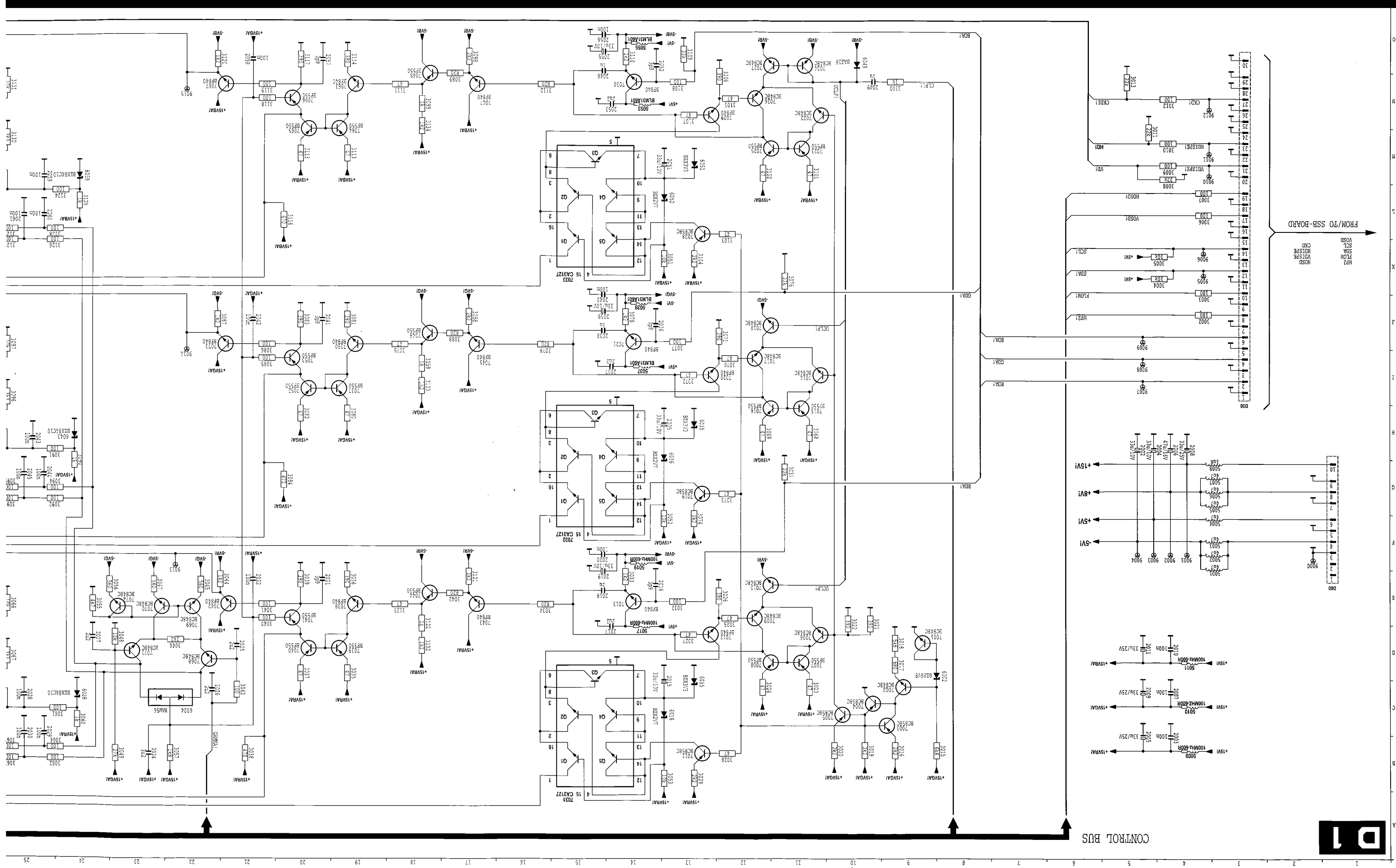
2408 B4 3406 A3 3434 C1 3456 C2 3474 C3 6404 A2 6421 C1 6438 C1 6455 C4 6469 C2
2415 B1 3407 A3 3435 C1 3456 C4 3475 B2 6405 A2 6422 C1 6439 C1 6457 C4 6470 B2
2430 C1 3408 A4 3436 C1 3457 C4 5415 B1 6406 B3 6423 C1 6440 C1 6458 C4 6471 B2
2445 D4 3409 A4 3438 C1 3458 B3 5430 C1 6407 B3 6424 C1 6445 D4 6460 C2 6472 B2
2448 D4 3415 B1 3445 C4 3460 C2 5435 C1 6408 A4 6425 B1 6446 D4 6461 C2 6473 C3
2450 B4 3417 B1 3447 D3 3461 C2 5446 D4 6409 B4 6430 C1 6447 D3 6462 C2 6474 C3
2452 B4 3419 C2 3448 C4 3462 C3 5469 C2 6415 B1 6431 C1 6448 D4 6463 C3 6475 C3
2455 C4 3420 C2 3450 B4 3464 C3 5477 B2 6416 B1 6432 C2 6449 D4 6464 C3 6476 B2
2457 C4 3421 C2 3451 B4 3465 C2 6400 B1 6417 B1 6433 C2 6450 B4 6465 C3 6477 B2
2455 C4 3420 C2 3450 B4 3464 C3 5477 B2 6416 B1 6432 C2 6449 D4 6464 C3 6476 B2
2452 B4 3419 C2 3448 C4 3462 C3 5469 C2 6415 B1 6431 C1 6448 D4 6463 C3 6475 C3
2450 B4 3417 B1 3447 D3 3461 C2 5446 D4 6409 B4 6430 C1 6447 D3 6462 C2 6474 C3
2448 D4 3415 B1 3445 C4 3460 C2 5435 C1 6408 A4 6425 B1 6446 D4 6461 C2 6473 C3
2445 D4 3409 A4 3438 C1 3458 B3 5430 C1 6407 B3 6424 C1 6445 D4 6460 C2 6472 B2
2430 C1 3408 A4 3436 C1 3457 C4 5415 B1 6406 B3 6423 C1 6440 C1 6458 C4 6471 B2
2415 B1 3407 A3 3435 C1 3456 C4 3475 B2 6405 A2 6422 C1 6439 C1 6457 C4 6470 B2
2408 B4 3406 A3 3434 C1 3455 C2 3474 C3 6404 A2 6421 C1 6438 C1 6455 C4 6469 C2
2406 A3 3405 A2 3432 C2 3455 C4 3472 B2 6403 A2 6420 B2 6437 C2 6453 C4 6468 C2



2310 C 2 2311 C 2 2312 C 2 2313 E 3 2314 B 3 2315 F 3 2320 I 4 2325 C 5 2326 C 5 2327 B 6 2330 D 5 2331 E 5 2332 E 6 2333 H 5 2340 F 5 2341 F 5 3311 C 3 3317 G 3 3318 F 3 3327 B 6 3328 B 6 3332 H 4 3333 G 5 3334 G 5 3335 H 5 3336 H 5 5310 C 3 5340 C 4 6310 C 1 6311 C 4 6312 D 4 6315 E 4 6317 H 3 6325 C 5 6330 E 5 6331 E 5 6333 H 4 6340 F 5 7313 D 3 7320 G 3 7326 B 5 B50 D 8 B51 A 8 B52 C 1






FROM/TO SSB-BOARD
CONTROL BUS
D 1
LC4700
6-4

CONTROL BUS

R_GAMMA

G_GAMMA

B_GAMMA

TO SCHEMATIC 2

TO SCHEMATIC 3

7031 15 CA3127

7032 15 CA3127

7033 15 CA3127

7034 MC1496

7035 MC1496

7036 MC1496

6024 BAW56

6028 BZX84C10

6043 BZX84C10

6059 BZX84C10

9013

9014

9015

D2

CONTROL BUS

CONTRAST & BRIGHTNESS R-G-B

R-PREAMP V - I

G-PREAMP V - I

B-PREAMP V - I

R - CLAMP

G - CLAMP

B - CLAMP

DC-ADJUSTMENT DAC 1

ADDRESS 4C

DC-ADJUSTMENT DAC 2

ADDRESS 48

FROM SCHEMATIC 1

CONTROL BUS

R-PREAMP V - I

G-PREAMP V - I

B-PREAMP V - I

R - CLAMP

G - CLAMP

B - CLAMP

DC-ADJUSTMENT DAC 1

ADDRESS 4C

DC-ADJUSTMENT DAC 2

ADDRESS 48

FLOW SENSOR

LCCOM DRIVERS

TO SCHEMATIC 4

TO SCHEMATIC 5

TO SCHEMATIC 8

TO SCHEMATIC 11

FROM SCHEMATIC 4

D3

CONTROL BUS

PATSY CONTROLLER CORE

7175

PATSY

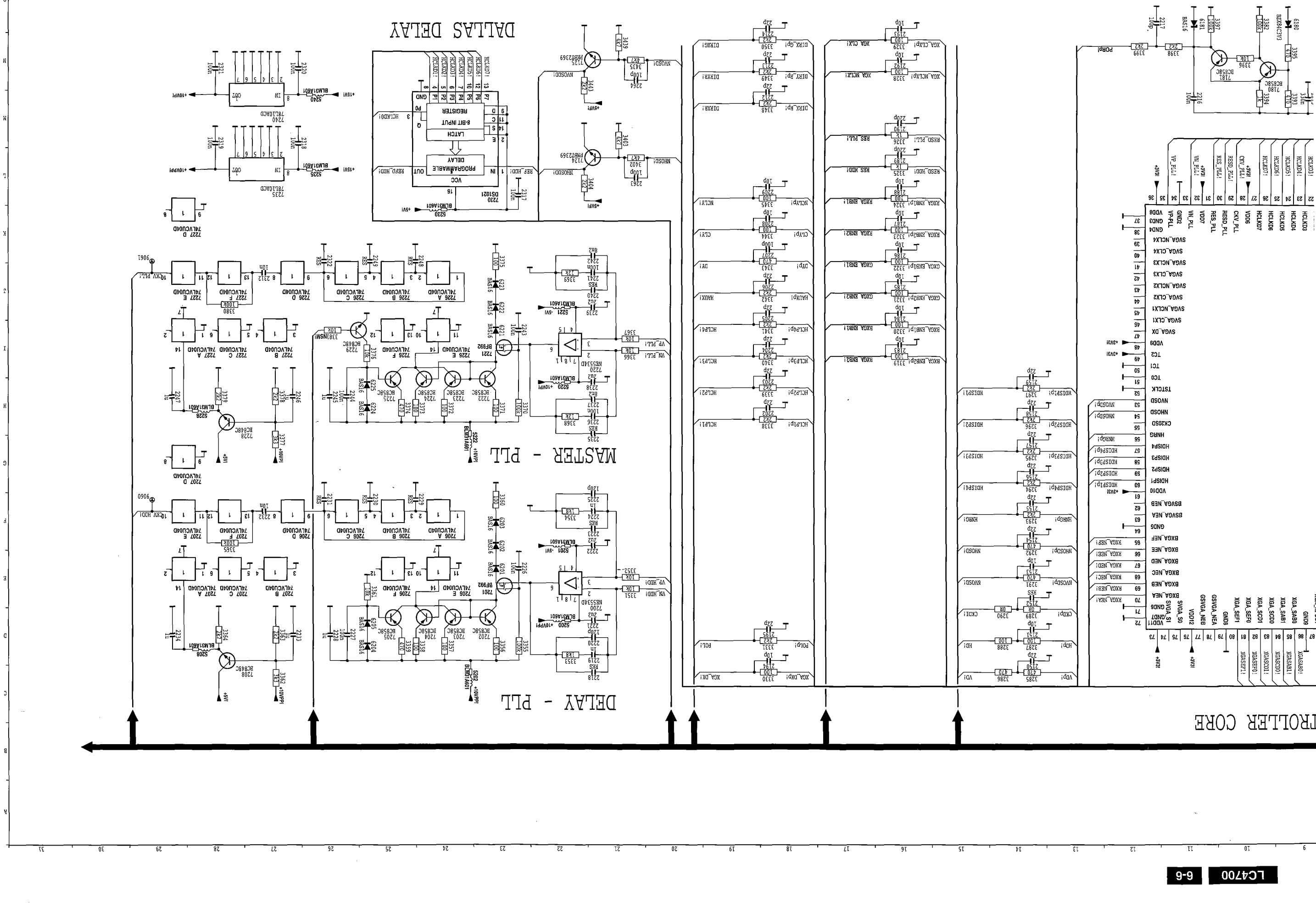
144 PINS QFP

I2C BUFFER

DELAY - PLL

MASTER - PLL

DALLAS DELAY


DALLAS DELAY
MASTER - PLL
DELAY - PLL
CONTROLLER CORE
LC4700
6-6

D 4

CONTROL BUS

PATSY TTL BUFFERS

FROM SCHEMATIC 3

FROM SCHEMATIC 2

LCCOMR
LCCOMG
LCCOMB

VSSY - SUPPLY

RGB_BUS

LCD C

R

G

VDDXR

VDDYR

VDDXG

VDDYG

CONTROL BUS

FROM SCHEMATIC 2

LCCOMR
LCCOMG
LCCOMB

TO SCHEMATIC 5/8/11

FROM SCHEMATIC 6/7

FROM SCHEMATIC 9/10

FROM SCHEMATIC 12/13

LCD CONNECTOR

R

G

B

RGB_BUS

VDDXR

VDDYR

VDDXG

VDDYG

VDDXB

VDDYB

D5

R

CONTROL BUS

CONTROL BUS

R - PRE_SAMPLER SWITCH

R BUFFER I-V

R DC-RESTORE SUPPLY

+5VA! 5325 100MHz-600R +6VAMR!
+8VI 5336 100MHz-600R +8VCRR!
+15VI 5326 100MHz-600R +15VBRI
+8VI 5337 100MHz-600R +8VBRR!
+15VI 5341 100MHz-600R +15VBRR!
-5VI 5338 100MHz-600R -5VBRR!
+8VI 5327 100MHz-600R +8VBRI
-5VI 5339 100MHz-600R -5VCRR!
+8VI 5328 100MHz-600R +8VCRI
+15VI 5340 100MHz-600R +15VARR!
+8VI 5329 100MHz-600R +8VDR!
-5VI 5330 100MHz-600R -5VARI
-5VI 5331 100MHz-600R -5VBRI
-5VI 5332 100MHz-600R -5VCRI
-5VI 5333 100MHz-600R -5VDRI
+15VI 5334 100MHz-600R +15VARI
-5VI 5335 100MHz-600R -5VARR!
-5VI 5342 100MHz-600R -5VJR!

7338 QS4A215Q1 (+6VAMR!)
RXGA_NEA! RXGA_NEB! XGASAB0! XGASAB1!
RXGA_NEC! RXGA_NED! XGASCD0! XGASCD1!
RXGA_NEE! RXGA_NEF! XGASEF0! XGASEF1!
OUTR!
RAS0! RAS6! RAS3! RAS9! RAS1! RAS7! RAS4! RAS10! RAS2! RAS8! RAS5! RAS11!

TO SCHEMATIC 6
DC1R RAS0 RAS1 RAS2 DC2R RAS3 RAS4 RAS5
TO SCHEMATIC 7
DC1R RAS6 RAS7 RAS8 DC2R RAS9 RAS10 RAS11

XGANEM1! XGANEM2! XGAEPOST! XGAEPOST!
RXGANEM1! RXGANEM2! RXGAEPOST1! RXGAEPOST2!
+11VI -5VI
BLM21AT21S BAR54 BF550 PMBT2369

7325 7326 7327 BF550
7328 BC848C 7329 BFG35
7330 7331 BF550
7332 BC848C 7333 BF840 7334 BF840 7335 BC858C 7336 BFG31
-2VS! +5VDRI +6VAI +15VBRI -5VBRI
LM358D 7337
IR VBR IRI OUTRRI VBR!
FROM SCHEMATIC 2
DC2R! DC1R!

PCS 92 048

D 8

G

CONTROL BUS

CONTROL BUS

G - PRE_SAMPLER SWITCH

G BUFFER I-V

G DC-RESTORE SUPPLY

TO SCHEMATIC 9

TO SCHEMATIC 10

FROM SCHEMATIC 2

1/2 INTERMEDIALE SAMPLER

1/2 POST SAMPLER

1/2 HEF SWITCH

D6

R

CONTROL BUS

BUFFER

FROM SCHEMATIC 5

RAS0 RAS4
RAS1 RAS5
RAS2 DC1R
RAS3 DC2R

RAS0!
RAS1!
RAS2!
RAS3!
RAS4!
RAS5!

DC2R!
DC1R!

CLP5!
CLP6!

POL11S!

VID1R VID4R
VID2R VID5R
VID3R VID6R

TO SCHEMATIC 4

INTERMEDIALE SAMPLER

1/2 POST SAMPLER

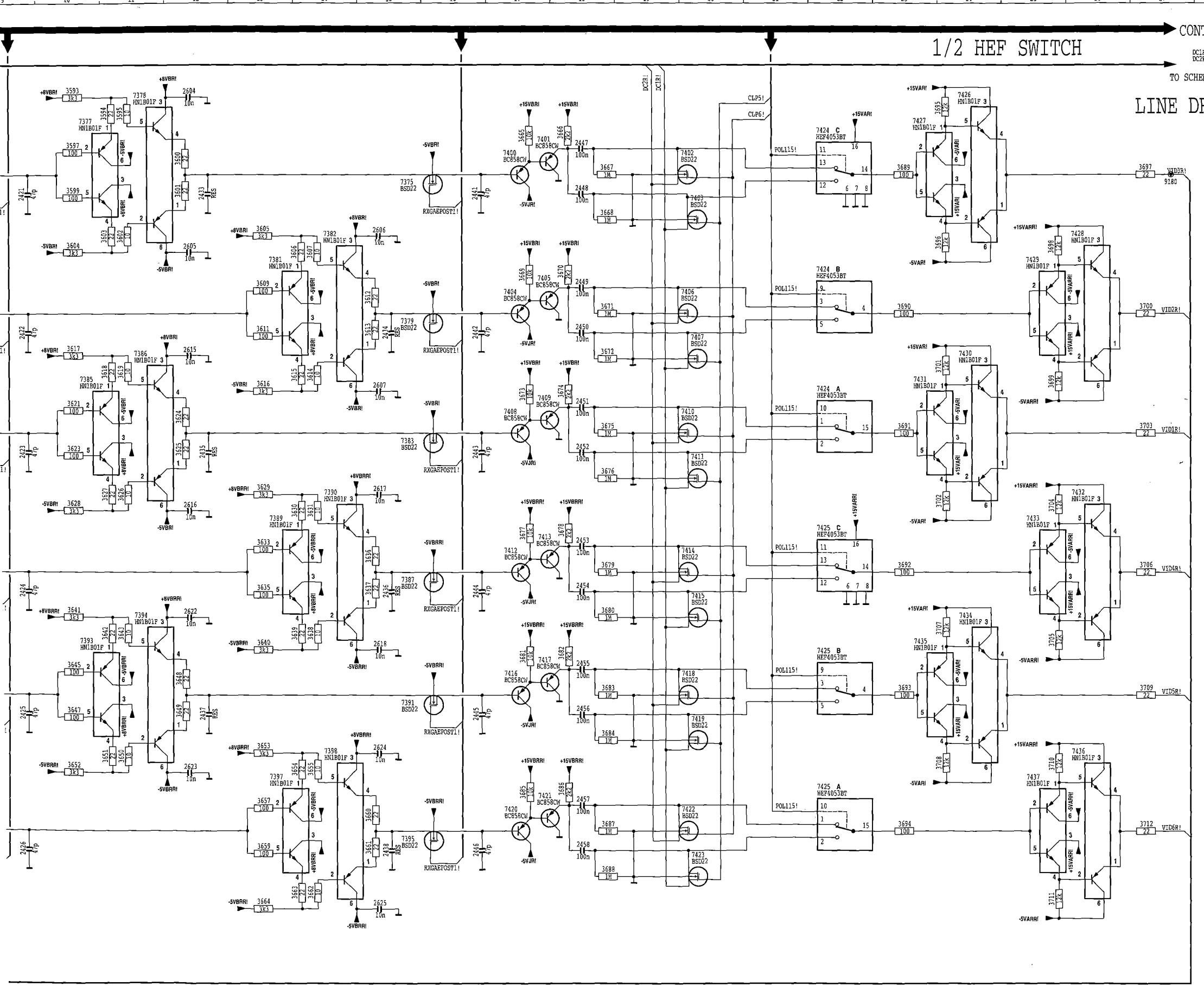
1/2 HEF SWITCH

CONTROL BUS

DC1R
DC2R

TO SCHEMATIC 7

LINE DRIVERS



2421	C 9	3649	K12				
2422	F 9	3650	L11				
2423	G 9	3651	L11				
2424	I 9	3652	L10				
2425	F 9	3653	L13				
2426	H 9	3654	L14				
2427	C 5	3655	L14				
2428	E 5	3657	M13				
2429	G 5	3659	M13				
2430	I 8	3660	M15				
2431	A 5	3661	M17				
2432	M 8	3662	N14				
2433	C12	3663	N14				
2434	E15	3664	N13				
2435	G12	3665	B17				
2436	I15	3666	B18				
2437	K12	3667	C18				
2438	M15	3668	C18				
2441	C16	3669	D17				
2442	G16	3670	D18				
2443	G16	3671	E18				
2444	I15	3672	F18				
2445	K16	3673	F17				
2446	M15	3674	F18				
2447	B18	3675	G18				
2448	C18	3676	G18				
2449	E18	3677	H17				
2450	E18	3678	H18				
2451	F18	3679	I18				
2452	G18	3680	J18				
2453	I18	3681	J17				
2454	I18	3682	J18				
2455	J18	3683	K18				
2456	K18	3684	L18				
2457	M18	3685	L17				
2458	M18	3686	L18				
2586	B 5	3687	M18				
2587	D 5	3688	N18				
2588	F 5	3689	C23				
2589	H 5	3690	E23				
2590	J 5	3691	G23				
2591	L 5	3692	I23				
2592	N 5	3693	K23				
2593	B12	3694	M23				
2594	D12	3695	B24				
2595	F12	3696	D24				
2596	H12	3697	C27				
2597	J12	3698	D25				
2598	L12	3699	F25				
2599	N12	3700	E27				
2600	C15	3701	F24				
2601	C12	3702	H24				
2602	D11	3703	G27				
2603	E11	3704	H25				
2604	D10	3705	L25				
2605	D13	3706	I27				
2606	D14	3707	J24				
2607	D14	3708	L24				
2609	E13	3709	K27				
2611	E13	3710	L25				
2612	B15	3711	M25				
2613	B15	3712	M27				
2614	F14	7350	C 8				
2615	F14	7352	B 3				
2616	F15	7353	B 4				
2617	F10	7354	E 6				
2618	F11	7355	E 8				
2621	F10	7356	D 3				
2622	G10	7357	D 7				
2623	G12	7358	C 8				
2624	G12	7360	F 3				
2625	G12	7361	F 4				
2626	H11	7362	I 8				
2627	H11	7364	H 6				
2628	H10	7365	H 7				
2629	H13	7366	K 8				
2630	H14	7368	J 3				
2631	H14	7369	J 4				
2632	I13	7370	M 8				
2633	I13	7372	L 6				
2634	I15	7373	L 7				
2635	I15	7375	C15				
2636	I14	7377	B10				
2637	J14	7378	B11				
2638	K14	7379	E15				
2639	K14	7381	D13				
2640	J13	7382	D14				
2641	J10	7383	G15				
2642	J11	7385	F10				
2643	J11	7386	F11				
2644	J10	7387	I15				
2645	K11	7389	H13				
2646	K10	7390	H14				
2647	K10	7391	K15				
2648	K13	7393	J10				
2649	K13	7394	J11				
2650	K14	7395	M15				
2651	L14	7397	L13				
2652	L13	7398	L14				
2653	L13	7400	C17				
2654	L15	7401	B17				
2655	L15	7402	C20				
2656	L14	7403	C20				
2657	L15	7404	E17				
2658	M14	7405	D17				
2659	M14	7406	E20				
2660	M15	7407	E20				
2661	M13	7408	G17				
2662	M13	7409	F17				
2663	M13	7410	G20				
2664	M13	7411	G20				
2665	C 7	7412	I17				
2666	C 6	7413	H17				
2667	C 7	7414	I20				
2668	C 8	7415	I20				
2669	C 4	7416	K17				
2670	C 4	7417	J17				
2671	C 3	7418	K20				
2672	C 3	7419	K20				
2673	C 2	7420	M17				
2674	C 2	7421	L17				
2675	C 1	7422	M20				
2676	C 1	7423	M20				
2677	C 1	7424	F22				
2678	C 1	7425	D22				
2679	C 1	7426	H22				
2680	C 1	7427	L22				
2681	C 1	7428	H22				
2682	C 1	7429	B24				
2683	C 1	7430	B23				
2684	C 1	7431	D26				
2685	C 1	7432	D25				
2686	C 1	7433	F24				
2687	C 1	7434	F23				
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2689	C 1	7436	H25				
2690	C 1	7437	J24				
2691	C 1		J23				
2692	C 1		L26				
2693	C 1		L25				
2694	C 1		L27				
2695	C 1						
2696	C 1						
2697	C 1						
2698	C 1						
2699	C 1						
2700	C 1						
2701	C 1						
2702	C 1						
2703	C 1						
2704	C 1						
2705	C 1						
2706	C 1						
2707	C 1						
2708	C 1						
2709	C 1						
2710	C 1						
2711	C 1						
2712	C 1						

1/2 INTERMEDIALE SAMPLER

1/2 POST SAMPLER

1/2 HEF SWITCH

D 7

CONTROL BUS

R

FROM SCHEMATIC 5

RAS6 RAS7 RAS8 RAS9 RAS10 RAS11 DC1R DC2R

RAS8!

RAS7!

RAS6!

RAS9!

RAS10!

RAS11!

BUFFER

DC1R!

DC2R!

CLP5!

CLP6!

POL115!

LIN

VID7R VID8R VID9R VID10R VID11R VID12R

TO SCHEMATIC 4

MEDIALE SAMPLER

1/2 POST SAMPLER

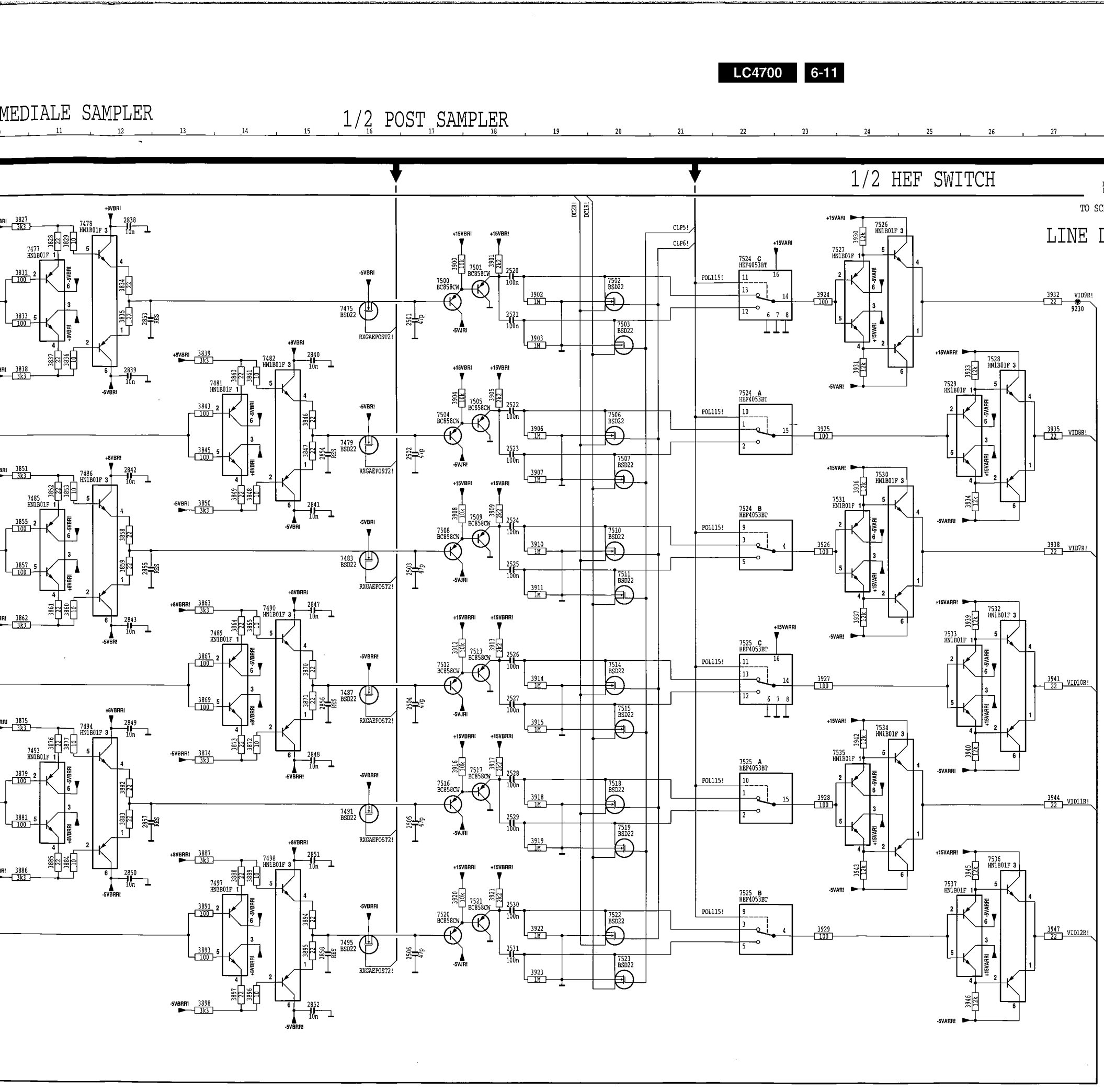
1/2 HEF SWITCH

CONTROL BUS

DC1R
DC2R

TO SCHEMATIC 7

LINE DRIVERS



2481	C10	3882	K12
2482	E10	3883	K12
2483	G10	3884	L11
2484	I10	3885	L11
2485	K10	3886	L10
2486	M10	3887	L13
2501	C17	3888	L14
2502	E17	3889	L14
2503	G17	3891	M13
2504	I17	3893	M12
2505	K17	3894	M15
2506	M17	3895	N15
2520	B18	3896	N14
2521	C18	3897	N14
2522	E18	3898	N13
2523	E18	3900	B17
2524	F18	3901	B16
2525	G18	3902	C19
2526	I18	3903	C19
2527	I18	3904	D17
2528	J18	3905	D18
2529	K18	3906	E19
2530	M18	3907	E19
2531	M18	3908	F17
2755	B 5	3909	F16
2756	D 8	3910	G19
2757	D 8	3911	G19
2758	F 8	3912	H17
2759	F 5	3913	H18
2760	H 5	3914	I19
2761	H 8	3915	I19
2762	J 8	3916	J17
2763	J 5	3917	J18
2764	L 5	3918	K19
2765	L 8	3919	K19
2766	N 8	3920	L17
2767	C 5	3921	L18
2768	E 8	3922	M19
2769	G 8	3923	M19
2770	I 8	3924	C22
2771	K 5	3925	E23
2772	M 8	3926	G23
2838	B12	3927	I23
2839	D12	3928	K23
2840	D12	3929	M23
2841	F15	3930	B24
2842	F12	3931	B24
2843	H12	3932	C27
2847	H15	3933	D26
2848	J15	3934	F26
2849	J12	3935	D27
2850	L12	3936	F24
2851	L15	3937	M24
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2854	B15	3940	I26
2855	G12	3941	I27
2856	I15	3942	K24
2857	K12	3943	L24
2858	N15	3944	K27
3752	B 3	3945	L26
3755	B 3	3946	N26
3756	B 4	3947	M27
3759	B 5	4450	C 8
3761	C 3	7452	B 1
3762	C 4	7453	B 4
3763	C 5	7454	B 5
3764	D 4	7456	D 5
3765	D 4	7457	D 7
3766	D 3	7458	G 8
3767	D 6	7460	F 1
3768	D 7	7461	F 4
3769	D 7	7462	I 8
3770	E 3	7463	I 1
3771	E 6	7464	I 4
3773	E 6	7465	H 7
3774	E 8	7466	K 8
3775	E 8	7468	J 1
3776	F 7	7469	J 4
3777	F 7	7470	M 8
3778	F 6	7472	L 6
3779	F 3	7473	L 7
3780	F 4	7475	C16
3781	F 4	7477	B10
3783	F 3	7478	B11
3785	G 3	7479	C16
3786	G 5	7481	D13
3787	G 5	7482	D14
3788	H 4	7483	C16
3789	H 4	7485	F10
3790	H 3	7486	F11
3791	H 6	7487	I16
3792	H 7	7489	H11
3793	H 7	7490	H14
3795	I 6	7491	K16
3797	I 6	7493	J10
3798	I 6	7494	J11
3799	I 8	7495	M16
3800	J 7	7497	L13
3801	J 7	7498	L14
3802	J 6	7500	C17
3803	J 3	7501	B18
3804	J 4	7502	C20
3805	J 4	7503	C20
3807	J 3	7504	E17
3809	K 3	7505	E18
3810	K 5	7506	E20
3811	K 4	7507	E20
3812	L 4	7508	G17
3813	L 4	7509	F18
3814	L 3	7510	G20
3815	L 6	7511	G20
3816	L 7	7512	I17
3817	L 7	7513	I18
3818	M 6	7514	I20
3821	M 6	7515	I20
3822	M 8	7516	K17
3823	M 8	7517	J18
3824	N 7	7518	K20
3825	N 7	7519	K20
3826	N 6	7520	M17
3827	B10	7521	M18
3828	B11	7522	M20
3829	B11	7523	M20
3831	B10	7524	D22
3833	C10	7525	F23
3834	C12	7526	G22
3835	C12	7525	J22
3836	D11	7527	L22
3837	D11	7525	M22
3838	D10	7526	B24
3839	D13	7527	B23
3840	D14	7528	D26
3841	D15	7529	D25
3843	E13	7530	F24
3845	E13	7531	F23
3846	E15	7532	H26
3847	E15	7533	H25
3848	F14	7534	J24
3849	F14	7535	J23
3850	F13	7536	L26
3851	F10	7537	L25
3852	F11	9230	C27
3853	F11		
3855	F10		
3857	G10		
3858	G12		
3859	G12		
3860	H11		
3861	H11		
3862	H10		
3863	H13		
3864	H14		
3865	H14		
3867	I13		
3869	I13		
3870	I15		
3871	I15		
3872	J14		
3873	J14		
3874	J13		
3875	J10		
3876	J11		
3877	J11		
3879	J10		
3881	K10		

D 9

CONTROL BUS

G

BUFFER

1/2 HEF SWITCH LINE D

FROM SCHEMATIC 8

GAS0 GAS4
GAS1 GAS5
GAS2 DC1G
GAS3 DC2G

GAS2!
GAS1!
GAS0!
GAS3!
GAS4!
GAS5!

DC2G!
DC1G!
CLP5!
CLP6!
POL115!

VID1G VID4G
VID2G VID5G
VID3G VID6G

TO SCHEMATIC 4

1/2 HEF SWITCH LINE DRIVERS

CONTROL BUS

TO SCHEMATIC 10

D10

CONTROL BUS

CONTR

G

BUFFER

LINE DRIVERS

FROM SCHEMATIC 8

GAS6 GAS7 GAS8 GAS9 GAS10 GAS11 DC1G DC2G

GAS8!

GAS7!

GAS6!

GAS9!

GAS10!

GAS11!

CLP5!

CLP5!

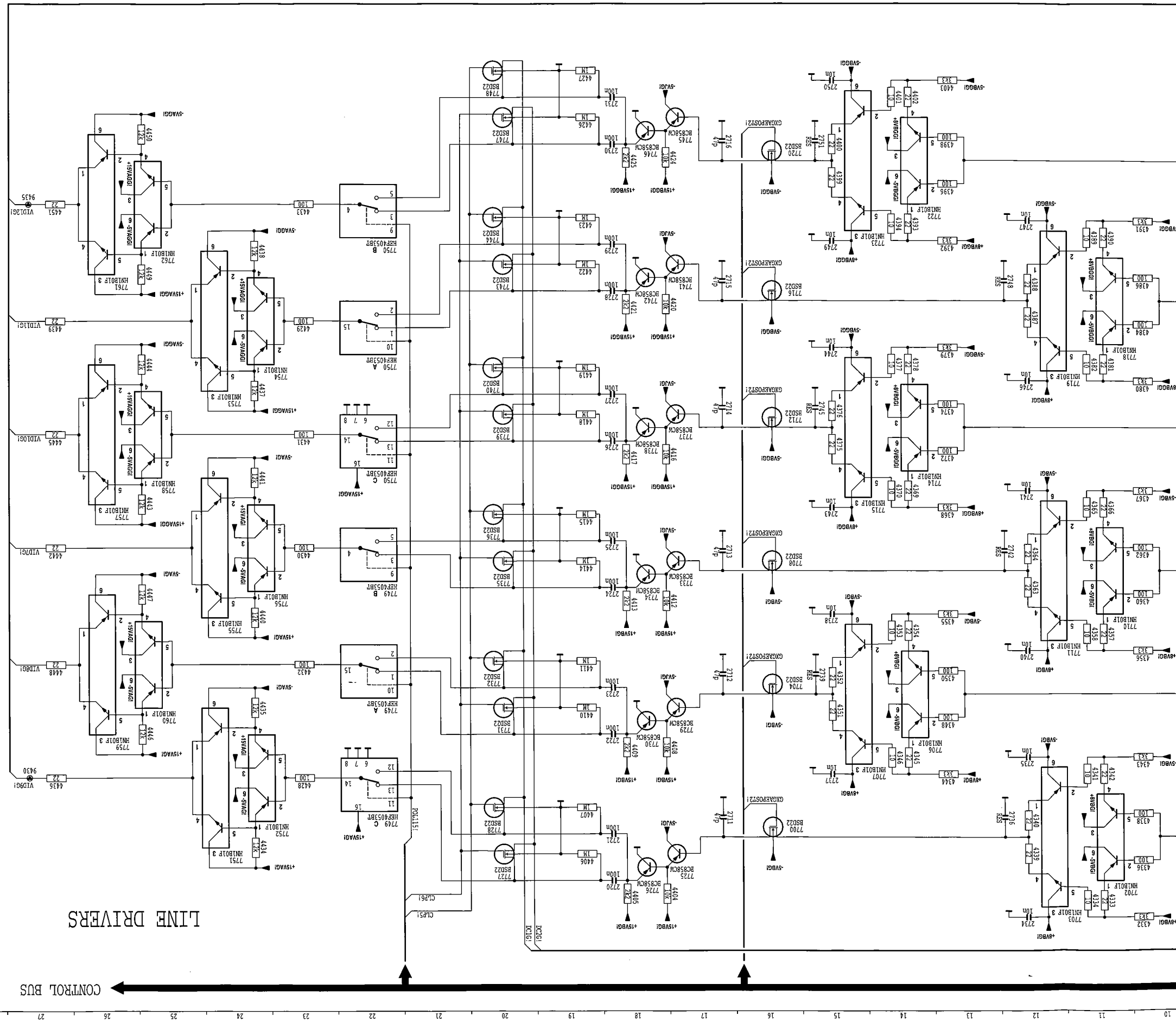
PGU115!

DC2G!

DC1G!

VID7G VID8G VID9G VID10G VID11G VID12G

TO SCHEMATIC 4


LINE DRIVERS
CONTROL BUS
LC4700
6-13

D12

CONTROL BUS

B

FROM SCHEMATIC 11

BAS0 BAS4
BAS1 BAS5
BAS2 DC1B
BAS3 DC2B

BUFFER

1/2 HEF SWITCH

BAS21 BAS11 BAS01 BAS31 BAS41 BAS51

VID1B VID4B
VID2B VID5B
VID3B VID6B

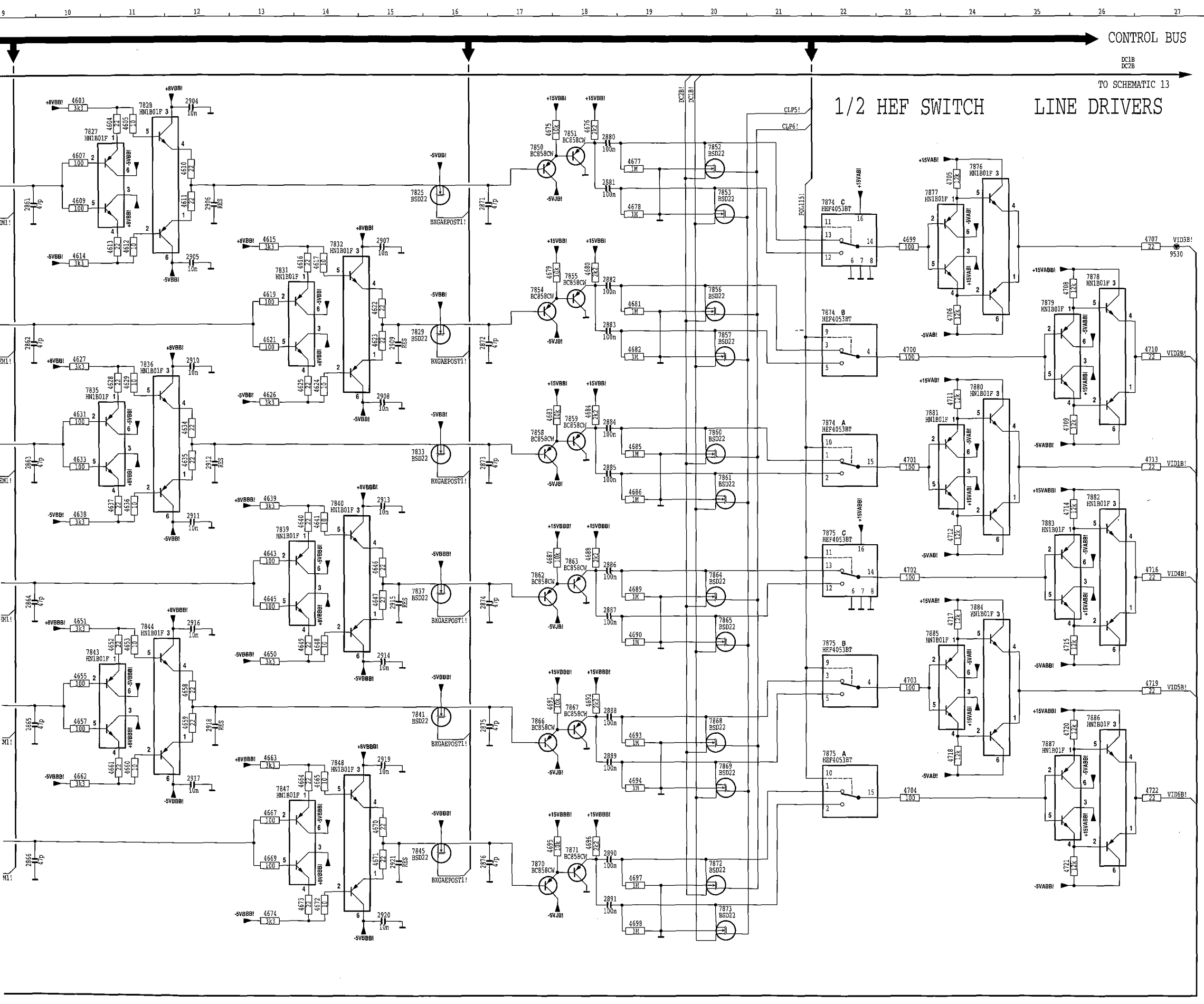
TO SCHEMATIC 4

CONTROL BUS

DC1B
DC2B

TO SCHEMATIC 13

1/2 HEF SWITCH LINE DRIVERS



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2862 E 9 4659 K12
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2868 D 5 4665 L14
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2874 I16 4672 N14
2875 K16 4673 N14
2876 M16 4674 N13
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2879 E 8 4677 C19
2880 B18 4678 C19
2881 C18 4679 D17
2882 D18 4680 D18
2883 E18 4681 E19
2884 G16 4682 E19
2885 G18 4683 F17
2886 I18 4684 F18
2887 I18 4685 G19
2888 K18 4686 H19
2889 L18 4687 I17
2890 M18 4688 I18
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2894 G 5 4692 K18
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2896 J 8 4694 L19
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2898 J 5 4696 M18
2899 L 5 4697 N19
2900 K 5 4698 N19
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2904 B12 4702 I23
2905 D12 4703 J23
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2911 H12 4709 G25
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2916 J12 4714 H25
2917 L12 4715 J25
2918 K12 4716 I27
2919 L15 4717 J24
2920 N15 4718 L24
2921 M15 4719 K27
4530 B 3 4720 K25
4531 B 4 4721 M25
4532 B 5 4722 L27
4534 B 3 7800 C 8
4535 C 3 7802 B 8
4537 C 5 7803 B 9
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4540 D 4 7807 D 9
4541 D 3 7808 G 8
4542 D 6 7810 F 9
4543 D 7 7811 F 9
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4546 E 6 7814 H 8
4548 E 6 7815 H 7
4549 E 8 7816 K 8
4550 E 8 7818 C 3
4551 F 7 7819 J 4
4552 F 7 7820 M 8
4553 F 6 7822 L 6
4554 F 3 7823 L 7
4555 F 4 7825 C15
4556 F 4 7827 B10
4558 F 3 7828 B11
4560 G 3 7829 E15
4561 G 5 7831 D13
4562 G 5 7832 D14
4563 H 4 7833 G13
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4565 H 3 7836 P11
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4586 K 5 7857 E20
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4590 L 6 7861 G20
4591 L 7 7862 I17
4592 L 7 7863 I18
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4596 M 6 7865 J20
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4598 M 8 7867 K18
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4601 N 6 7870 M17
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4609 C10 7874 B22
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4611 C12 7875 L22
4612 D11 7875 J22
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4623 E15 7883 H25
4624 F14 7884 I27
4625 F14 7885 J25
4626 F13 7886 K26
4627 F10 7887 K25
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4629 F11
4631 F10
4633 G10
4634 G12
4635 G12
4636 H11
4637 H11
4638 H10
4639 H13
4640 H14
4641 I14
4643 I13
4645 I13
4646 I15
4647 I15
4648 J14
4649 J14
4650 J13
4651 J10
4652 J11
4653 J11

D 1 3

CONTROL BUS

B

FROM SCHEMATIC 11

BAS6 BAS7 BAS8 BAS9 BAS10 BAS11 DC1B DC2B

BUFFER

1/2 HEF SWITCH

LINE DRIV

BAS8!

BAS7!

BAS6!

BAS9!

BAS10!

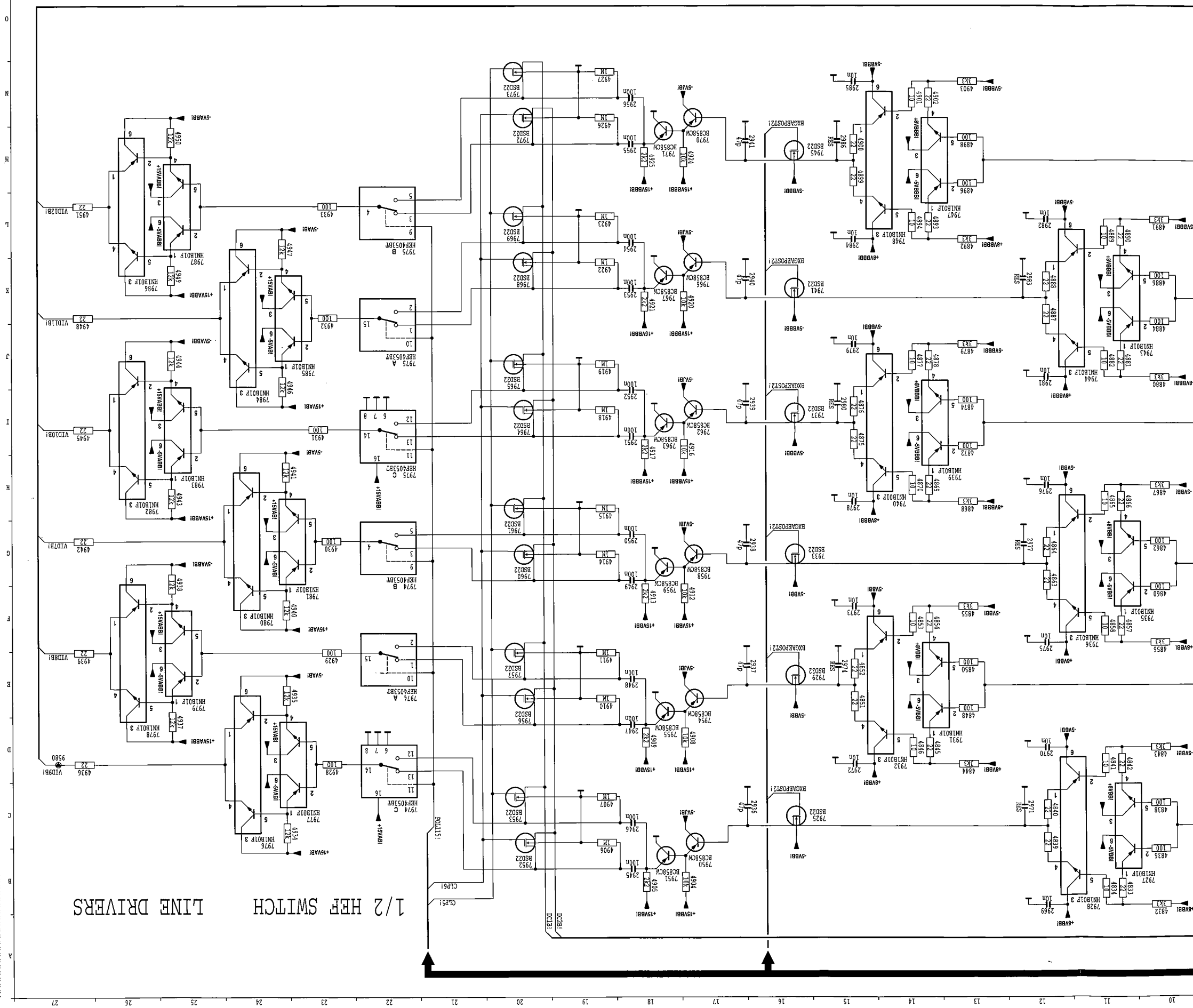
BAS11!

CLP5!

CLP6!

TO SCHEMATIC 4

VID7B VID8B VID9B VID10B VID11B VID12B


1/2 HEF SWITCH
LINE DRIVERS
+15VABBI
-5VABBI
+5VABBI
+15VBBBI
-15VBBBI
+8VBBBI
-8VBBBI
+4VBBBI
-4VBBBI
+5VBBBI
-5VBBBI
+15VBBBI
-15VBBBI
CLP51!
CLP61!
RC2B!
HNIBOIF 1
HNIBOIF 3
HEF40536B
BC858CW
BSD22
BXOAEPOSTZ1

D 1 1

B

CONTROL BUS

CONTROL BUS

B - PRE_SAMPLER SWITCH

B BUFFER I-V

B DC-RESTORE SUPPLY

TO SCHEMATIC 12

TO SCHEMATIC 13

FROM SCHEMATIC 2

DC1B BAS0 BAS1 BAS2 BAS3

DC2B BAS4 BAS5 BAS6 BAS7

DC1B BAS8 BAS9 BAS10 BAS11

DC2B BAS12 BAS13 BAS14 BAS15

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2776	C 1	7786	J 6
2777	E 1	7787	M 5
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2779	G 7	7789	B10
2780	G 1	7789	C10
2781	H 1	7789	J10
2782	I 1	7792	C16
2783	J 1	7793	E16
2784	K 1	7794	F16
2785	D 1	7795	G16
2786	B 4	7796	L16
2787	C 4	7797	J16
2788	D 4	7798	L16
2789	E 4	7799	M16
2790	F 4	9480	I 7
2791	J 1		
2792	C 2		
2793	H 6		
2796	G 2		
2799	X 2		
2800	J 4		
2801	D 2		
2802	B 4		
2804	X 4		
2806	E 4		
2807	M 4		
2808	M 6		
2809	M 7		
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2812	D15		
2813	E15		
2814	E11		
2815	E11		
2816	E12		
2817	D 6		
2818	D15		
2820	E15		
2821	F16		
2822	B16		
2823	F16		
2824	I11		
2825	I11		
2826	I12		
2827	I 6		
2828	I 6		
2829	G15		
2830	G15		
2831	G15		
2832	H15		
2833	H16		
2834	M11		
2835	M11		
2836	M12		
2837	M12		
2859	I16		
2860	I15		
2870	J15		
2922	I15		
2923	J15		
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2935	L15		
2987	M15		
2988	L15		
2989	M15		
2990	N16		
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4496	G12		
4497	G 5		
4498	G 6		
4499	G 7		
4500	H 6		
4502	B12		
4503	E11		
4504	I 8		
4505	I 6		
4507	I 7		
4509	I 7		
4510	J 4		
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4533	D15		
4535	E15		
4545	D16		
4547	F15		
4557	G15		
4559	G16		
4569	I15		
4571	J15		
4581	J16		
4583	L15		
4593	M15		
4595	M16		
4602	I11		
4723	I12		
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4725	M11		
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6799	N16		
7775	G 4		
7776	G 5		
7777	G 5		
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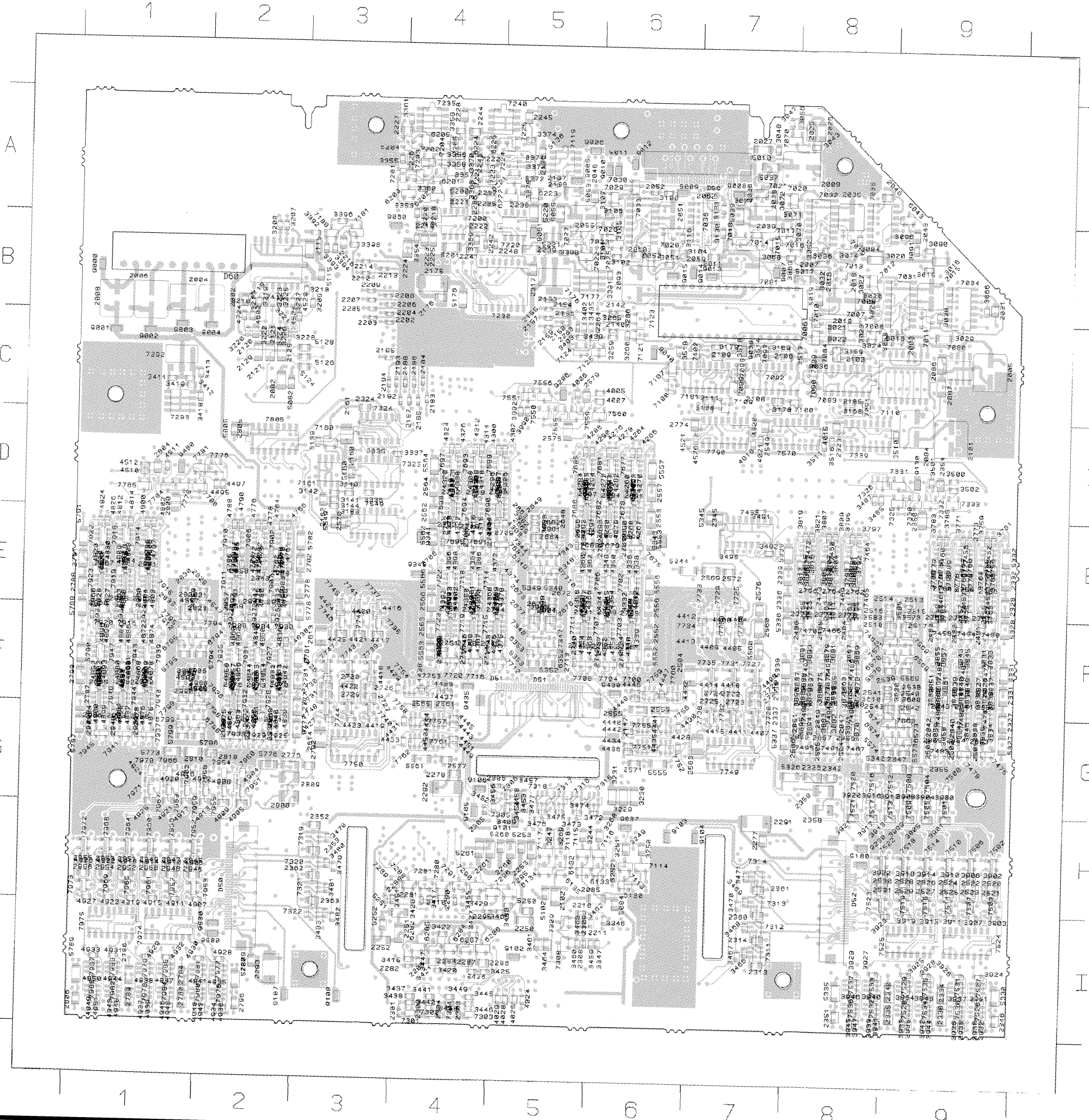
7784	J 4		



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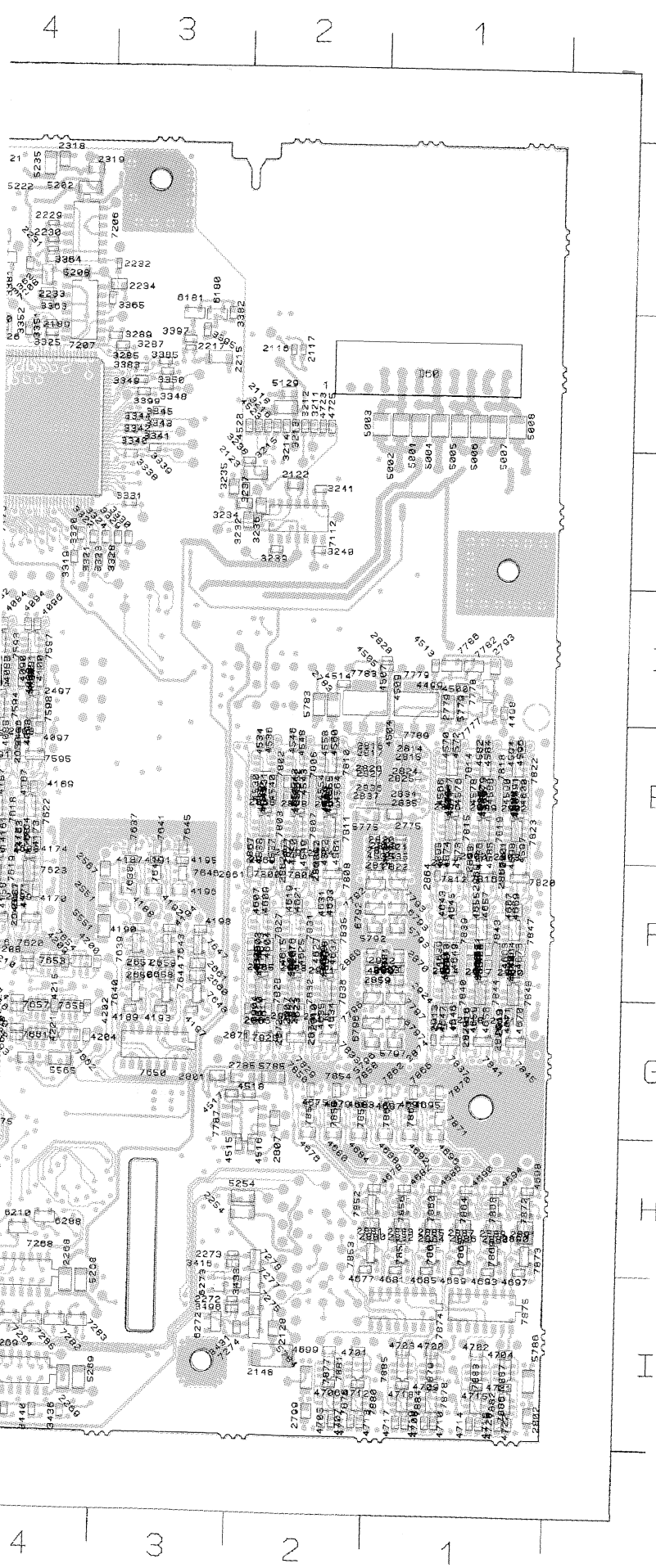

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2001B1 2002B1 2015D4 2021D3 2023D1 2030G1
2040G2 2043H1 2056H5 2057G6 3010B2 3011B2
3012B2 3013C3 3014C3 3015C4 3020C4 3021C3
3022D1 3023D1 3030G1 3031G1 3032F1 3033G1
3034F2 3035E2 3036E2 3040G2 3041G3 3042G3
3043H1 3050H3 3051G3 3052H3 3053H4 3054G4
3055H5 3056G5 3057G6 3058F6 5001A1 5002C1
6013C3 7012B2 7013B3 7020D4 7021D3 7022D2
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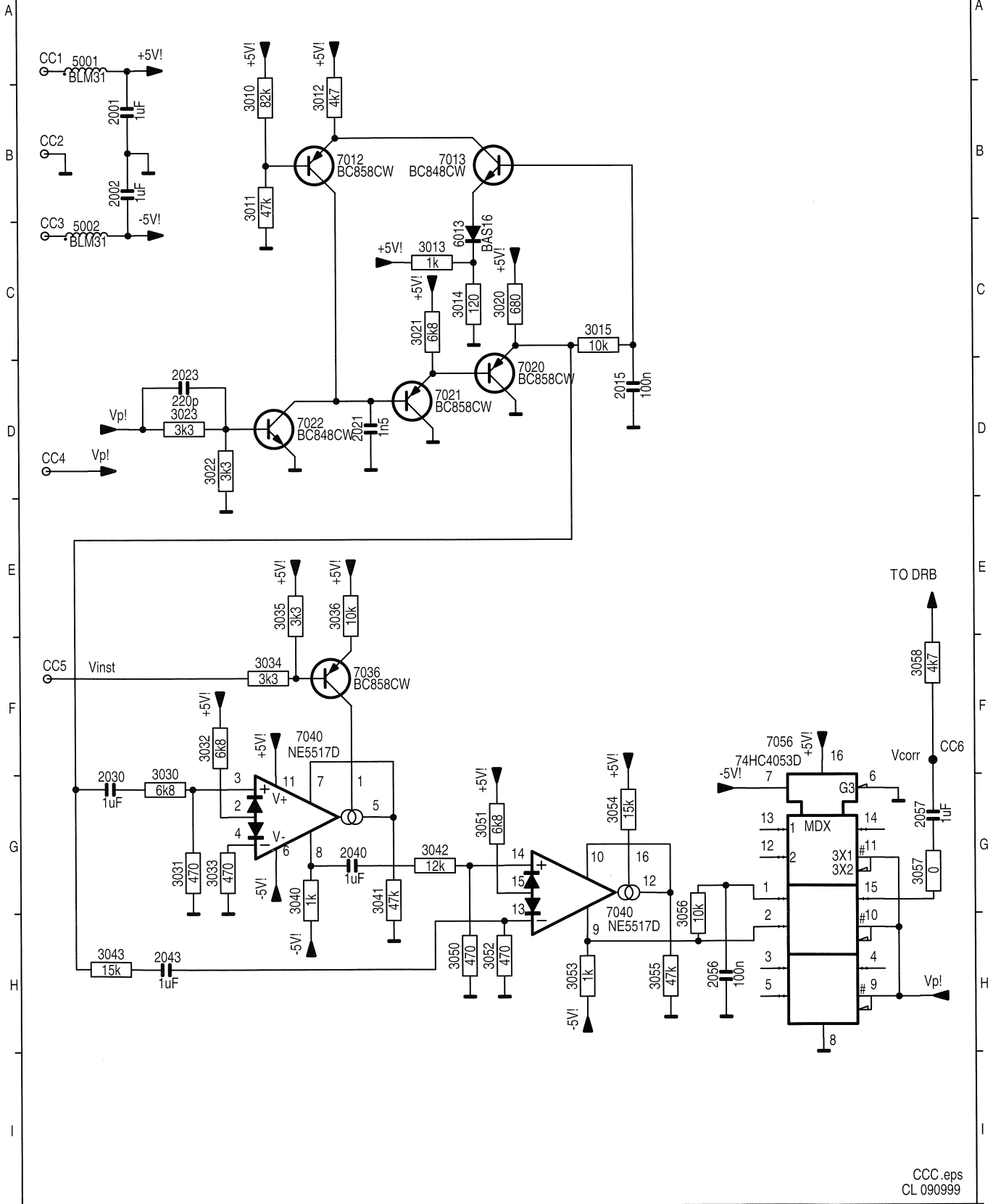
CC3C1 CC4D1 CC5F1 CC6F6

COLOUR CORRECTION PANEL



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1007 C 6 1008 D 4 1009 D 4 1010 D 5 1011 D 6
1012 D 4 1013 D 4 1014 D 5 1015 D 6 2001 B 2
2002 C 2 2003 D 2 2004 D 2 2005 E 2 2006 E 2
2007 F 2 2008 G 2 2010 I 3 2011 I 3 2012 H 4
3001 B 2 3002 C 2 3003 C 2 3004 D 2 3005 E 2
3006 B 2 3007 F 2 3008 F 2 3010 H 2 3011 I 2
3012 I 6 3013 I 6 3014 I 6 3015 I 7 3016 H 6
3017 H 7 3021 K 3 3022 K 4 3023 K 4 3024 K 5
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K29 J 9 K30 B 1

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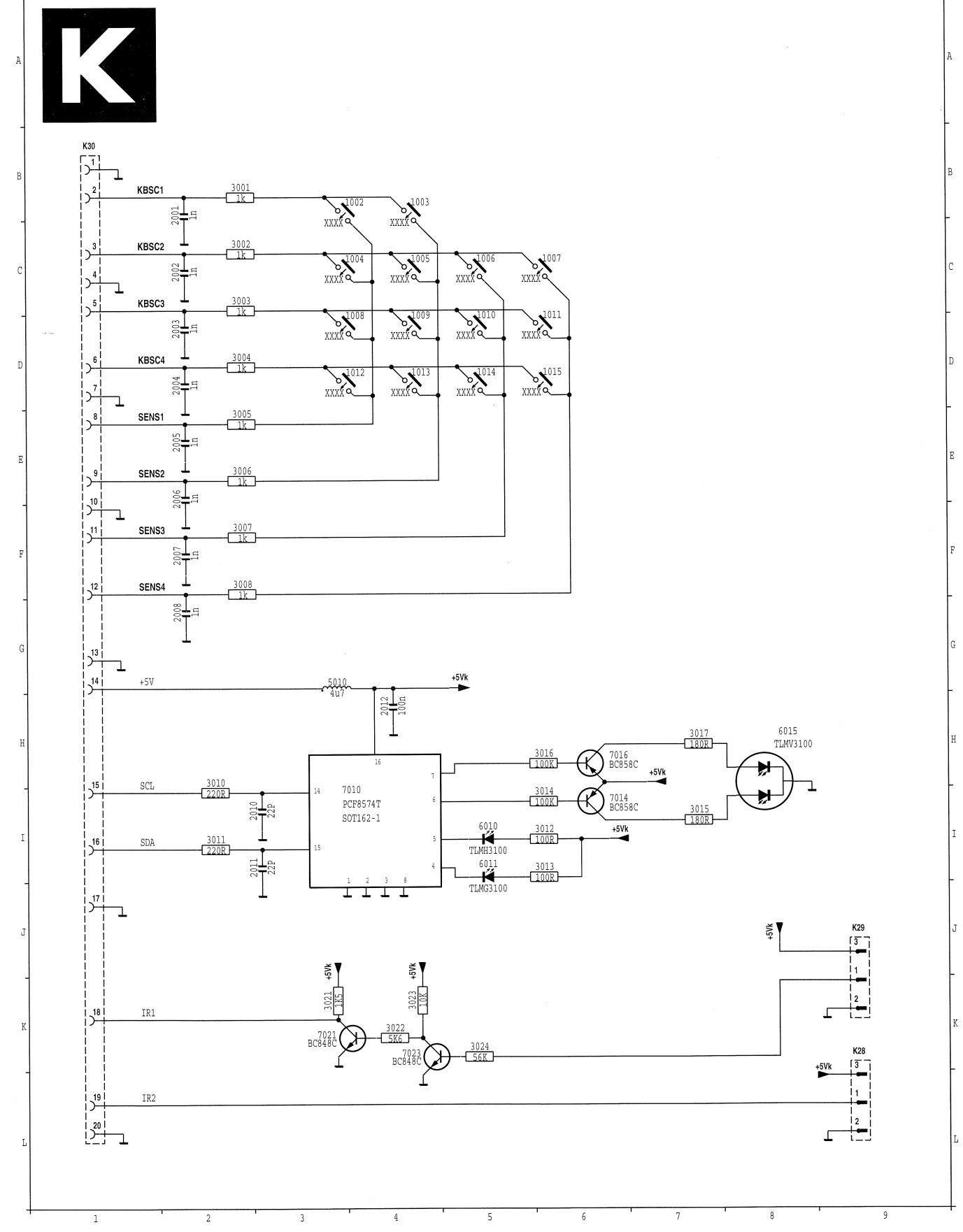

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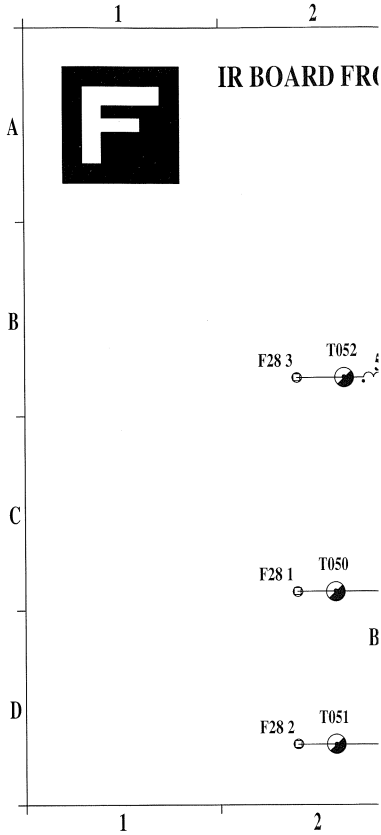
F

IR BOARD FRO



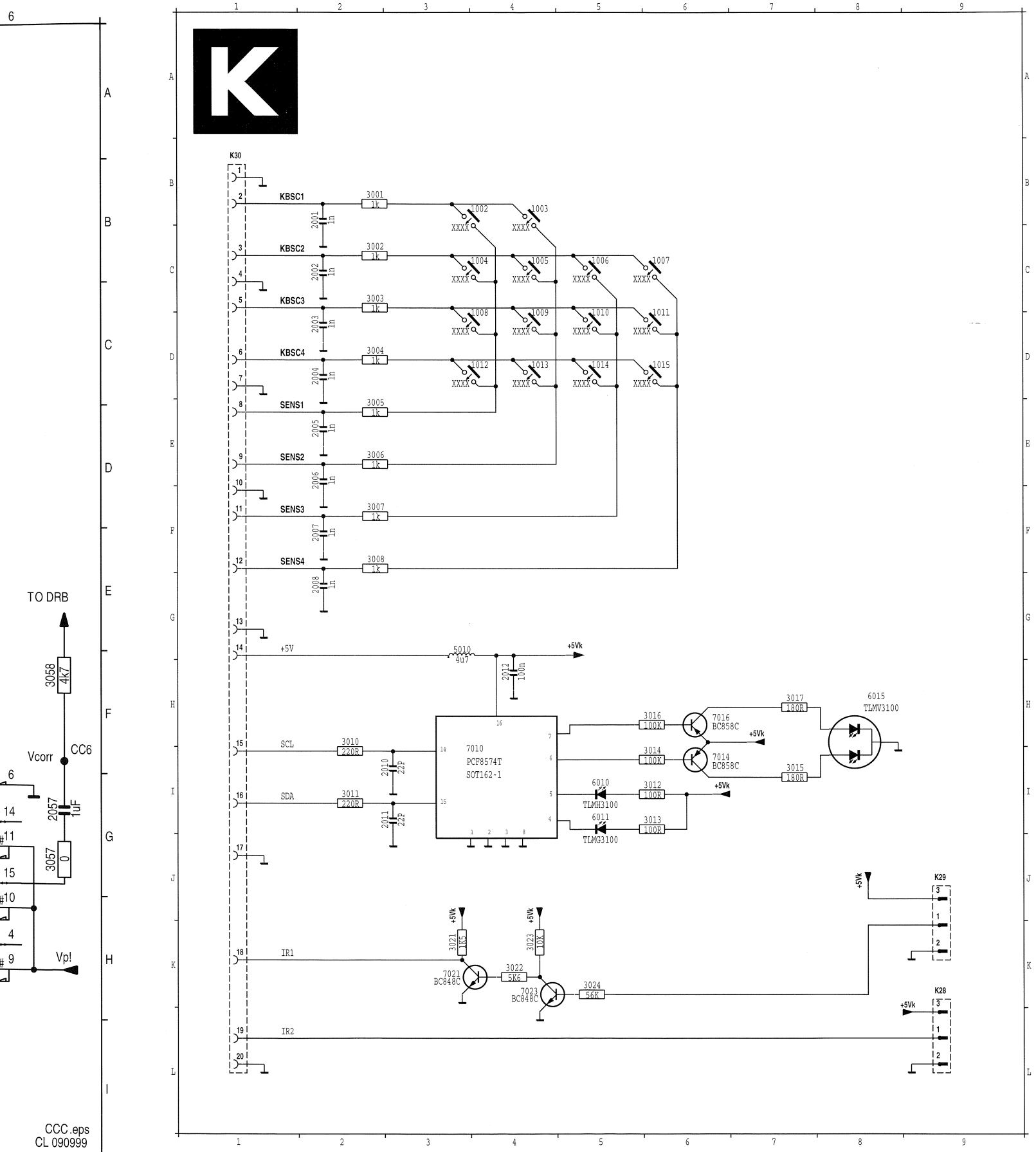
1001 A5 2001 A4 3001 A 3

T

IR BOARD TOP

CC3C1
CC4D1
CC5F1
CC6F6

1002 B 4 1003 B 4 1004 C 4 1005 C 4 1006 C 5 1007 C 6 1008 D 4 1009 D 4 1010 D 5 1011 D 6 1012 D 4 1013 D 4 1014 D 5 1015 D 6 2001 B 2 2002 C 2 2003 D 2 2004 D 2 2005 E 2 2006 E 2 2007 F 2 2008 G 2 2010 I 3 2011 I 3 2012 H 4 3001 B 2 3002 C 2 3003 C 2 3004 D 2 3005 E 2 3006 E 2 3007 F 2 3008 H 2 3010 I 2 3011 I 2 3012 I 6 3013 I 6 3014 I 6 3015 I 7 3016 H 6 3017 H 7 3021 K 3 3022 K 4 3023 K 4 3024 K 5 5010 G 3 6010 I 5 6011 I 5 6015 H 8 7010 I 3 7014 I 6 7016 H 6 7021 K 3 7023 K 4 K28 K 9 K29 J 9 K30 B 1



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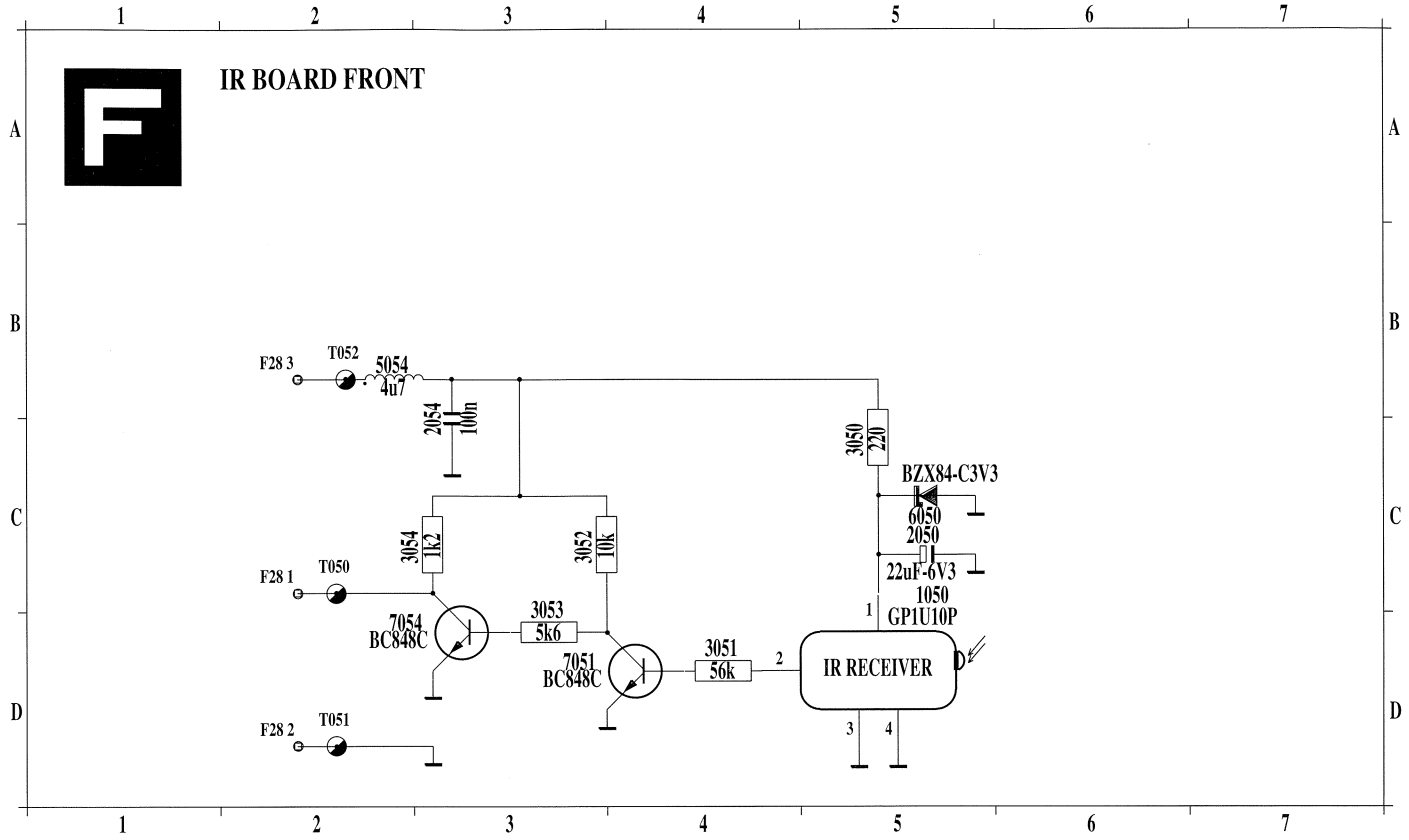

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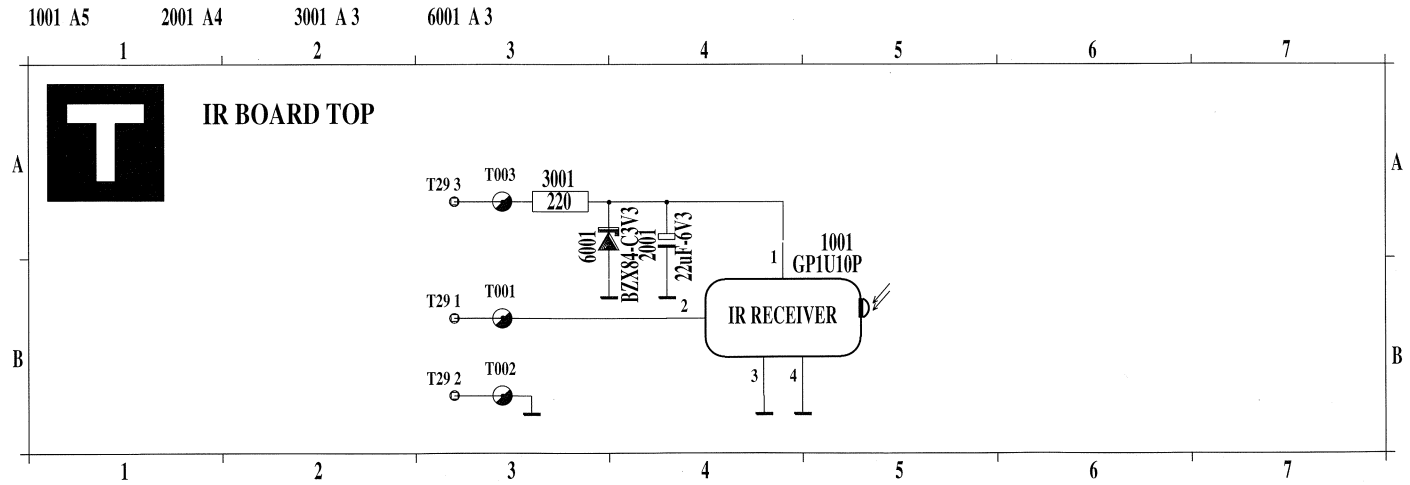

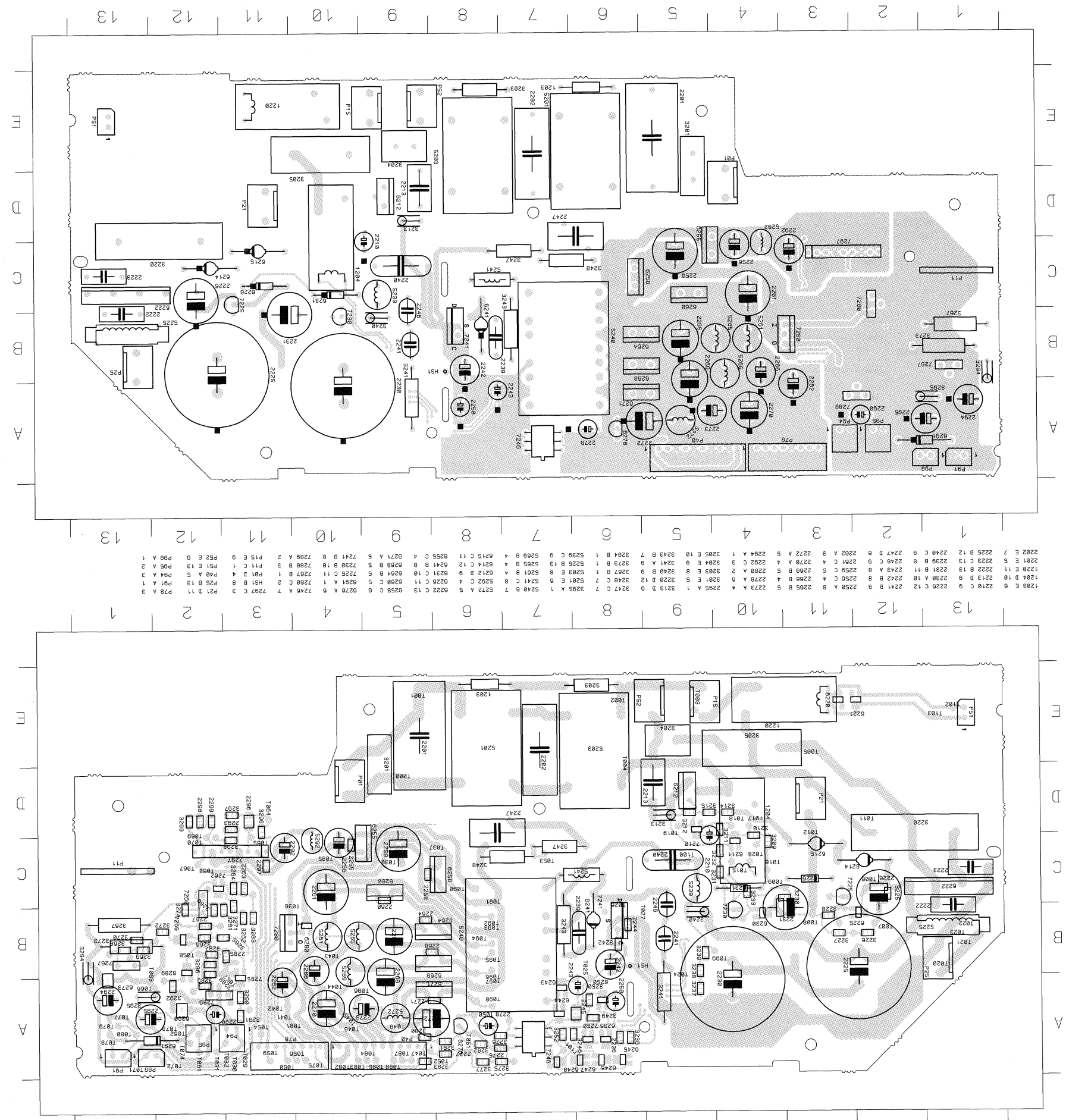

ADDRESS 4EH

ADDRESS 90H

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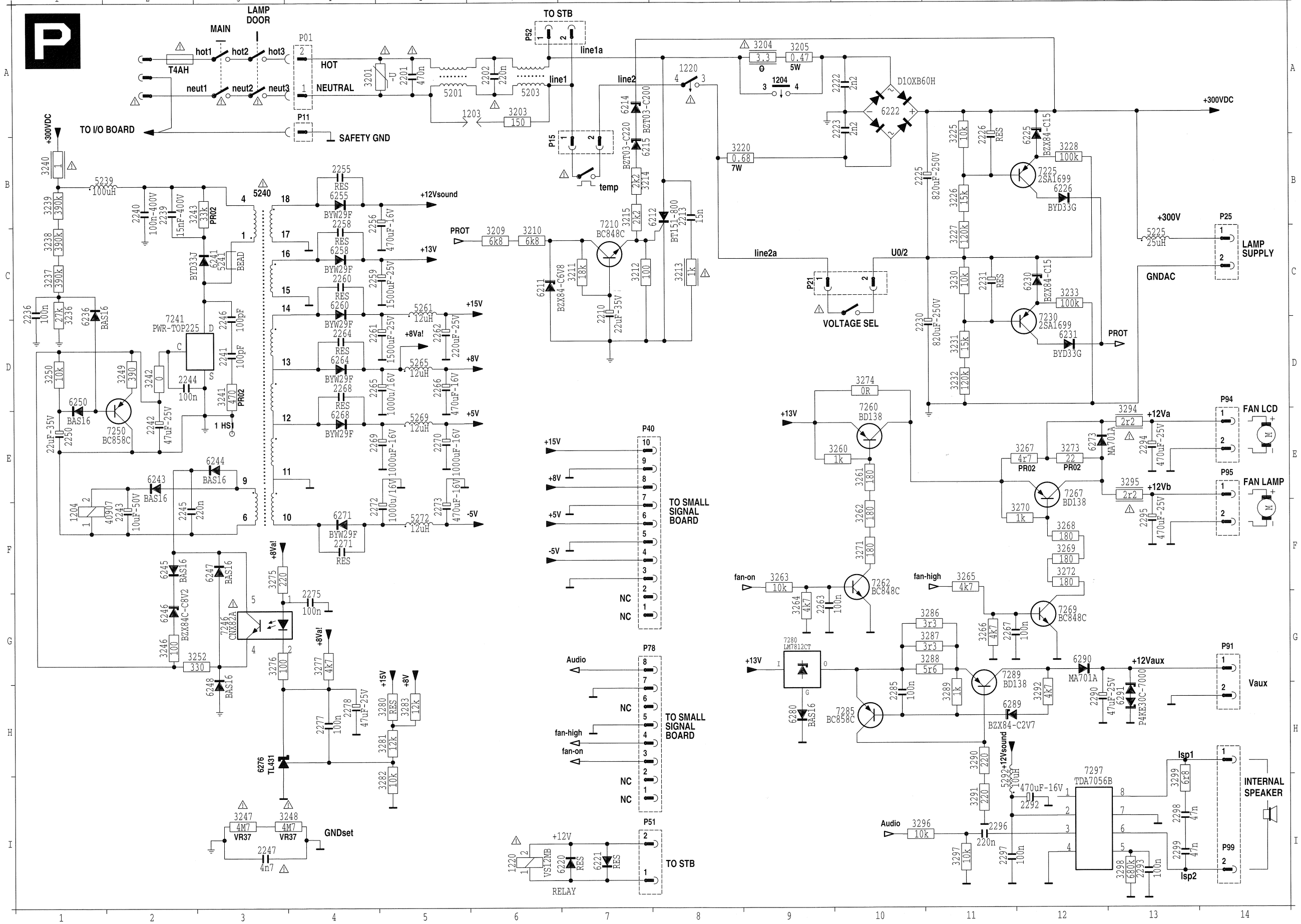

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1220 I 6
1220 I 8
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2202 A 6
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2213 B 8
2222 A10
2223 A10
2225 B10
2226 A11
2230 D10
2231 C11
2236 C 1
2239 B 2
2240 B 2
2241 D 3
2242 E 2
2243 F 2
2244 D 2
2245 F 2
2246 C 3
2247 I 3
2250 E 1
2255 B 4
2256 B 4
2258 B 4
2259 C 4
2260 C 4
2261 D 4
2262 D 5
2263 G 9
2264 D 4
2265 D 4
2266 D 5
2267 G11
2268 D 4
2269 E 4
2270 E 5
2271 F 4
2272 F 4
2273 F 5
2275 G 4
2277 H 4
2278 H 4
2285 H10
2290 H12
2292 I12
2293 I13
2294 E13
2295 F13
2296 I11
2297 I11
2298 I13
2299 I13
3201 A 4
3203 A 6
3204 A 9
3205 A 9
3209 C 6
3210 C 6
3211 C 7
3212 C 7
3213 C 8
3214 B 7
3220 B 9
3225 A11
3226 B11
3227 C11
3228 B12
3230 C11
3231 D11
3232 D11
3233 C12
3236 C 1
3237 C 1
3238 C 1
3239 B 1
3240 B 1
3241 D 3
3242 D 2
3243 B 3
3246 G 2
3247 I 3
3248 I 4
3249 D 2
3250 D 1
3252 G 3
3260 E10
3261 E10
3262 F10
3263 F 9
3264 G 9
3265 F11
3266 G11
3267 E12
3268 F12
3269 F12
3270 F12
3271 F10
3272 F12
3273 E12
3274 D10
3275 F 3
3276 G 3
3277 G 4
3280 H 5
3281 H 5
3282 I 5
3283 H 5
3286 G11
3287 G11
3288 G11
3289 H11
3290 G12
3291 H13
3292 I11
3294 I12
3295 I13
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3297 I11
3298 I13
3299 I13
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5203 A 6
5225 C13
5239 B 2
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5241 C 3
5261 C 5
5265 D 5
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5292 I11
6211 C 6
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6214 A 7
6215 B 7
6220 I 7
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6222 A10
6225 B12
6226 B12
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6260 C 4
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7210 C 7
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7269 G12
7280 G 9
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7289 G11
7297 H12
HS1 E 3
P01 A 4
P11 A 4
P15 A 6
P21 C 9
P25 B14
P40 E 7
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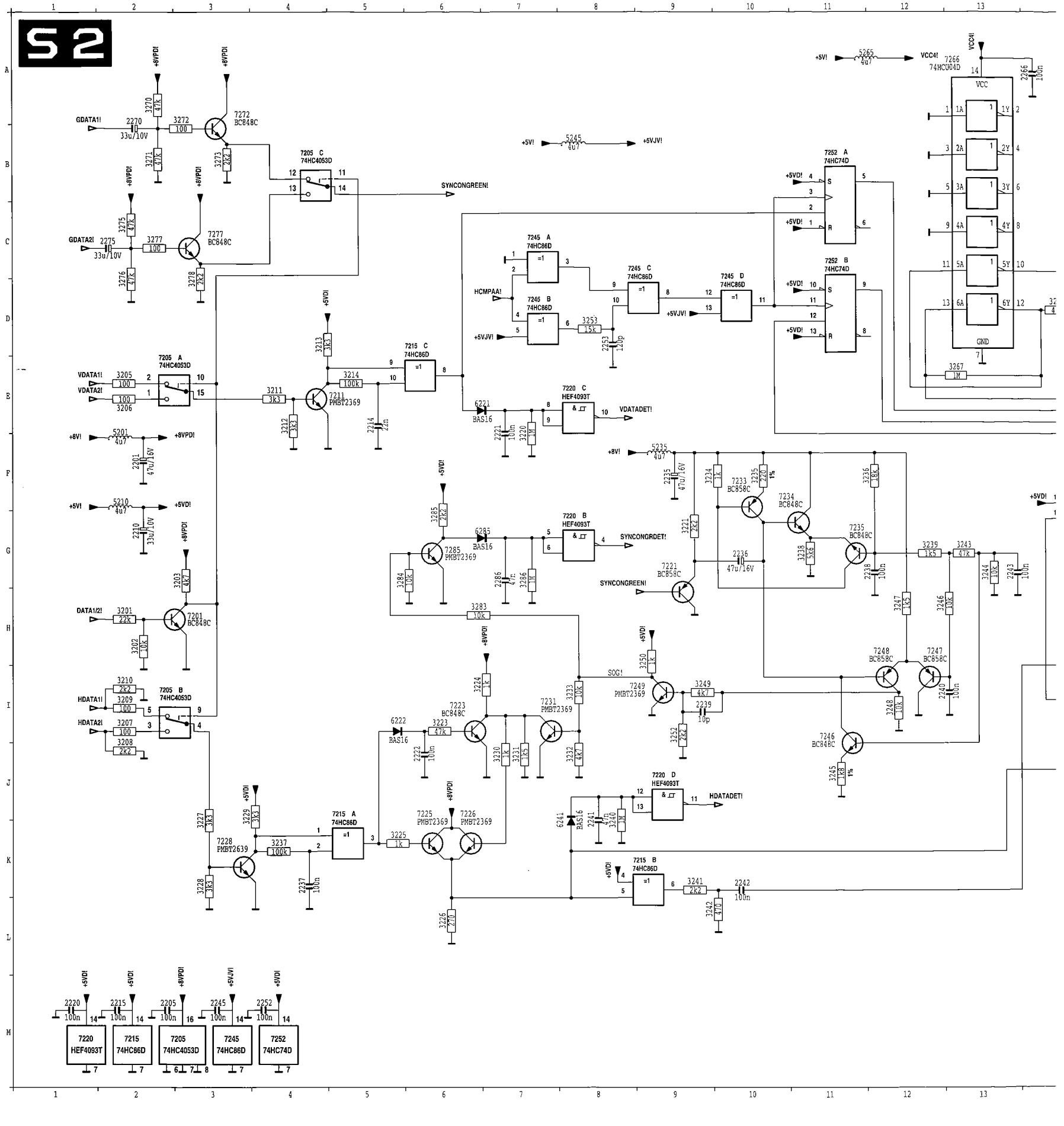
P91 G14
P94 D14
P95 E14
P99 I14

ADDRESS 46H

ADDRESS 90H

ADDRESS 88H

Notes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GDATA2!
VDATA1!
VDATA2!
HDATA1!
HDATA2!
DATA1/2!
HCMPAA!
SYNCONGREEN!
SYNCONGRDET!
VDATADET!
HDATADET!
SOG!
+5V!
+5VJV!
+5VD!
+8V!
+8VPD!
VCC4!
GND
7205 C 74HC4053D
7205 A 74HC4053D
7205 B 74HC4053D
7252 A 74HC74D
7252 B 74HC74D
7245 A 74HC86D
7245 B 74HC86D
7245 C 74HC86D
7245 D 74HC86D
7215 A 74HC86D
7215 B 74HC86D
7215 C 74HC86D
7220 B HEF4093T
7220 C HEF4093T
7220 D HEF4093T
7266 74HC004D
7272 BC84BC
7277 BC848C
7201 BC848C
7223 BC848C
7234 BC848C
7235 BC848C
7246 BC848C
7233 BC858C
7221 BC858C
7247 BC858C
7248 BC858C
7249 PMBT2369
7231 PMBT2369
7225 PMBT2369
7226 PMBT2369
7228 PMBT2639
7285 PMBT2369
6221 BAS16
6222 BAS16
6241 BAS16
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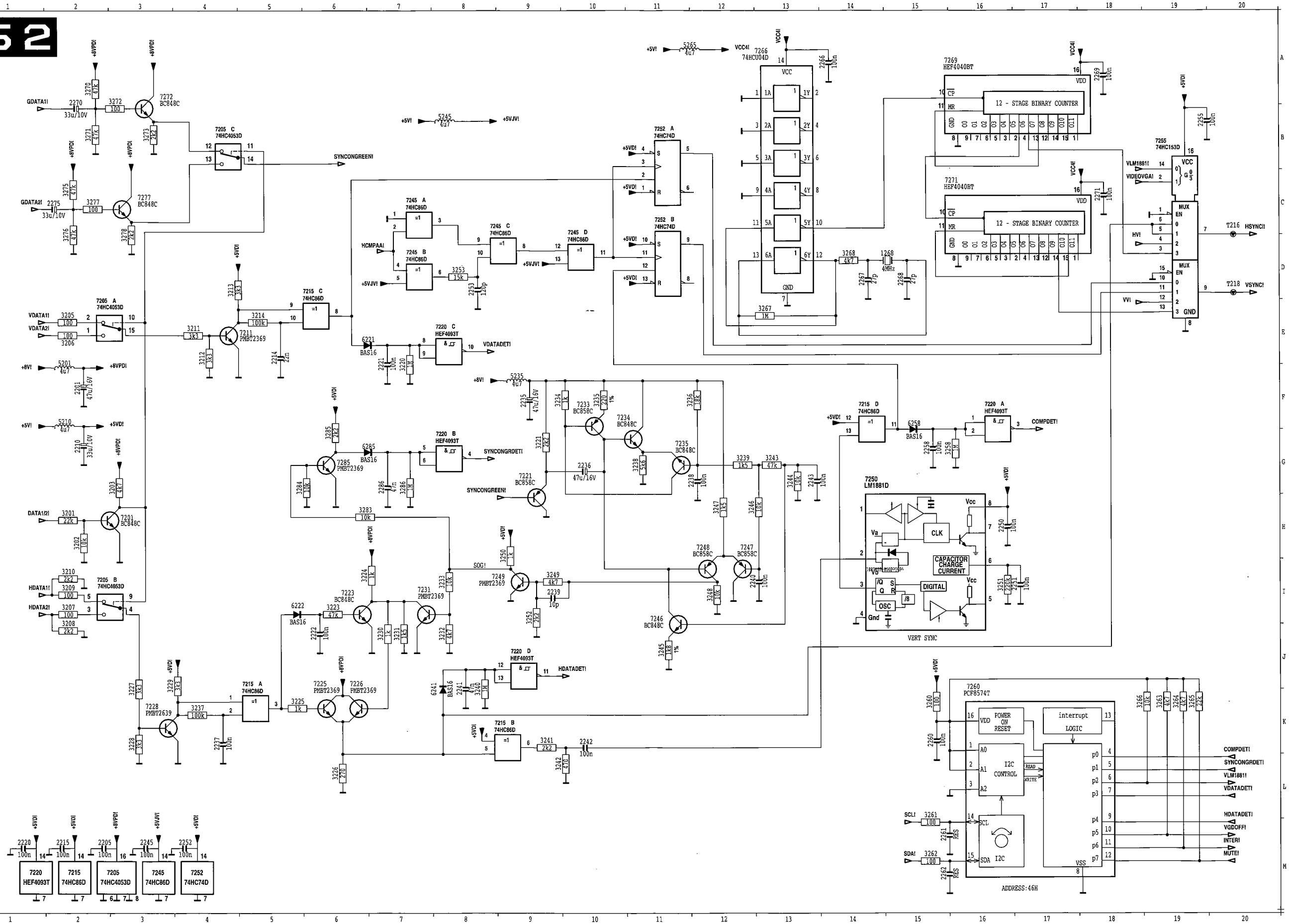
7220 HEF4093T
7215 74HC86D
7205 74HC4053D
7245 74HC86D
7252 74HC74D

S2



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2214	E 2	7272	A 3
2215	M 2	7277	C 3
2220	M 1	7285	G 6
2221	E 7	T216	C20
2222	J 6	T218	D20
2235	F 9		
2236	G10		
2237	K 4		
2238	G12		
2239	I 9		
2240	I12		
2241	J 8		
2242	K10		
2243	G13		
2245	M 3		
2250	H16		
2251	I17		
2252	M 4		
2253	D 8		
2255	B19		
2258	G15		
2260	K15		
2261	M15		
2262	M15		
2266	A14		
2267	D14		
2268	D15		
2269	A18		
2270	A 2		
2271	C18		
2275	C 2		
2286	G 7		
3201	H 2		
3202	H 2		
3203	G 1		
3205	E 2		
3206	D 2		
3207	I 2		
3208	J 2		
3209	I 2		
3210	I 2		
3211	B 4		
3212	B 5		
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3214	B 5		
3220	B 7		
3221	G 9		
3223	I 6		
3224	I 6		
3225	K 5		
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3227	J 3		
3228	K 3		
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3285	G 6		
3286	G 7		
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7245	D 7		
7245	C 8		
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7246	I11		
7247	H12		
7248	H12		
7249	I 9		
7250	G14		
7252	B11		
7252	C11		
7255	B19		

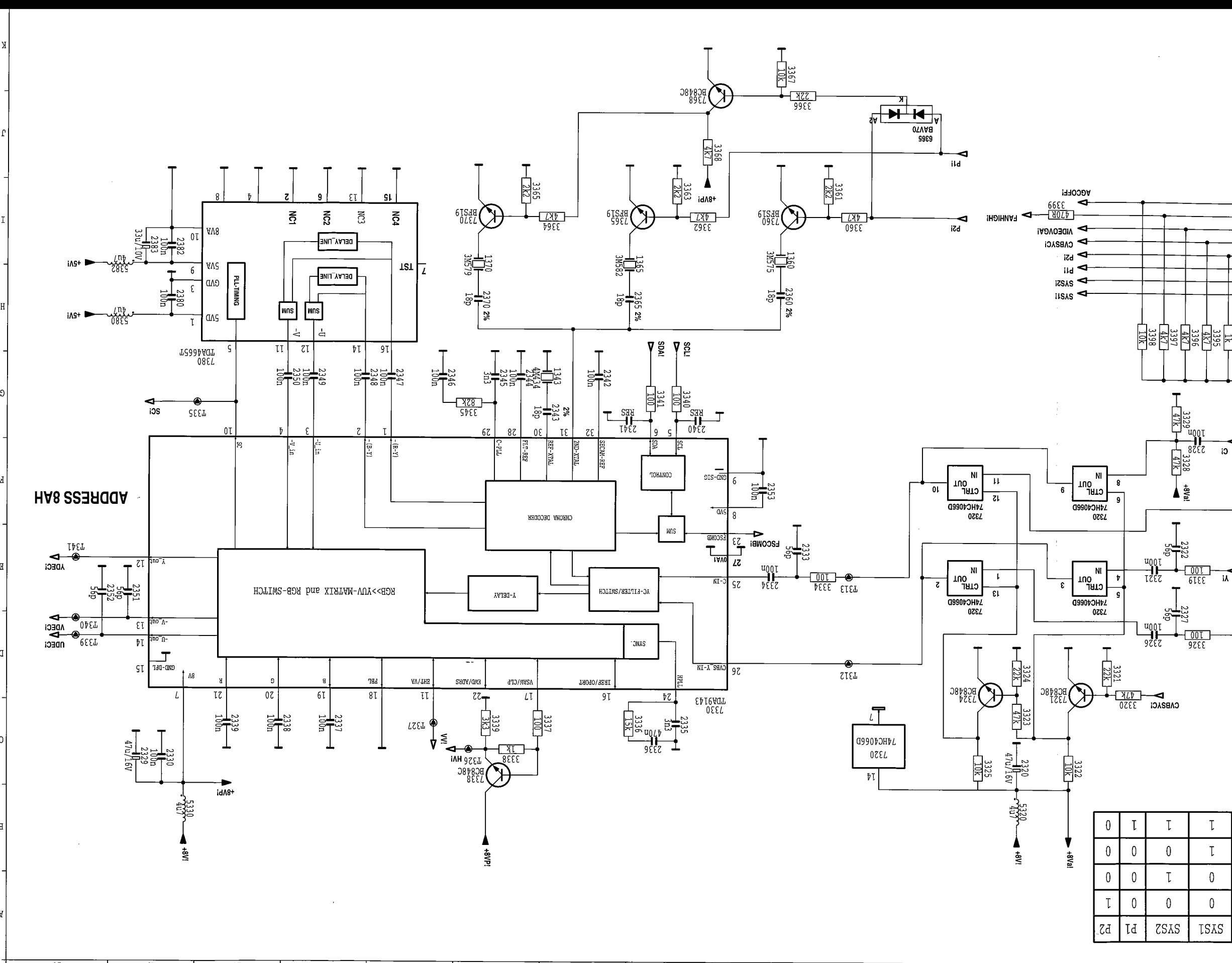
S3

SAA 4961	SYS1	SYS2	P1	P2
PALM	0	0	0	1
PAL B,G,H,D,I	0	1	0	0
NTSC M	1	0	0	0
PAL N	1	1	1	0

7305
SAA4961

7390
PCF8574T

ADDRESS : 44H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TDA4665T
TDA9143
RGB->YUV-MATRIX and RGB-SWITCH
CHROMA DECODER
VC-FILTER/SWITCH
Y-DELAY
SYNC.
DELAY_LINE
PLL-TIMING
SUM
CONTROL
74HC4066D
BC848C
BAV70
BFS19
SYS1 SYS2 P1 P2
1 1 1 0
1 0 0 0
0 1 0 0
0 0 0 1

S 4

7405
TDA9170

UDEC! 2408 10n → 5 UIN
VDEC! 2409 10n → 7 VIN
13 AMPSEL
YDEC! 2410 100n, 2403 RES → 12 YIN
SCL! 3408 100 → 31 SCL
SDA! 3409 100, 2404 RES → 30 SDA
32 ADR
SC! 3410 1k → 10 SC
1 DWS
9 VCC
+8V! 5405 4u7, 2406 47u/16V, 2405 100n

GAIN SELECT · BLACK OFFSET · STRETCH · NONLINEAR AMPLIFIER · VARIABLE GAMMA · GAIN SELECT · SATURATION CONTROL
IIC BUS · TIMING GENERATOR · VOLTAGE REFERENCE · HISTOGRAM MEASUREMENT · HMx PROCESS · BLACK DETECTOR
clamp · blank · window · store · discharge · filter · offset · HMx · HMx' · HMa'

GND 8 · NDET 24 · WAGC 25 · VREF 6 · HIM1 16 · HM2 17 · HM3 18 · HM4 19 · HM5 20 · TAUHM 22 · TAUBP 14 · TAUBL 15
2411 100n, 2412 22n, 2413 RES 0, 2414 100n, 2415 22n, 2416 10n, 2417 10n, 2418 10n, 2419 10n, 2420 10n, 2421 100n, 2425 RES 0, 3425

UOUT 28 → 2422 10n → T403 7
VOUT 26 → 2423 10n → T405 9
YOUT 21 → 2424 100n → T407 5
VARGAM 2
AMPNLA 3
BOF 11
ABS 4
DT 27
FM 29
HMW 23

ADDRESS DOH

7430
TDA9177

+8V! 5430 4u7
+8VB! → 2430 100n, 2431 10u 47u/16V → 21 VCC
VREF! → 6 ADR
SCL! → 2432 RES, 3432 100 → 12 SCL
SDA! → 2433 RES, 3433 100 → 13 SDA
FLOW! → 3 ADEXT1, 10 ADEXT2

Uin · Vin · Yin
Yout 20 · Uout 18 · Vout 16 · SC 1
GND 19 · REXT 24 · VREF 23 · COR 2 · LWC 4 · PEAK 11 · SNC 15 · STEEP 22 · CFS 8 · AMS 14 · FHS 17
2% 3434 10k → VREF!
2434 100n

ADDRESS EOH

7470 BC848C, 3470 100, 2470 47n, 3471 470
7472 BC848C, 3472 100, 2472 22n, 3473 470
7474 BC848C, 3474 100, 2474 22n, 3475 470
+8VB! · T415 · T417 · T419
3439 1k → SC!
3440 100

7440
TDA4780

2450 RES, 3450 330 → SCL!
3451 330 → SDA!!
2451 RES, 2452 100n, 2453 100n
28 · 27 · 2 · 3
8 · 6 · 7 · 13
2446 100n → 10
2447 100n → 11
2448 100n → 12
14
MATR Y · CUT OFF CONTR

7491 BC848C, 7492 BC848C, 3491 100, 3492 100, 3493 470 → T429 RV!
7494 BC848C, 7495 BC848C, 3494 100, 3495 100, 3496 470 → T430 GV!
7497 BC848C, 7498 BC848C, 3497 100, 3498 100, 3499 470 → T431 BV!
+8LLL! · PIN24! · PIN22! · PIN20!
3479 2k2
2478 4u7/25V, 3478 10k

9 · 5 · 15 · 17
5440 4u7, 2440 100n, 2441 10u, 3456 330u, 120k, 3457 150k, 2457 22u, 1u/50V, 2458 100n
+8LLL! · +8V!
7455 BC848C, 3455 1k, PEW! 3453 10k, 3454 4k7

7430
TDA9177

Uin
Vin
Yin
VCC
ADR
SCL
SDA
ADEXT1
ADEXT2
Yout
Uout
Vout
SC
GND
REXT
VREF
COR
LWC
PEAK
SNC
STEEP
CFS
AMS
FHS

ADDRESS EOH

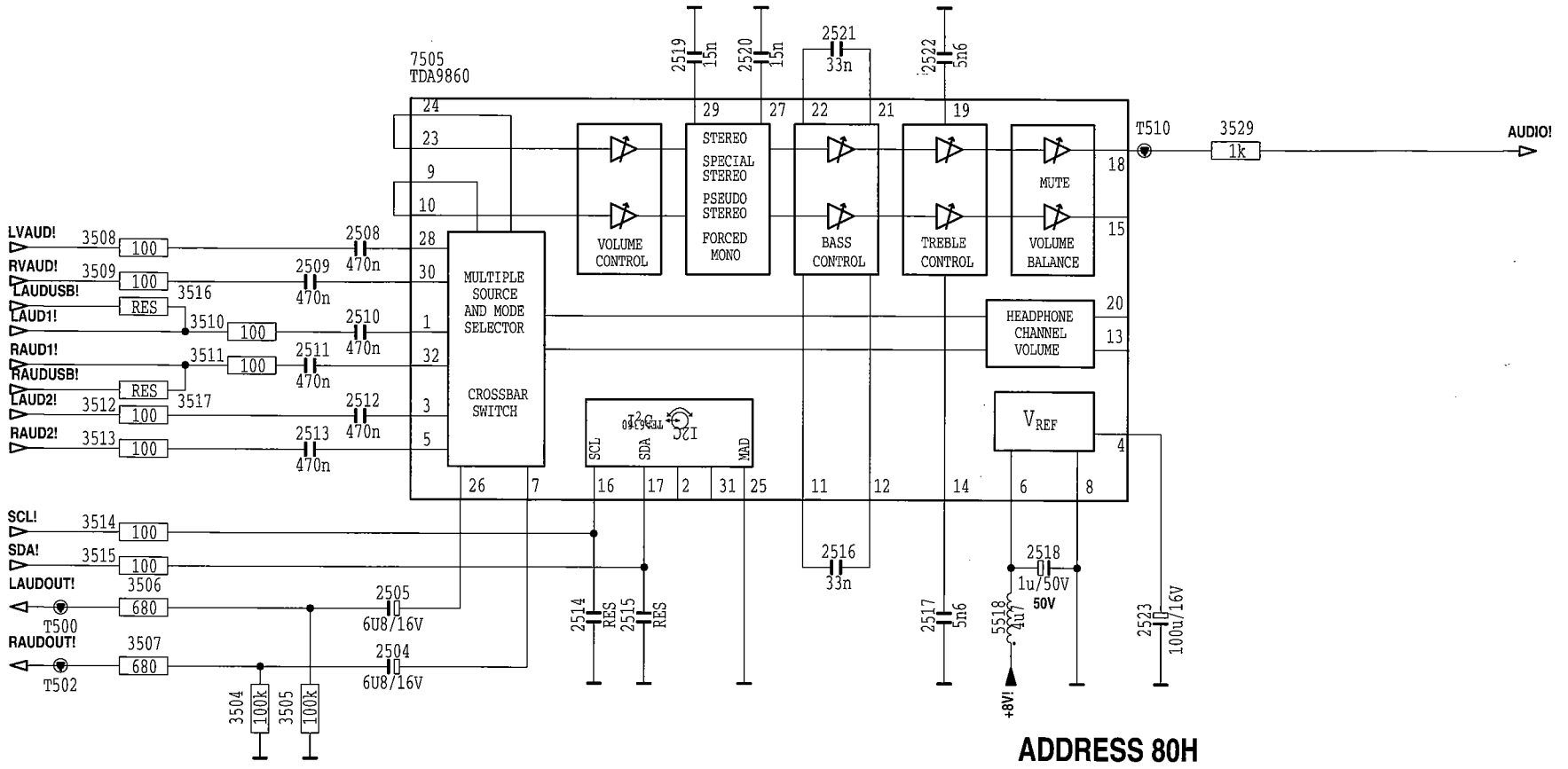
7440
TDA4780

MATR
Y
CUT
OFF
CONTR

ADDRESS 4E 01 + 88H

2403	C 2
2404	D 2
2405	F 2
2406	F 1
2408	B 2
2409	C 2
2410	C 2
2411	F 2
2412	F 3
2413	F 3
2414	F 3
2415	F 4
2416	F 4
2417	F 4
2418	F 5
2419	F 5
2420	F 6
2421	F 6
2422	B 7
2423	C 7
2424	C 7
2425	F 7
2430	B 9
2431	B 9
2432	B10
2433	B10
2434	E 9
2440	H17
2441	H17
2446	B14
2447	F14
2448	G14
2450	B16
2451	B17
2452	B17
2453	B18
2454	B19
2455	C21
2457	H18
2458	H18
2459	H18
2460	H19
2461	H19
2462	H19
2463	H20
2470	B14
2472	C14
2474	E14
2478	I11
3408	D 1
3409	D 1
3410	D 2
3412	F 3
3425	F 7
3432	B10
3433	B11
3434	E 8
3439	E13
3440	G13
3450	B16
3451	B17
3453	I16
3454	I16
3455	I17
3456	H17
3457	H18
3458	D21
3470	B13
3471	B14
3472	C13
3473	D14
3474	D13
3475	E14
3478	I12
3479	H12
3491	F 9
3492	F11
3493	F10
3494	G 9
3495	G11
3496	H10
3497	I 9
3498	I11
3499	J10
5405	F 1
5430	A 8
5440	H16
7405	B 2
7430	B 8
7440	B15
7455	I16
7470	A13
7472	C13
7474	D13
7491	F 9
7492	F11
7494	G 9
7495	G11
7497	I 9
7498	I11
T403	B 7
T405	C 7
T407	C 7
T415	B14
T417	C14
T419	E14
T429	F12
T430	H12
T431	I12

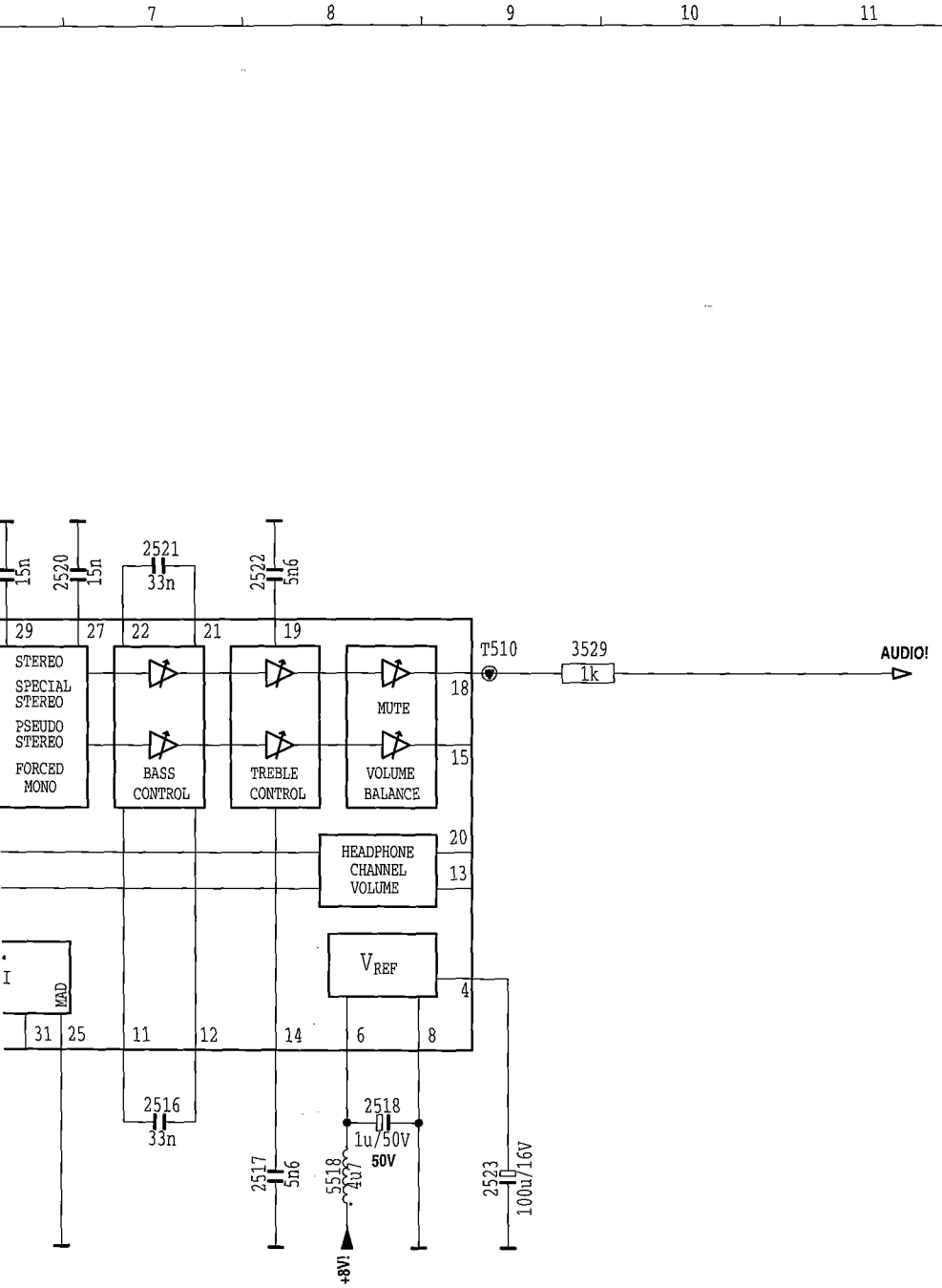
S5



ADDRESS 80H

2504	G	4
2505	F	4
2508	D	4
2509	D	4
2510	E	4
2511	E	4
2512	E	4
2513	E	4
2514	G	6
2515	G	6
2516	F	7
2517	G	8
2518	F	8
2519	C	6
2520	C	7
2521	C	7
2522	C	8
2523	G	9
3504	G	3
3505	G	4
3506	F	3
3507	G	3
3508	D	3
3509	E	3
3510	E	3
3511	E	3
3512	E	3
3513	F	3
3514	F	3
3515	F	3
3516	E	3
3517	E	3
3529	D	9
5518	G	8
7505	C	4
T500	G	2
T502	G	2
T510	D	9

Notes



ADDRESS 80H

	2504	G	4
	2505	F	4
	2508	D	4
	2509	D	4
	2510	E	4
	2511	E	4
	2512	E	4
A	2513	E	4
	2514	G	6
	2515	G	6
	2516	F	7
	2517	G	8
	2518	F	8
	2519	C	6
	2520	C	7
	2521	C	7
	2522	C	8
	2523	G	9
	3504	G	3
B	3505	G	4
	3506	F	3
	3507	G	3
	3508	D	3
	3509	E	3
	3510	E	3
	3511	E	3
	3512	E	3
	3513	F	3
	3514	F	3
	3515	F	3
C	3516	E	3
	3517	E	3
	3529	D	9
	5518	G	8
	7505	C	4
	T500	G	2
	T502	G	2
	T510	D	9

D

E

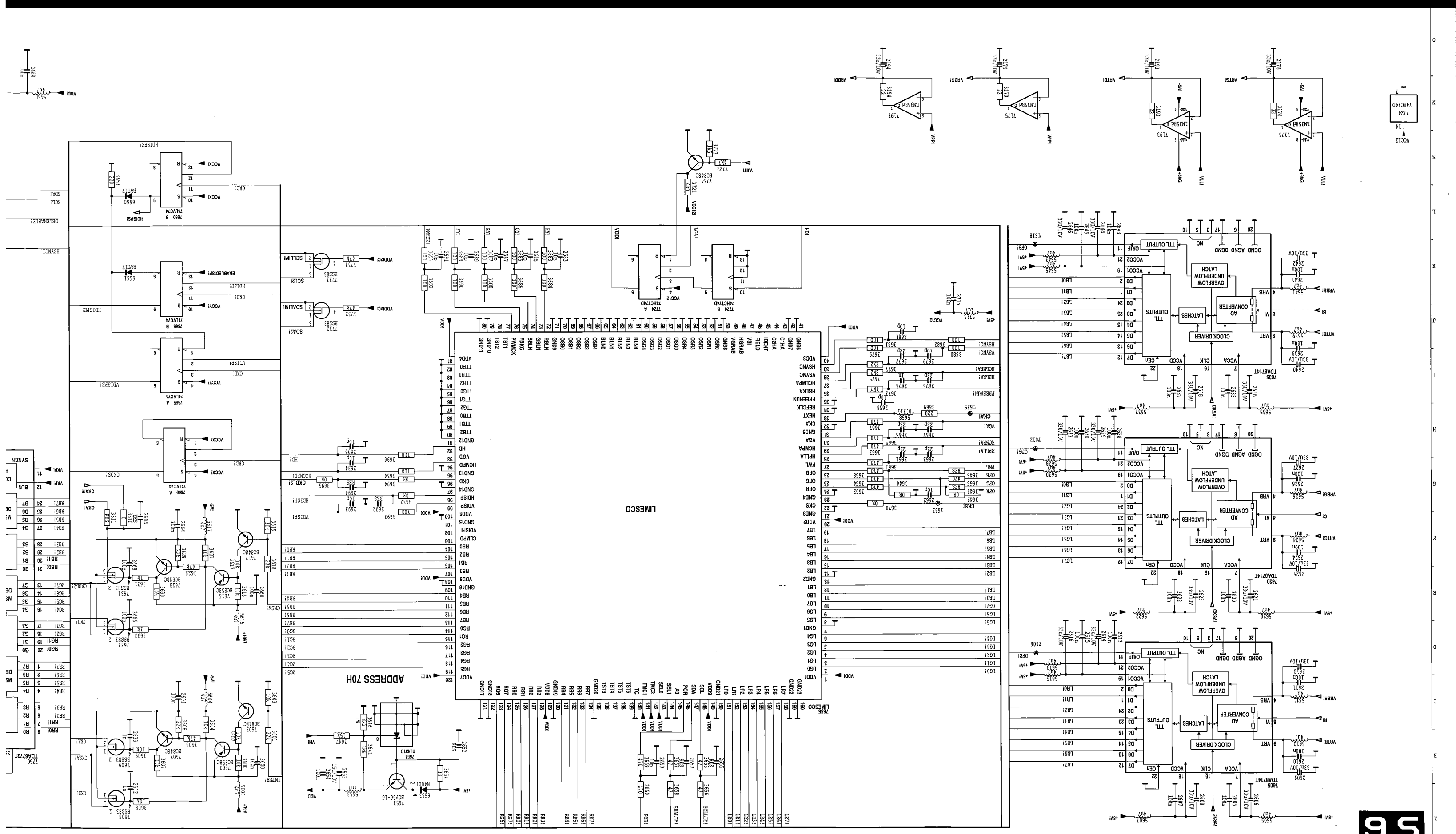
F

G

H

I

Notes


LIMESCO
ADDRESS 70H
TDA8741T
TTL OUTPUT
LATCHES
OUTPUTS
CLOCK DRIVER
OVERFLOW UNDERFLOW LATCH
AD CONVERTER
74HCT74D
74HCT240
74HCT04D
74HC74D
74LVQ74
LM358
BC848C
BC856-16
1N4001 ~ 7
TL431
BSS83
BAT17
VDDI
VDDO
+5VI
+5VO
AGND
DGND
VCCI
VCCO
VRTGI
VRBGI
VRTBI
VRBBI
VRTGO
VRBGO
VRTBO
VRBBO
VCC12
VCC12I
VCC12O
VDDO1
VDDO2
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CKSAI
CKSAO
CKSI
CKSO
CKDI
CKDO
CKAI
CKAO
HDISPI
HDISPO
VDISPI
VDISPO
ENABLEDISPI
ENABLEDISPO
SCLI2I
SCLI2O
SDAI2I
SDAI2O
SCLLMI
SDALMI
SCLLMO
SDALMO
HDI
HDO
VDI
VDO
CKDLI2I
CKDLI2O
CKSWI
CKSWO
CKAWI
CKAWO
INTRQI
INTRQO
VHI
VHO
VSI
VSO
HSI
HSO
HSYNCI
HSYNCO
VSYNCI
VSYNCO
DELENABLEI
DELENABLEO
SDAI
SDAO
SCLI
SCLO
LIMESCO
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7660 B
7665 A
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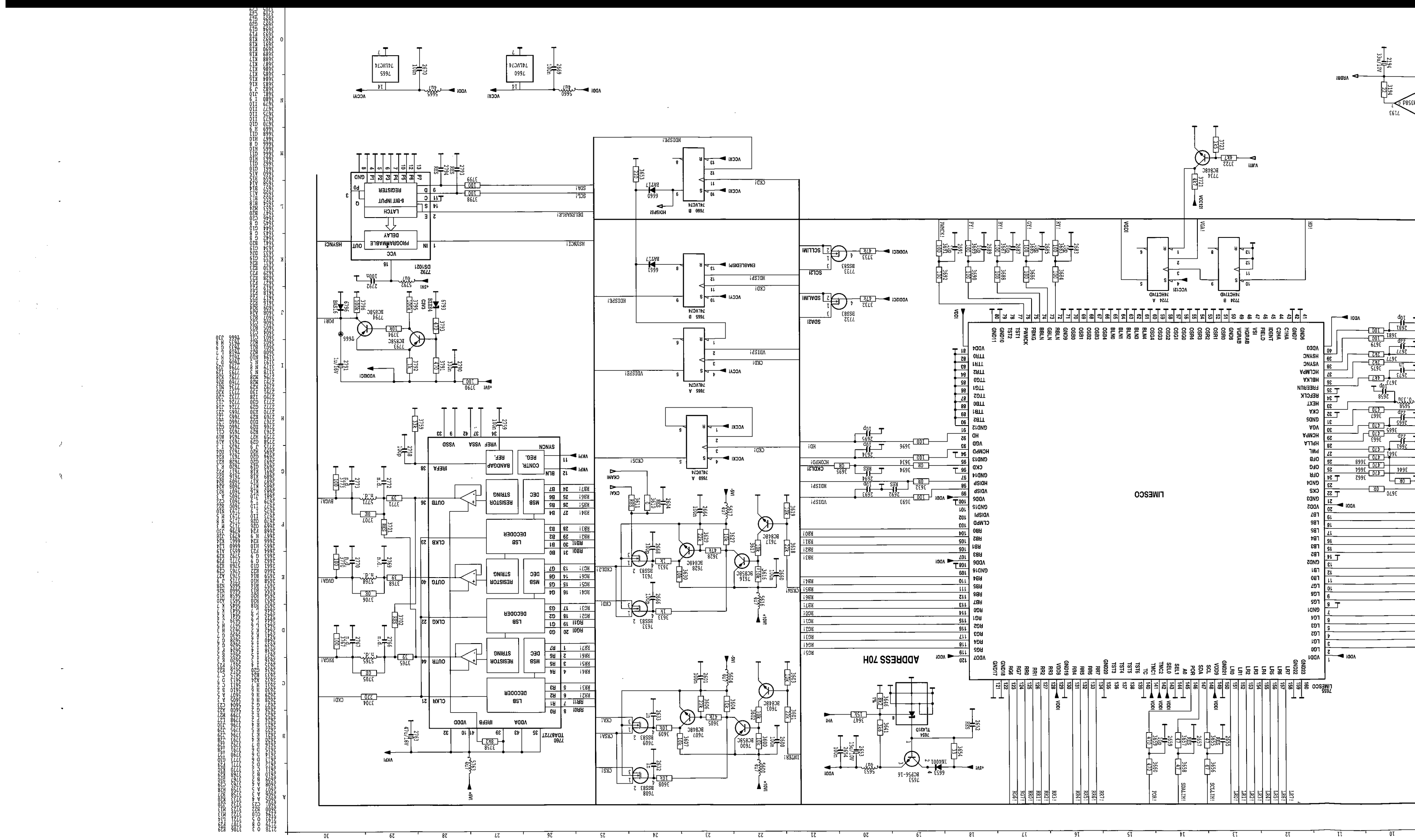
LIMESCO
ADDRESS 70H
TDA8772T
74HCT74D
74LVC74
VDDI
VCCXI
VGDI
VGA1
HDI
HDISPE!
VDISPE!
CKDISPE!
DELENABLE!
HSYNC1!
SCL1!
SDA1!
VXPI
VYPI
BGAIN1
GGAIN1
RGAIN1
CKDI
CKAI
CKSI
CKMI
CKSM1
SCL2I
SDA2I
SCLLIM
SDALIM
VGCK2I
VJMT
VRGBI
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OSG0
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GLN0
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OSR0
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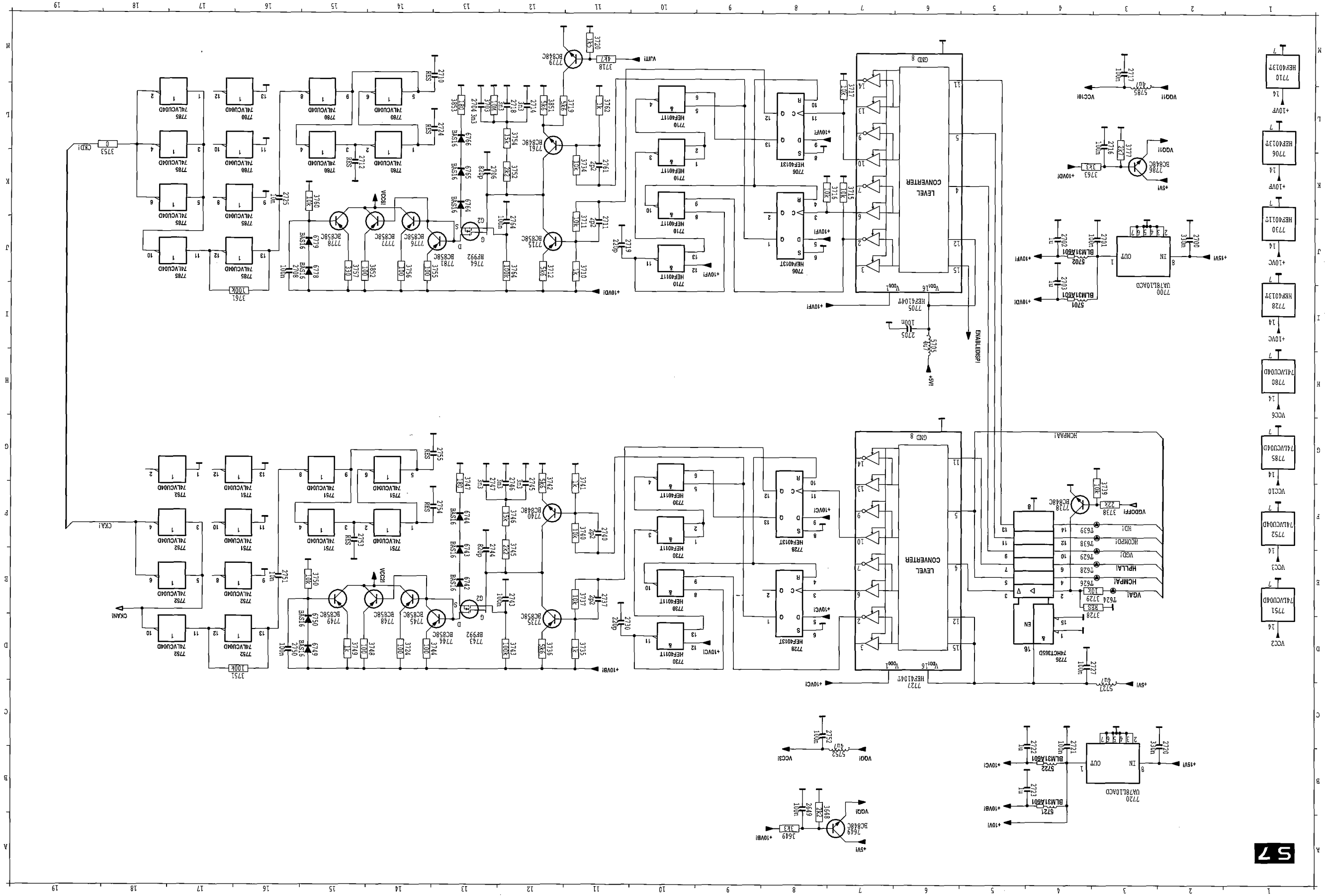
LEVEL CONVERTER
HEF4010T
HEF4011T
74LVCU04D
74HCT365D
BC858C
BC848C
BF992
BAS16
BLM31AB01
UA78L10ACD
HEF4104T
VCCI0I
VCCI1I
VCCI2I
VCCI3I
VGAI
HCMPAI
VBLLAI
HCOMPDI
VGDI
HCLI
VGDDFFI
HCMPAI
+5VI
+10VI
+10VCI
+10VFI
+10VBI
+10VDI
ENABLEBBFI
CKAI
CKDI
VCCK
VCC10
VCC3
VCC2
VCC1
VCC0
S7

S8

S26 1 VDATA2!
S26 2 SCLDATA2!
S26 3
S26 4 BDATA2!
S26 5
S26 6 GDATA2!
S26 7
S26 8 RDATA2!
S26 9
S26 10 C!
S26 11 Y!
S26 12
S26 13 VID!
S26 14
S26 15 LVAUD!
S26 16
S26 17 RVAUD!
S26 18
S26 19 LAUD1!
S26 20
S26 21 RAUD1!
S26 22
S26 23 LAUD2!
S26 24
S26 25 RAUD2!
S26 26
S26 27 LAUDOUT!
S26 28
S26 29 RAUDOUT!
S26 30 MUTE!

S27 1 VCCADB2!
S27 2 RTS2!
S27 3 DTR2!
S27 4 SERVICE!
S27 5
S27 6 TXD2!
S27 7 RXD2!
S27 8 ADBDATA2!
S27 9
S27 10 SDADATA1!
S27 11 HDATA1!
S27 12 VDATA1!
S27 13 SCLDATA1!
S27 14
S27 15 BDATA1!
S27 16
S27 17 GDATA1!
S27 18
S27 19 RDATA1!
S27 20 VCCADB1!
S27 21 RTS1!
S27 22 DTR1!
S27 23
S27 24
S27 25 TXD1!
S27 26 RXD1!
S27 27 ADBDATA1!
S27 28
S27 29 SDADATA2!
S27 30 HDATA2!

S55 1
S55 2
S55 3
S55 4 — 3624 100 — CKD!
S55 5
S55 6
S55 7
S55 8 — 3625 0R — HDISPE!
S55 9
S55 10 — 3626 100R — VDISPE!
S55 11
S55 12 — HOSO!
S55 13 — 3725 22k
S55 14 — VOSO!
S55 15 — 3726 22k
S55 16
S55 17 — SCL!
S55 18
S55 19 — SDA!
S55 20
S55 21 — FLOW!
S55 22 — 3727 22k
S55 23 — WP2!
S55 24
S55 25 — BVGA!
S55 26
S55 27 — GVGA!
S55 28
S55 29 — RVGA!
S55 30

S50 1 — PWR-ON!
S50 2
S50 3 — +5V-STBY!
S50 4 — -5V-STBY!

S40 1
S40 2
S40 3
S40 4
S40 5
S40 6
S40 7
S40 8
S40 9 NC
S40 10

S60 1
S60 2
S60 3
S60 4
S60 5
S60 6
S60 7
S60 8
S60 9
S60 10

-5Va!

S66 1 — SDA!
S66 2 — SCL!
S66 3
S66 4 — INTUSB!
S66 5
S66 6 — +5V!
S66 7
S66 8 — LAUDUSB!
S66 9
S66 10 — RAUDUSB!

S78 1 — AUDIO!
S78 2
S78 3
S78 4
S78 5 — FANHIGH!
S78 6
S78 7
S78 8

S35 1 — PWR-ON!
2795 2 10n
S35 2 — PWR-ONDF!

5796 4u7 — T974 — +15V!
2796 33u/25V
5797 10u — T975 — +8V!
2797 47u/16V
5798 10u — T976 — +5V!
2798 33u/10V
5799 4u7 — T977 — -5V!
2799 33u/10V
T978

S82 1 — FLAG!
S82 2
S82 3 — SCI!

S30 1
S30 2 — KBSC1!
S30 3 — KBSC2!
S30 4
S30 5 — KBSC3!
S30 6 — KBSC4!
S30 7
S30 8 — SENS1!
S30 9 — SENS2!
S30 10
S30 11 — SENS3!
S30 12 — SENS4!
S30 13
S30 14 — +5V-STBY!
S30 15 — SCLSTB!
S30 16 — SDASTB!
S30 17
S30 18 — IR1! — 3730 22k
S30 19 — IR2! — 3731 22k
S30 20

S1 1
S2 1
S3 1
S4 1

S5 1
S6 1
S7 1
S8 1
S9 1

2795 K14 — S55 I 6
2796 G14 — S55 I 6
2797 H14 — S58 C 6
2798 H14 — S58 C 6
2799 I14 — S6 K 4
3624 D 7 — S60 F11
3625 E 7 — S60 F11
3626 B 7 — S60 F11
3725 F 7 — S60 G11
3726 F 7 — S60 G11
3727 H 7 — S60 G11
3730 H16 — S60 G11
3731 I16 — S60 G11
5796 C 7 — S60 H11
5796 F14 — S60 H11
5797 G14 — S66 I11
5798 H14 — S66 I11
5799 I14 — S66 I11
S1 J 2 — S66 I11
S2 K 2 — S66 I11
S26 D 2 — S66 J11
S26 D 2 — S66 J11
S26 D 2 — S66 J11
S26 D 2 — S66 J11
S26 D 2 — S66 J11
S26 E 2 — S7 K 4
S26 E 2 — S78 D13
S26 E 2 — S78 D13
S26 E 2 — S78 D13
S26 E 2 — S78 D13
S26 F 2 — S78 D13
S26 F 2 — S78 E13
S26 F 2 — S78 E13
S26 F 2 — S78 E13
S26 F 2 — S8 K 4
S26 G 2 — S82 D16
S26 G 2 — S82 D16
S26 G 2 — S82 D16
S26 G 2 — S9 K 4
S26 G 2 — T974 F14
S26 H 2 — T975 G14
S26 H 2 — T976 H14
S26 H 2 — T977 I14
S26 H 2 — T978 J14
S26 H 2
S26 I 2
S26 I 2
S26 I 2
S26 I 2
S27 D 4
S27 D 4
S27 D 4
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S27 E 4
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S3 K 2
S30 E16
S30 E16
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S30 F16
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S30 I16
S30 I16
S35 F13
S35 F13
S4 K 2
S40 D11
S40 D11
S40 D11
S40 D11
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S40 E11
S40 E11
S40 E11
S40 E11
S40 E11
S55 J 4
S50 D 9
S50 D 9
S50 D 9
S55 D 6
S55 D 6
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S55 D 6
S55 E 6
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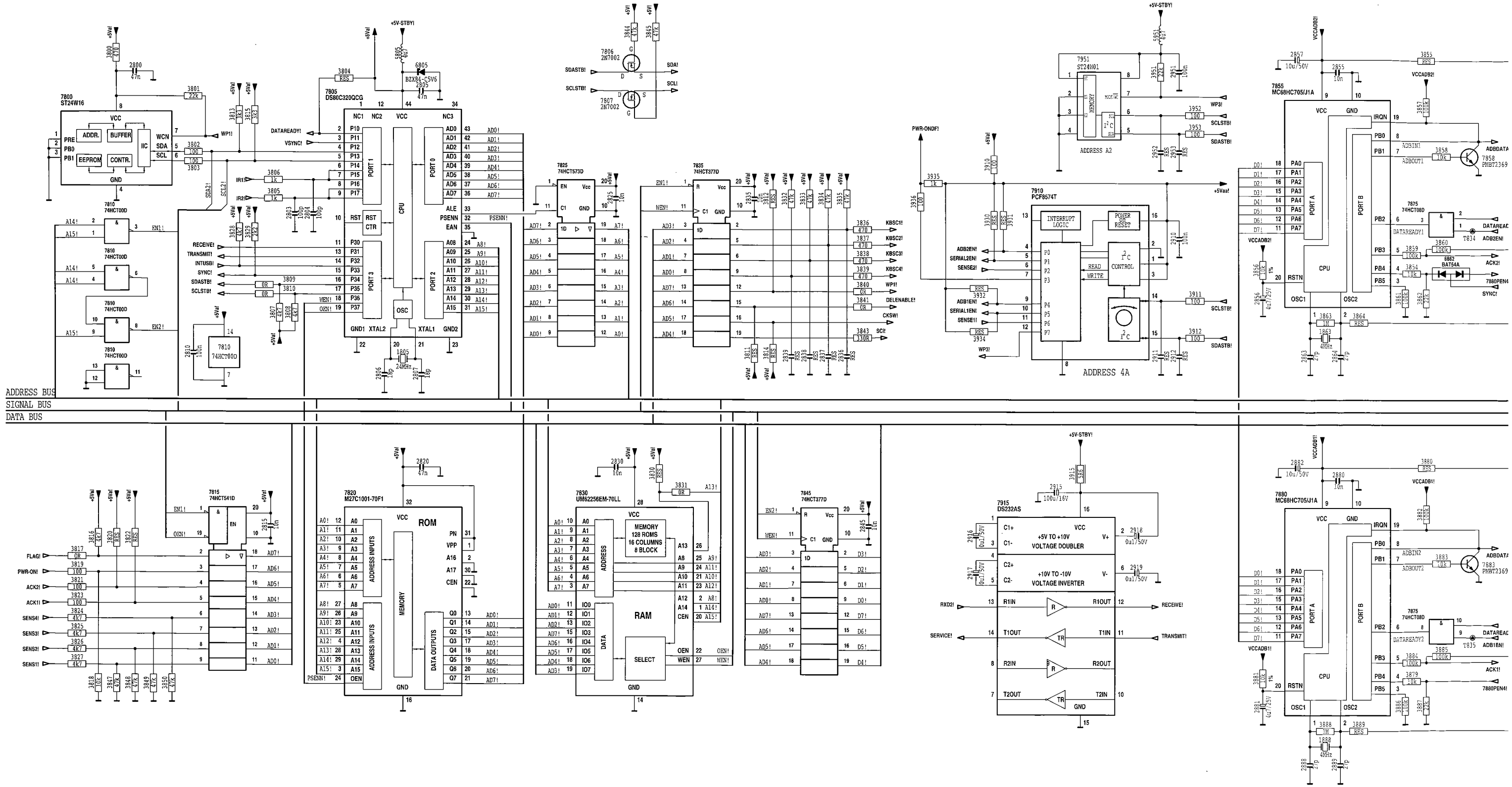
S 9


7800 ST24W16
VCC
ADDR.
BUFFER
PRE
PB0
PB1
EEPROM
CONTR.
IIC
WCN
SDA
SCL
GND
7805 DS80C320QCG
NC1 NC2 VCC NC3
PORT 1
PORT 0
PORT 3
PORT 2
CPU
OSC
RST CTR
XTAL1 XTAL2
GND1 GND2
DATAREADY!
VSYNC!
IR1!
IR2!
RECEIVE!
TRANSMIT!
INTUSB!
SYNC!
SDASTB!
SCLSTB!
WEN!
OEN!
PSENN!
EAN
ALE
7806 2N7002
7807 2N7002
SDASTB!
SCLSTB!
SDA!
SCL!
7825 74HCT573D
7835 74HCT377D
7951 ST24W01
MEMORY
ADDRESS A2
WP3!
SCLSTB!
SDASTB!
PWR-ONDF!
7910 PCF8574T
INTERRUPT LOGIC
POWER ON RESET
READ WRITE
I2C CONTROL
ADB2ENI
SERIAL2ENI
SENSE2!
ADB1ENI
SERIAL1ENI
SENSE1!
WP3!
ADDRESS 4A
7855 MC68HC705J1A
VCC GND IRQN
PORT A
PORT B
CPU
RSTN
OSC1 OSC2
ADBIN1
ADBOUT1
ADBDATA
7858 PMBT2369
7875 74HCT08D
DATAREADY1
DATAREAD
T834
ADB2ENI
ACK2!
BAT54A
7880PEN4
SYNC!
VCCADB2!
7810 74HCT00D
7815 74HCT541D
7820 MZ7C1001-70F1
ROM
MEMORY
ADDRESS INPUTS
DATA OUTPUTS
7830 UM62256EM-70LL
MEMORY 128 ROMS 16 COLUMNS 8 BLOCK
RAM
SELECT
7845 74HCT377D
7915 DS232AS
+5V TO +10V VOLTAGE DOUBLER
+10V TO -10V VOLTAGE INVERTER
RXD2!
TXD2!
SERVICE!
RECEIVE!
TRANSMIT!
7890 MC68HC705J1A
ADBIN2
ADBOUT2
7883 PMBT2369
DATAREADY2
ADB1ENI
ACK1!
7880PEN4!
ADDRESS BUS
SIGNAL BUS
DATA BUS

ADDRESS BUS
SIGNAL BUS
DATA BUS

S10

7775 LSC4319

ADDRESS 7AH
MC141543P

SSN, VDD, VDDA, RP, VCO, HTONE/PWMCK, FBKG, SDA, SCL, VSS, VSSA, B, G, R, HFLBN, VFLBN

7788 UA78L05ACD

7960 SPIDER
ADDRESS 76H

7988 UA78L10ACD

7977 HC4016D (A, B, C, D)

7984 BF992

7989 74HCU04D

7990 74HCU04D

7975 BSS84

7973 2N7002

7974 2N7002

7976 BSS84

2774 E 1 39
2775 C 3 39
2776 C 2 39
2777 C 3 39
2778 C 3 39
2779 C 4 39
2780 B 5 39
2781 E 1 39
2782 C 4 39
2783 C 5 39
2784 E 1 39
2785 E 2 39
2786 C 5 39
2787 E 5 39
2788 C 6 39
2789 C 7 39
2937 B 8 39
2955 E 7 39
2957 E 7 39
2959 E 6 39
2960 B10 57
2961 B10 57
2962 D 9 57
2963 D 9 59
2965 D 9 59
2967 D 9 69
2969 E11 69
2970 D13 69
2971 C14 69
2973 D13 69
2974 E12 69
2975 E13 69
2976 F13 69
2977 E11 69
2978 F 4 77
2979 I 5 77
2980 H 4 79
2981 H 5 79
2982 I 5 79
2983 I 5 79
2984 F 5 79
2985 F 9 79
2986 F10 79
2987 F11 79
2988 F11 79
2990 G12 79
2991 H 8 79
2992 H 9 79
2993 I10 79
2994 H10 79
3766 C 6 79
3769 C 6 79
3772 C 6 79
3774 E 2 79
3775 E 2 79
3776 C 2 79
3778 D 1 79
3779 D 1 79
3780 B 4 79
3781 C 4 79
3782 C 5 79
3783 C 5 79
3784 D 1 79
3785 D 1 79
3786 D 5 79
3787 D 5 79
3788 D 1 79
3789 D 1 79
3933 B 8 79
3937 B 9 79
3948 C13 TS
3949 H 6 TS
3950 H 6 TS
3954 D13 TS
3955 C 6 TS
3956 C 7 TS
3957 D 6 TS
3958 D 7 TS
3959 D 6 TS
3960 D 7 TS
3962 B10
3963 C 9
3964 C10
3965 C 9
3966 C10
3967 D 9
3968 D10
3969 E10
3970 E11
3971 C13
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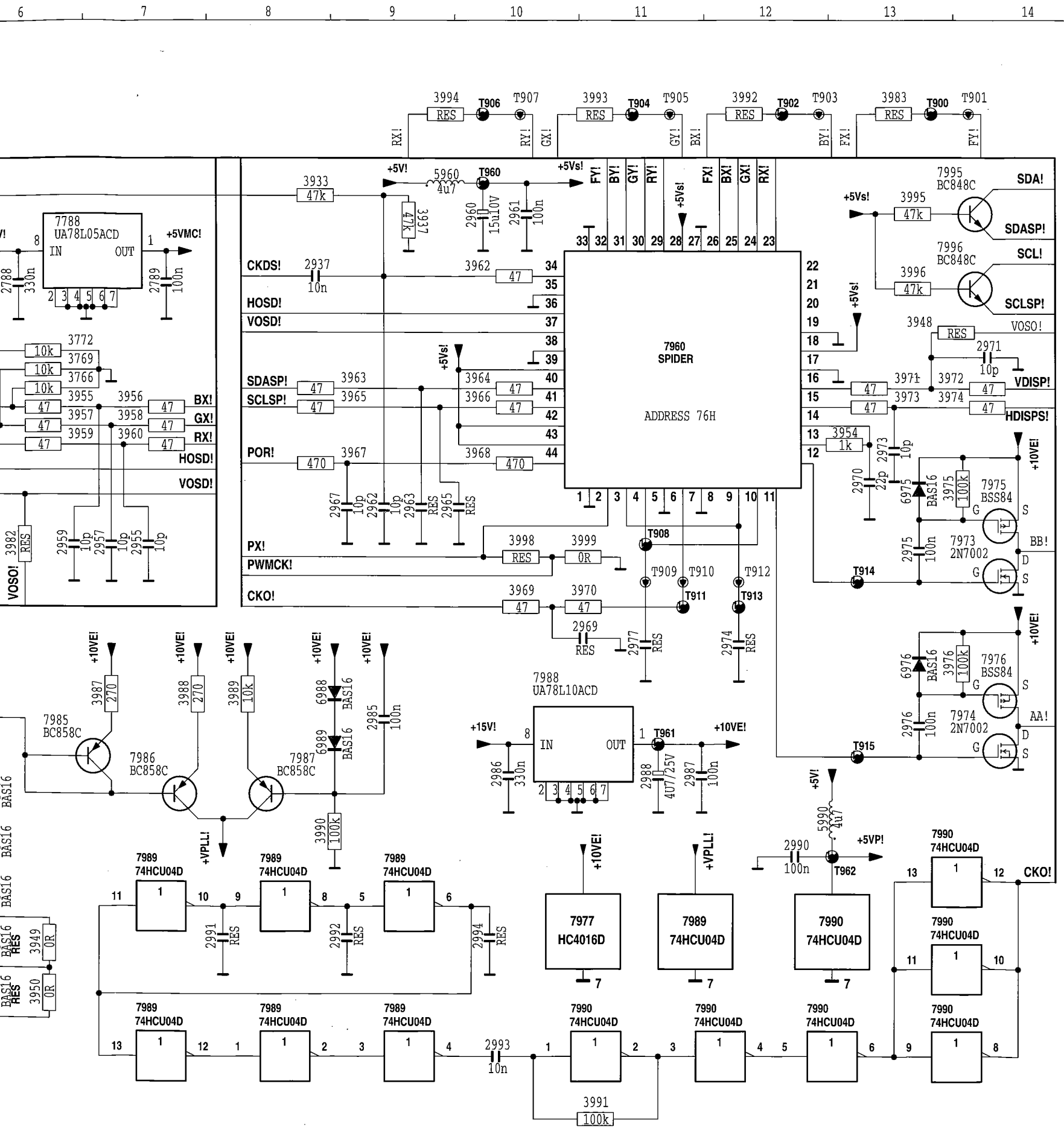
3974 C13
3975 D13
3976 F13
3977 G 2
3978 I 3



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	2775	C 3	3980	H 3
	2776	C 2	3981	E 6
	2777	C 3	3982	E 6
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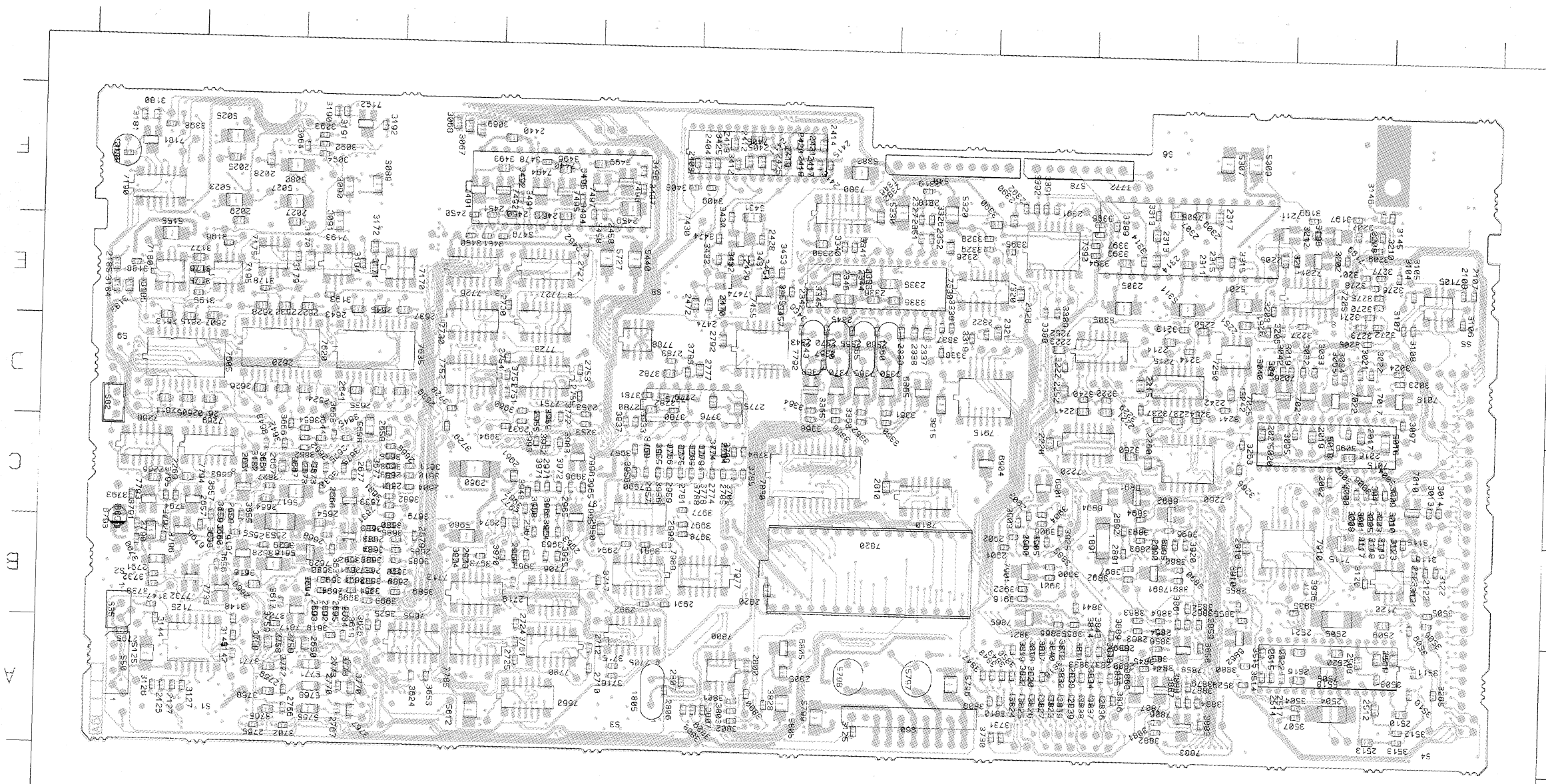
A	2779	C 4	3984	F 5
	2780	B 5	3985	H 5
	2781	E 1	3986	I 6
	2782	C 4	3987	F 7
	2783	C 5	3988	F 7
	2784	E 1	3989	F 8
	2785	E 2	3990	G 8
	2786	E 5	3991	I11
	2787	E 5	3992	A12
	2788	C 6	3993	A11
	2789	C 7	3994	A 9
B	2937	B 8	3995	B13
	2955	E 7	3996	B13
	2957	E 7	3997	I 3
	2959	E 6	3998	E10
	2960	B10	3999	E11
	2961	B10	5775	B 2
	2962	D 9	5777	B 2
	2963	D 9	5960	B 9
	2965	D 9	5990	G12
	2967	D 9	6975	D13
C	2969	E11	6976	F13
	2970	D13	6982	G 6
	2971	C14	6983	G 6
	2973	D13	6984	G 6
	2974	E12	6985	H 6
	2975	E13	6986	H 6
	2976	F13	6988	F 8
	2977	B11	6989	F 8
	2978	F 4	7775	C 2
	2979	I 5	7788	B 6
	2980	H 4	7960	C11
D	2981	H 5	7973	E13
	2982	I 5	7974	F13
	2983	I 5	7975	D14
	2984	F 5	7976	F14
	2985	F 9	7977	G 1
	2986	F10	7977	H 1
	2987	F11	7977	G 1
	2988	F11	7977	F 1
	2990	G12	7978	F 3
	2991	H 8	7979	F 3
	2992	H 9	7980	H 3
E	2993	I10	7981	I 3
	2994	H10	7982	G 4
	3766	C 6	7983	H 4
	3769	C 6	7984	F 5
	3772	C 6	7985	F 6
	3774	E 2	7986	F 7
	3775	E 2	7987	F 8
	3776	C 2	7988	F10
	3778	D 1	7989	H 8
	3779	D 1	7989	H 9
F	3780	B 4	7989	G 9
	3781	C 4	7989	G 8
	3782	C 5	7989	G 7
	3783	C 5	7989	H 7
	3784	D 1	7990	H10
	3785	D 1	7990	H11
	3786	D 5	7990	H12
	3787	D 5	7990	H13
	3788	D 1	7990	H13
	3789	D 1	7990	G13
	3933	B 8	7995	B13
G	3937	B 9	7996	B13
	3948	C13	T659	C 5
	3949	H 6	T661	D 5
	3950	H 6	T663	D 5
	3954	D13	T901	A14
	3955	C 6	T903	A12
	3956	C 7	T905	A11
	3957	D 6	T907	A10
	3958	D 7	T909	E11
	3959	D 6	T910	E11
	3960	D 7	T912	E12
H	3962	B10		
	3963	C 9		
	3964	C10		
	3965	C 9		
	3966	C10		
	3967	D 9		
	3968	D10		
	3969	E10		
	3970	E11		
	3971	C13		
	3972	C13		
I	3973	C13		
	3974	C13		
	3975	D13		
	3976	F13		
	3977	G 2		
	3978	I 3		



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1343 D 8 2110 A 1 2285 D 12 2518 A 14 2705 B 5 2793 E 7 2953 B 13 3047 E 2 3143 A 2 3262 C 11 3607 E 4 3734 A 6 3805 A 8 3976 C 4 5319 F 9 5763 A 2 6084 B 6 7221 E 11 7628 D 4 7825 C 8 S6 F 11 T327 E 9 T835 B 13
1360 D 8 2115 C 13 2306 E 11 2523 A 14 2706 A 5 2794 E 7 2962 C 5 3048 E 1 3215 D 10 3267 C 1 3608 D 4 3735 E 5 3806 A 8 3979 C 6 5362 F 8 5775 D 7 6085 B 7 7223 D 11 7629 D 4 7828 A 6 S7 C 5 T335 E 8 T845 B 13
1365 D 8 2125 A 1 2308 F 12 2600 E 4 2708 B 5 2795 A 9 2970 B 4 3049 F 1 3216 D 10 3268 C 1 3609 D 4 3736 E 5 3807 A 8 3813 A 8 3980 C 6 5425 F 8 5777 D 8 6086 C 7 7225 D 11 7649 C 4 7835 A 11 S8 E 6 T339 E 9 T846 B 13
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1385 A 6 2155 F 1 2312 E 11 2606 D 1 2714 B 5 2798 A 8 2976 C 4 3051 F 2 3221 D 11 3284 D 12 3633 B 3 3738 E 6 3830 C 7 3982 C 7 5624 E 4 5792 D 7 6089 B 6 7228 E 12 7653 B 1 7855 B 12 S25 A 14 T341 E 9 T903 C 4
1863 B 11 2156 E 3 2316 E 12 2608 D 1 2715 B 1 2799 A 8 2978 C 6 3052 F 2 3223 D 11 3285 D 12 3634 B 3 3739 E 5 3831 C 7 3984 C 6 5625 D 1 5797 A 9 7008 C 13 7231 D 11 7654 B 1 7875 B 13 S27 C 14 T403 F 7 T905 C 4
1888 A 11 2178 E 2 2320 F 9 2609 D 2 2716 A 4 2802 A 5 2979 C 7 3053 F 2 3224 D 11 3286 D 12 3635 B 3 3740 E 5 3842 A 5 3985 C 7 5627 D 1 5798 A 8 7015 C 13 7233 D 10 7655 C 9 7880 A 12 S30 A 10 T405 F 7 T907 B 4
1901 C 10 2179 E 2 2329 F 9 2612 D 1 2717 B 4 2803 A 8 2980 C 6 3054 F 1 3225 D 12 3316 E 13 3647 B 2 3741 E 5 3846 A 6 3986 C 7 5810 D 2 5802 A 5 7016 D 13 7234 D 11 7780 A 5 7890 B 11 S35 B 1 T407 F 7 T909 B 5
2001 C 13 2188 E 1 2330 E 8 2614 D 1 2718 B 5 2804 A 8 2981 C 7 3055 F 2 3226 D 11 3317 E 12 3648 D 4 3742 E 5 3851 A 6 3987 B 6 5611 D 1 5961 G 13 7019 D 14 7715 A 6 7900 B 10 S40 F 9 T415 E 7 T910 B 5
2003 C 13 2193 E 4 2333 E 9 2616 D 2 2720 D 5 2808 C 1 2982 C 7 3056 F 2 3228 E 12 3320 E 10 3649 D 5 3743 D 5 3852 A 6 3988 B 6 5613 D 1 5998 C 5 7020 D 13 7244 C 11 7720 D 5 7922 B 12 S50 A 1 T417 E 6 T912 B 5
2004 C 14 2194 E 3 2334 E 9 2621 D 2 2721 D 5 2809 A 8 2983 C 7 3057 E 2 3230 D 11 3321 D 9 3654 C 1 3744 D 5 3853 B 6 3989 B 6 5615 D 2 6221 D 11 7023 D 13 7245 C 5 7724 A 1 7927 C 12 S55 A 3 T419 E 7 T974 A 9
2011 A 1 2195 E 2 2340 E 8 2623 E 2 2722 D 4 2815 B 10 2984 C 7 3058 E 2 3231 D 12 3322 E 9 3809 C 3 3745 D 5 3888 B 11 3990 D 6 5620 D 2 6222 D 11 7024 D 13 7246 D 11 7734 A 2 7951 B 14 S80 A 9 T429 F 4 T975 A 9
2015 C 13 2198 E 1 2341 E 8 2625 D 3 2723 D 4 2825 C 7 2985 B 6 3059 F 2 3232 D 12 3323 E 9 3670 C 4 3746 E 5 3901 C 12 5001 C 13 5624 D 3 6241 D 11 7027 D 13 7247 E 12 7735 E 5 7956 C 5 S78 F 10 T430 E 4 T976 A 8
2018 D 13 2221 E 12 2347 E 8 2627 D 2 2737 E 5 2830 C 7 2986 B 5 3060 F 2 3233 D 12 3324 E 9 3693 A 3 3747 E 5 3912 C 12 5015 E 13 5626 D 2 6242 D 11 7028 E 2 7248 D 12 7738 E 5 7973 B 4 S82 D 1 T431 F 4 T977 B 6
2020 D 13 2210 C 11 2348 E 8 2629 E 2 2740 E 5 2835 B 11 2987 B 5 3061 F 3 3234 E 10 3325 E 9 3696 B 3 3748 D 5 3913 C 12 5017 D 13 5628 D 2 6243 D 11 7029 E 2 7249 D 12 7740 E 5 7974 B 4 T134 E 1 T500 A 14 T978 C 8
2022 D 12 2222 D 11 2349 E 8 2631 E 3 2743 D 5 2845 C 9 2988 B 5 3062 F 2 3235 E 10 3334 E 9 3701 A 2 3749 D 5 3922 B 12 5019 D 13 5628 D 2 6659 B 1 7030 F 2 7255 D 11 7743 D 5 7975 C 4 T135 F 1 T502 A 14
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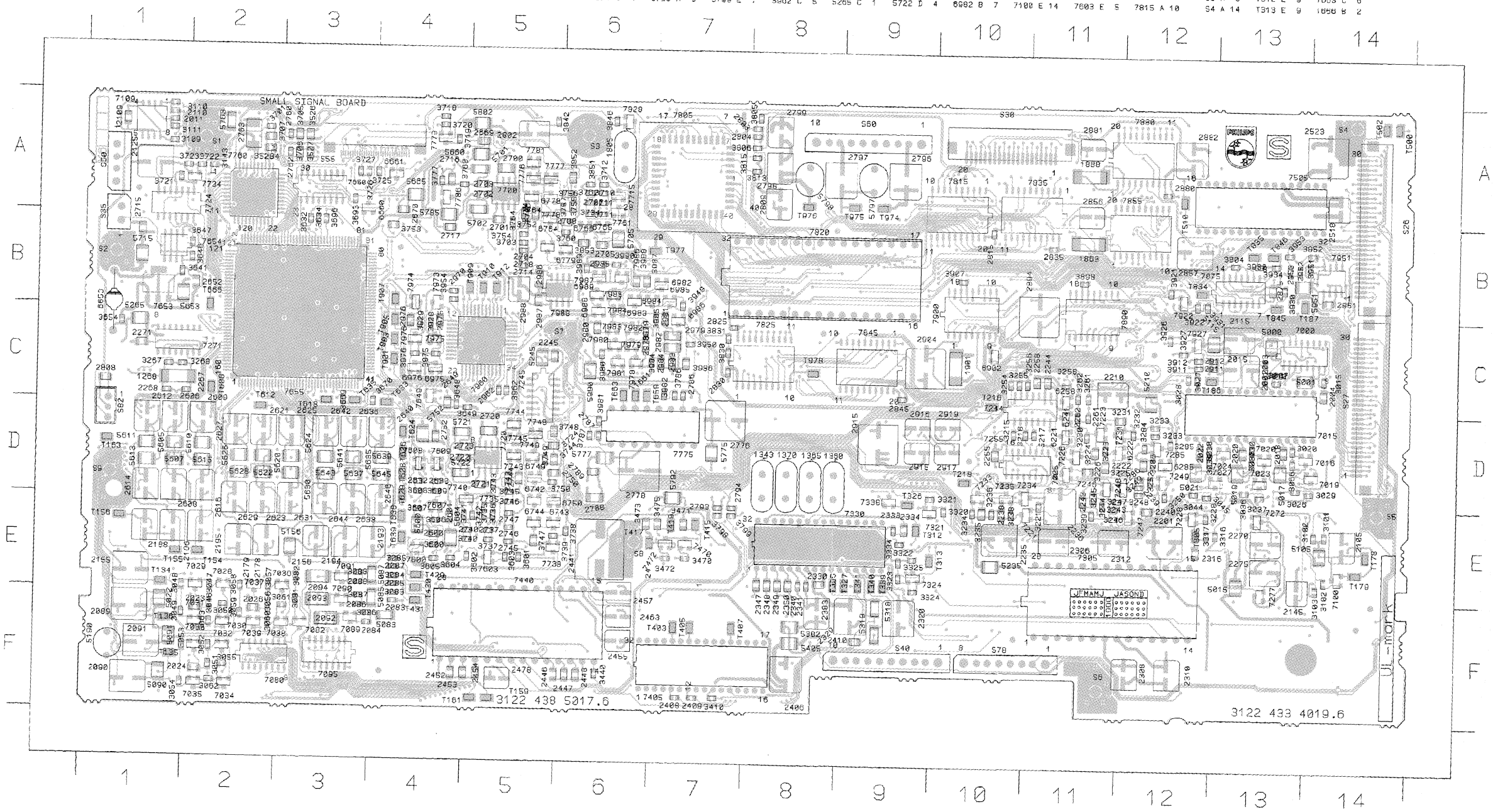
2024 F 2 2236 D 11 2353 F 8 2633 D 4 2745 E 5 2857 B 12 3012 C 13 3065 D 13 3238 E 10 3440 F 6 3705 A 3 3752 B 5 3926 C 12 5022 F 1 5637 D 3 6662 A 5 7033 F 2 7277 E 13 7749 D 5 7978 C 6 T154 E 2 T800 C 2
2025 F 2 2238 E 10 2406 F 8 2636 D 3 2746 E 5 2875 B 13 3015 C 14 3066 E 3 3239 E 11 3470 E 7 3706 A 3 3753 B 4 5042 E 5 7034 F 2 7278 E 13 7745 D 5 7978 C 6 T154 E 2 T800 C 2
2083 F 4 2239 D 12 2408 F 7 2638 E 3 2747 E 5 2880 A 12 3020 D 13 3067 E 3 3240 E 11 3471 E 7 3707 A 3 3754 B 5 3928 C 4 5043 F 4 5639 D 4 5743 E 5 7034 F 2 7285 D 12 7749 D 5 7980 C 6 T155 E 1 T812 D 2
2084 F 3 2240 E 12 2409 F 7 2640 D 4 2750 D 5 2881 A 11 3026 D 13 3068 F 2 3241 D 11 3472 E 7 3710 A 6 3755 A 6 3929 C 4 5085 F 4 5641 D 3 5744 E 5 7035 F 2 7305 E 11 7760 A 2 7981 C 6 T156 F 1 T624 D 4
2085 E 4 2243 D 11 2410 F 9 2642 D 3 2752 D 4 2882 A 12 3027 C 12 3069 F 2 3242 D 11 3473 E 8 3711 A 6 3756 A 8 3930 B 13 5087 E 4 5643 D 3 5749 D 5 7036 E 3 7321 E 9 7761 A 6 7982 C 6 T181 F 5 T626 D 4
2087 E 4 2244 C 11 2441 E 6 2644 E 3 2760 A 3 2894 B 11 3028 C 12 3070 F 3 3243 D 11 3474 E 7 3712 A 6 3757 A 5 3931 B 12 5090 F 1 5645 D 4 6750 E 5 7037 E 2 7324 E 9 7764 A 5 7983 C 6 T183 D 1 T628 D 4
2088 E 3 2245 C 5 2446 F 5 2646 E 4 2761 A 6 2904 C 9 3029 D 14 3071 F 3 3244 D 11 3475 E 7 3713 A 6 3758 A 5 3932 B 13 5091 F 1 5653 B 1 6754 B 5 7038 F 3 7330 E 8 7775 D 6 7984 B 8 T179 E 14 T629 D 4
2089 F 1 2255 D 10 2447 F 6 2649 C 4 2762 A 3 2911 C 12 3030 D 13 3072 F 3 3245 D 11 3476 E 7 3714 A 6 3759 A 5 3934 B 13 5105 E 14 5660 A 5 6755 B 6 7039 F 2 7330 D 9 7778 A 5 7985 R 8 T179 E 14 T633 D 4
2090 F 1 2251 D 11 2448 F 6 2650 A 5 2763 A 5 2912 C 12 3031 D 13 3073 F 3 3246 E 11 3525 A 3 3715 A 4 3760 B 6 3935 B 7 5115 C 12 5665 A 4 6756 B 6 7040 F 2 7405 F 7 7777 A 5 7986 B 8 T180 C 12 T635 C 3
2091 F 1 2252 D 11 2452 F 4 2656 A 5 2764 A 5 2915 D 9 3036 D 13 3074 F 3 3247 D 11 3526 A 3 3716 A 4 3763 A 4 3849 B 7 5155 E 3 5701 A 5 6758 B 5 7042 F 3 7440 F 5 7778 A 5 7987 B 6 T187 B 13 T638 E 4
2092 F 3 2257 C 2 2454 F 5 2700 A 5 2778 D 6 2917 D 10 3038 D 12 3075 F 3 3248 D 12 3527 A 3 3719 A 4 3764 B 5 3938 C 7 5190 F 1 5702 A 5 6779 B 6 7089 F 3 7470 E 7 7779 A 4 7988 B 5 T216 C 10 T639 E 4
2093 F 3 2258 C 1 2455 F 6 2701 B 5 2786 C 7 2918 D 9 3039 D 12 3103 E 14 3076 F 3 3249 D 12 3528 A 2 3720 A 4 3765 C 7 3952 B 14 5210 C 12 5705 B 6 6902 C 10 7090 F 3 7472 E 7 7781 A 5 S1 A 2 T218 D 10 T659 C 6
2094 E 3 2270 E 13 2457 E 6 2702 A 5 2787 D 6 2919 D 10 3044 D 12 3122 E 14 3077 F 3 3250 D 12 3529 A 2 3721 A 1 3766 B 5 3954 B 4 5235 E 10 5715 B 1 6975 C 4 7091 E 3 7505 A 13 7788 A 4 S2 B 1 T305 E 12 T661 C 6
2105 E 14 2271 C 1 2463 F 6 2703 A 5 2788 D 6 2951 B 14 3045 D 12 3110 A 1 3258 C 11 3605 E 4 3726 A 3 3799 E 7 3962 C 5 5265 C 1 5722 D 4 6982 B 7 7100 E 14 7603 E 5 7815 A 10 S3 A 8 T312 E 9 T663 C 6
S4 A 14 T313 E 9 T850 B 2



7. Directions for use

5. FUNCTIONAL OVERVIEW

See illustrations on page 3

CONTROLS *(fig. 1 and 2)*

On projector and remote control

① **Cursor Control**
For manipulating the mouse cursor on the connected computer as long as the menu is not active. When the menu is active the Cursor Control controls the menu cursor.
Note: *The Cursor Control only functions when one or both Mouse sockets of the projector are connected to the serial port of a PC or the ADB terminal of an Apple Macintosh computer.*

② **– and – –**
For activating and deactivating items in the menu when the menu is on screen.
When the menu is not on screen the **–** and **– –** buttons function as the Left and Right mouse buttons of your PC.

③ **MENU**
For activating and deactivating the menu.

④ **– VOLUME +**
For adjusting the volume.

⑤ **A**(audio)/**V**(video)**-MUTE**
For muting the sound of the projector (or an externally connected sound amplifier) and for muting the picture.

⑥ **Source selection buttons**
VIDEO – For selecting the video signal or S-video signal as the current projection source.
The button toggles between video and S-video signal.
DATA-1 – For selecting the DATA-1 signal as the current projection source.
DATA-2 – For selecting the DATA-2 signal as the current projection source.

⑦ **STANDBY/ON/OFF**
For switching the projector in the power standby mode.

On projector only

⑧ **IR sensors**
Receive the signals from the remote control.

⑨ **Indicators**
Mute indicator
Flashes red when Mute or A(audio)/V(video) Mute is active.
Lamp indicator
– Flashes green when the lamp is starting up.
– Lights up green when the lamp is on.
– Flashes red when the remaining lamp life is less than 100 hours.
– Lights up red when an error occurs in the projector, when lamp start has failed or when the lamp is completely worn-out.
Remote Control indicator
Flashes green when the remote control is operated and the projector responds to this operation.

⑩ **FOCUS ring and ZOOM ring**
For adjusting the focus and the size of the projected image.

⑪ **ON/OFF**
For switching the projector power on and off.

⑫ **Fuse holder (+ spare fuse)**

⑬ **Voltage selector**
For selecting the correct mains voltage (110 V/220 V).

⑭ **Lamp cover**

⑮ **HEIGHT/LEVEL adjuster**
For adjusting the vertical angle of the projector.

⑯ **Carrying handle**

⑰ **Dust filter**

On remote control only

⑱ **On/off button**
For switching the remote control on and off.
Note: *The remote control will always use some power, even when not in use. Therefore always switch off the remote control after use.*

⑲ **Light button**
For switching on the button illumination
The back-light will switch off automatically after 5 seconds.

CONNECTIONS *(fig. 3)*

Data source input connections

Ⓐ **MOUSE**
In-/output socket for connecting to the serial port of a PC or the ADB terminal of an Apple Macintosh computer.
DATA IN
Input socket for connecting to the DATA OUT terminal of a computer.
AUDIO IN
Input socket for connection to the AUDIO OUT socket of a computer.

Ⓑ **MOUSE**
In-/output socket for connecting to the serial port of a PC or the ADB terminal of an Apple Macintosh computer.
DATA IN
Input socket for connecting to the DATA OUT terminal of a computer.
AUDIO IN
Input socket for connection to the AUDIO OUT socket of a computer.

Video source input connections

Ⓒ **S-VIDEO IN**
Input socket for connecting to the S-VIDEO OUT socket of a S-VHS video recorder, a VCR, Laser Disc player, video camera or TV with AV output socket.

Ⓓ **VIDEO IN**
Input socket for connecting to the VIDEO OUT socket of a video recorder, Laser Disc player, video camera or TV with AV output socket (PAL, NTSC, SECAM).

Ⓔ **AUDIO IN L/R**
Input sockets for connection to the AUDIO OUT sockets of a video recorder (S-VHS, PAL, NTSC, SECAM).

Audio output connections

Ⓕ **AUDIO OUT L/R**
Output sockets for connecting to the Line Input sockets of an amplifier or stereo system.

Other connections

Ⓖ **12V/DC OUT** (420 mA max, – ⊖ +, type A, ø 2mm)
Output socket for connecting accessories to the projector.

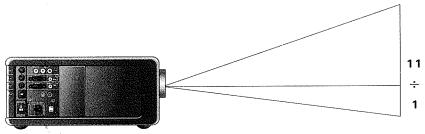
Ⓗ **MAINS**
For connecting the projector to the mains.

English

6. SET UP

POSITIONING THE PROJECTOR AND SCREEN

- Place the projector on a stable, level surface, out of direct sunlight and away from sources of excessive dust, dirt, heat, water, moisture, vibration and strong magnetic fields.
Face the projector towards the screen for the best picture results. To determine the distance for the desired size, please refer to the section 'Distance between the projector and the screen' below.



- The screen should be positioned so that it is not directly touched by sunlight or artificial light, as this will wash out the colours of the picture, making it hard to see.
- The projector can be used for both front projection and rear projection applications. As default factory setting, the projector has been set up for front projection. You can change to rear projection via the OSD menu. See 'Rear screen projection' under 'Other settings' for further instructions.

DISTANCE BETWEEN THE PROJECTOR AND THE SCREEN

- Choose a screen size suitable for the number of viewers and the size of the room. The distance between the projector and the screen also depends on the required screen size (see below).
– Picture quality is best when you sit directly in front of the projector screen.

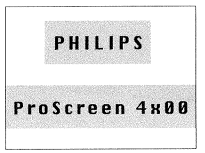
Distance to screen	Picture diagonal	
	Min	Max
24" (0.6m)	9" (0.23m)	14" (0.36m)
80" (2m)	33" (0.84m)	51" (1.30m)
160" (4m)	68" (1.70m)	101" (2.60m)
240" (6m)	103" (2.60m)	155" (3.90m)
400" (10m)	172" (4.40m)	259" (6.60m)
800" (20m)	345" (8.80m)	519" (13.20m)

MAINS SUPPLY

Warning: *Make sure the voltage selector is set to your local mains voltage (115V or 230V). If an incorrect voltage is selected, the fuse will burn out and the projector will not operate! See also 'Replacing the fuse' under 'Maintenance'.*

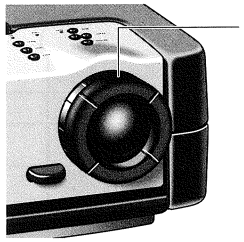
1. Insert the mains lead into the projectors MAINS socket and connect it to the wall socket.
2. Set the ON/OFF switch to ON in order to switch on the power.

– The lamp indicator flashes green and the start-up screen appears for 5 seconds.
– When the projection lamp is on, the lamp indicator lights up green.



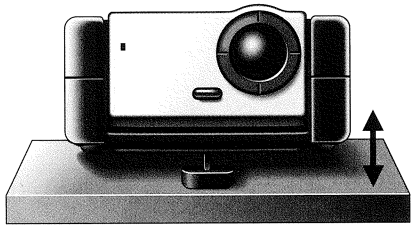
ADJUSTING THE FOCUS AND SIZE OF THE IMAGE

- Use the FOCUS ring and ZOOM ring to adjust the focus and size of the image.



ADJUSTING THE VERTICAL ANGLE OF THE PROJECTOR

- Use the Height/Level Adjuster to adjust the vertical angle of the projector as specified under 'Positioning the projector and screen'.

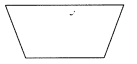


To Raise: press the adjuster carefully and lift to raise the projector.
To Lower: press the adjuster carefully again to lower the projector.

- Use the FOCUS Ring and ZOOM Ring to readjust the focus and size of the image.

Notes:

– *When adjustments are not properly made, the picture may become distorted, depending on the relative positions of the projector and the screen.*
– *If the projector and the screen are not properly placed, the picture will be distorted, producing a keystone image as shown at right.*



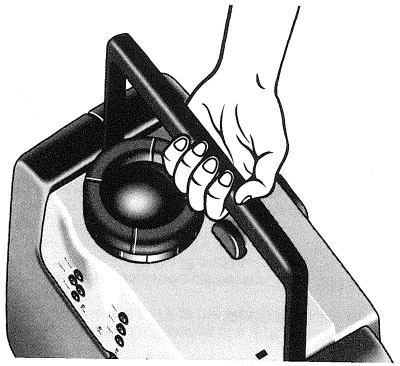
Keystoned image

CAUTION!

When all required adjustments have been made, set the ON/OFF switch to OFF before making any other connections (see 'Installation').

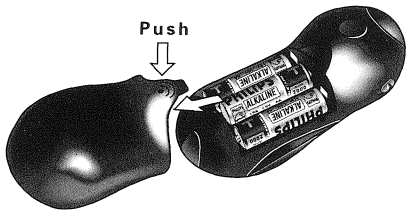
MOVING THE PROJECTOR

1. First, set the ON/OFF switch to OFF and disconnect the mains lead.
2. Disconnect all other cables.
3. Make sure the lens is turned back in to prevent damage to the lens.
4. Grasp the projector's carrying handle.



Note: *Never place the projector on the side where the connections are located.*

INSERTING THE BATTERIES IN THE REMOTE CONTROL



1. Push and slide the lid in the direction of the arrow.
2. Install three 'AA' batteries as indicated inside the battery compartment.
3. Replace the lid and snap into place.

Caution: *Do not mix old and new batteries (also never mix alkaline and manganese batteries).*

Note: *The maximum range of the remote control is 20 m (± 65 feet).*

7. INSTALLATION — Video/computer cables and adaptors

VIDEO/COMPUTER CABLES AND ADAPTORS

These accessories are supplied for connecting the projector to computer/AV equipment. The numbers in the left-hand column correspond with the numbers in the connection diagrams on the following pages.

No.	CABLE/ADAPTOR	PORT		LENGTH
		Projector side	Computer/AV products side	
1	VGA Cable	D-Sub M 15P (male)	D-Sub M 15P (male)	2.0 m
2	VGA MAC Adaptor	D-Sub M 15P (female)	MAC 15P (male)	- -
3	Video/Audio Stereo RCA Cable	RCA pin (male) x 3	RCA pin (male) x 3	2.0 m
4	Mouse cable 8-mini Din to RS232	Mini Din 8P (male)	D-Sub M 9P (female)	2.0 m
5	Mouse cable 8-mini Din to ADB	Mini Din 8P (male)	Mini Din 4P (male)	2.0 m

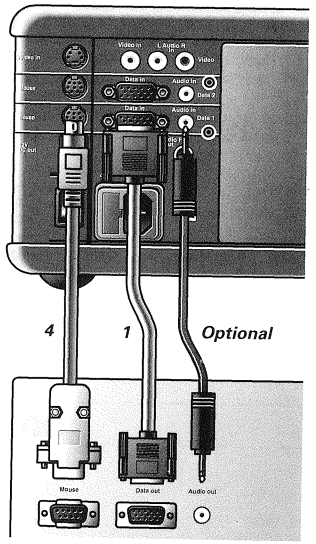
Optional cables: – Audio cable for PC/MAC computers
– S-video cable
– Audio RCA cable

CONNECTING TO A COMPUTER

General

- ***Caution:*** *Always switch off the projector before making any connections!*
- The data inputs are suitable for both Apple Macintosh computers (Power Book and Power Mac) as well as for IBM compatible PCs.
- The data output of IBM compatible PCs can be connected directly to the projector using standard data cables. Apple Macintosh computers need a conversion plug (supplied) added to the standard data cables.
- The figures in brackets ***(1)*** correspond to the figures in the diagram on page 9. The characters in brackets ***(a)*** correspond to the characters in ***fig. 2*** on page 3.

PC (Desk Top/Lap Top)



1. Connect the DATA OUT terminal of the computer to the DATA IN terminal ***(a)*** of the projector and secure the plugs by tightening the thumb screws. For this, use the VGA cable ***(1)*** supplied.
2. Connect the serial port of the computer to the MOUSE terminal ***(a)*** of the projector. For this, use the mouse cable ***(4)*** supplied.
   – You can now manipulate the mouse cursor on the computer and on the screen, using Cursor Control.
3. If you wish to use audio, connect the AUDIO OUT socket of the computer to the AUDIO IN socket ***(a)*** of the projector. For this, use an optional audio cable.
4. Follow steps ***1-3*** to connect a second PC to the DATA IN and MOUSE terminals ***(b)*** and the AUDIO IN socket ***(b)*** of the projector.

Note:

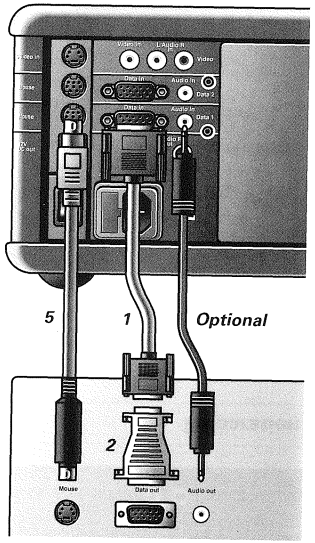
If the mouse cursor does not react when moving the ***track ball*** *on the remote control:*

- *check that the Remote Control indicator on the projector flashes green when you move the trackball.*
  – ***If it does not:*** *Check that you have switched on the remote control. If you have, check that the batteries are installed properly and/or replace the batteries.*
  – ***If it does:*** *Install the proper remote control software on your computer as described in the chapter 'Additional information'.*

If the mouse cursor does not react when moving the ***directional shuttle*** *on the projector:*

- *Install the proper remote control software on your computer as described in the chapter 'Additional information'.*

MACINTOSH (Desk Top/Power Book/Power Mac)



1. Connect the VGA/MAC adaptor ***(2)*** supplied to the DATA OUT terminal of the computer and secure the plugs by tightening the thumb screws.
2. Plug the VGA cable ***(1)*** supplied into both the adaptor and the DATA IN terminal ***(a)*** of the projector and secure the plugs by tightening the thumb screws.
3. Connect the ADB port of the computer to the MOUSE terminal ***(a)*** of the projector. For this, use the mouse cable ***(5)*** supplied.
   – You can now manipulate the mouse cursor on the computer and on the screen, using Cursor Control.
4. If you wish to use audio, connect the AUDIO OUT socket of the computer to the AUDIO IN socket ***(a)*** of the projector. For this, use an optional audio cable.
5. Follow steps ***1-4*** to connect a second computer to the DATA and MOUSE terminals ***(b)*** and the AUDIO IN socket ***(b)*** of the projector.

Note:

If he mouse cursor does not react when moving ***the track ball*** *on the remote control:*

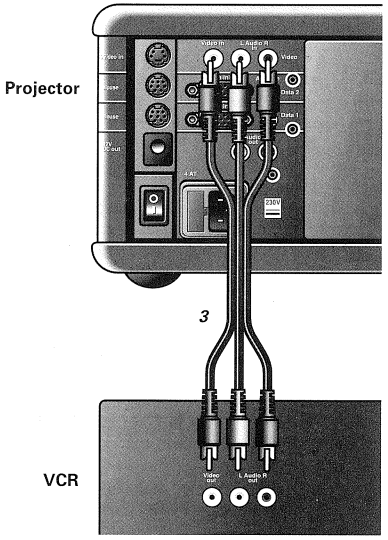
- *Check that the Remote Control indicator on the projector flashes green when you move the trackball.*
  – ***If not:*** *Check that you have switched on the remote control. If you have, check if the batteries are installed properly and/or replace the batteries.*

CONNECTING TO VIDEO EQUIPMENT

General

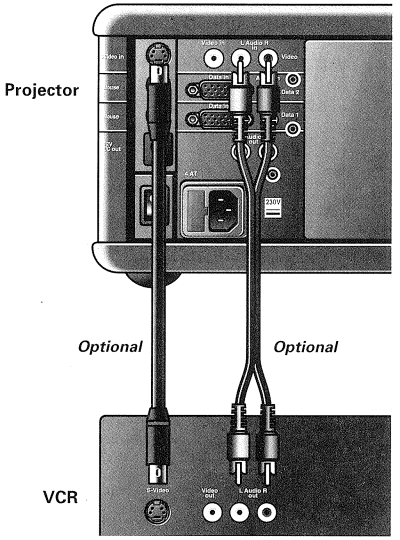
- The figures in brackets ***(1)*** correspond to the figures in the diagram on page 9.
  The characters in brackets ***(a)*** correspond to characters in ***fig. 2*** on page 3.
- ***Caution:*** *Always switch off the projector before making any connections.*

PAL, NTSC, SECAM



1. Connect the VIDEO OUT socket of a VCR, Laser Disc player, video camera or TV to the VIDEO IN socket ***(d)*** of the projector.
   For this, use the video/audio connection cable ***(3)*** supplied.
2. Connect the AUDIO OUT L/R sockets of the VCR, Laser Disc player, video camera or TV to the AUDIO IN L/R sockets ***(e)*** of the projector.
   For this, use video/audio connection cable ***(3)*** supplied.
   Insert the white plug into the L socket and the red plug into the R socket.

S-VHS



1. Connect the S-VIDEO OUT socket of a S-VHS video recorder, Laser Disc player, video camera or TV to the S-VIDEO IN socket ***(c)*** of the projector.
   For this use an *(optional)* S-video connection cable.
2. Connect the AUDIO OUT L/R sockets of the S-VHS video recorder, Laser Disc player, video camera or TV to the AUDIO IN L/R sockets ***(e)*** of the projector.
   For this, use an *(optional)* audio connection cable.
   Insert the white plug into the L socket and the red plug into the R socket.

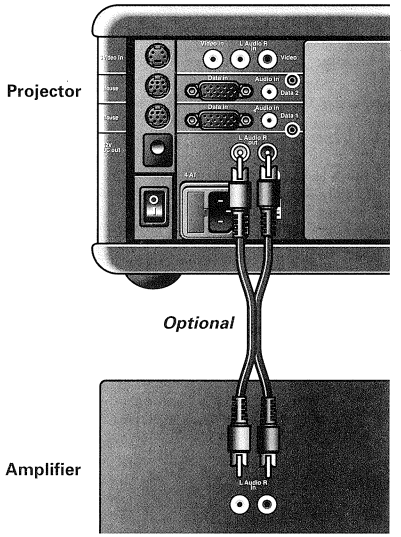
CONNECTING TO AUDIO EQUIPMENT

General

- The figures in brackets ***(1)*** correspond to the figures in the diagram on page 9.
  The characters in brackets ***(a)*** correspond to characters in ***fig. 2*** on page 3.
- ***Caution:*** *Always switch off the projector before making any connections.*

- Connect the AUDIO IN L/R sockets of an amplifier or stereo system to the AUDIO OUT L/R sockets ***(f)*** of the projector.
  For this, use an *(optional)* audio connection cable.
  Insert the white plug into the L socket and the red plug into the R socket.

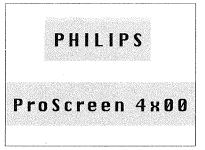
Note: *When the projector is connected to an external audio amplifier, you cannot control the volume via the projector or the remote control. However, the sound can still be muted via the projector or the remote control.*



PREPARATION

General

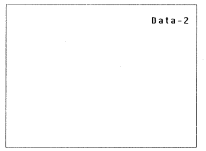
1. Set the ON/OFF switch of the projector to ON in order to switch on the power.
- The lamp indicator flashes green and the start up screen appears for 5 seconds.
- At the start up screen, you may get messages with respect to the lamp life time. For this refer to the chapter 'Lamp' under 'Additional information'.



- When the lamp is on, the lamp indicator lights up green.
2. Set the ON/OFF switch of the remote control to ON in order to switch on the remote control.
   Note: *Always switch off the remote control after use.*
3. If required, press the light button of the remote control.
- When this button is pressed the button illumination is switched on for 5 seconds. Every time one of the buttons is pressed within these 5 seconds, the illumination time is extended (by a further 5 seconds).
4. Select the required source (Video, S-Video, Data 1 or Data 2) by pressing the corresponding source selection button.
   Note: *The source selection button VIDEO toggles between Video and S-video.*
5. Switch on the computer or start video playback.

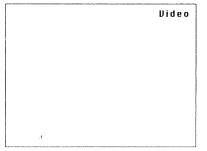
- The following messages may appear on the screen when selecting a source:

Data 1 selected as source.

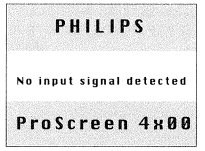


Data 2 selected as source.

S-Video selected as source.



Video selected as source.

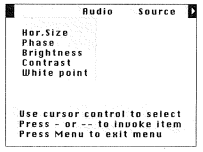


No input signal.

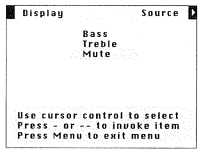
On Screen Display menu - General explanation

All video and data adjustments and settings (except A/V Mute) are done via On Screen Displays and with help of the following controls:
MENU, –, – – and Cursor Control on the projector or the remote control.

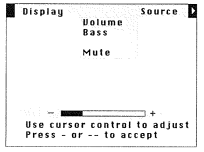
1. Press MENU.
– The menu bar appears on the screen.
The first item is highlighted and its sub menu is shown.



2. Use Cursor Control to move the cursor to any other item in the menu bar.
– When the cursor is moved to ◁ or ▷, the menu bar will scroll to the left or the right.



3. Select the sub menu item to be adjusted using Cursor Control.
4. Press – or – – to activate the item.
5. Adjust the selected item in the action window at the bottom of the screen, using Cursor Control.

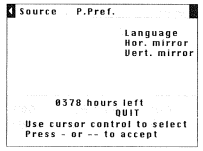


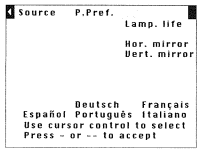
6. Press – or – – to confirm and store the adjustment.
7. Select the next item to be adjusted in the sub menu and adjust as described above.
8. Pressing MENU will also confirm and store the adjustment. In this case the On Screen Display will be closed.

Language selection

The projector can display menus in one of six different languages.

1. Press MENU.
– The menu bar appears on the screen.
2. Use Cursor Control to select MISC(ellaneous) in the menu bar.
3. Use Cursor Control to select LANGUAGE from the sub menu.





4. Press – or – – to activate the LANGUAGE item.
5. Use Cursor Control to select the required language in the action window.
6. Press – or – – to confirm and store the selected language.
7. If required, select the next item to be adjusted or press MENU to exit.

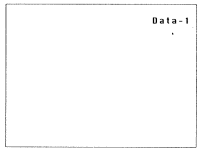
PICTURE CONTROL

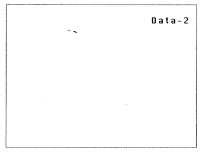
– The projector's picture is set to standard specifications at the factory. However, you can adjust the image to suit your own preferences by using the VIDEO or DATA ADJUST feature. The projector will store the last used settings for every source. So when you switch from one source to another, the settings of the source switched from will be stored and the settings of the source switched to will be recalled. When the projector is switched off and on again the settings for the selected source will be recalled again.
– Three memory modes allow you to adjust and save up to three sets of settings (see 'Personal Preferences').

Data display adjustments

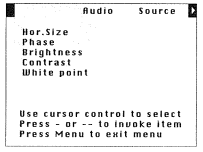
For data signal input, the following adjustments can be made:
– **shift** - adjusts the computer image in horizontal and vertical direction to centre it on the screen;
– **horizontal size** - adjusts the computer image in a horizontal direction to make the image completely fill the screen;
– **phase** - when connecting the projector to your PC for the first time, be sure to adjust the phase control for optimal readability of the projected text;
– **brightness** - adjusts the black level to the room brightness;
– **contrast** - adjusts the overall contrast intensity;
– **white point** - adjusts the overall picture impression from warm white to cool white.

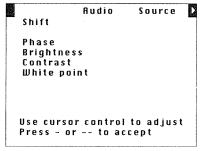
1. Press DATA 1 or DATA 2 to select data input.
– Data-1 or Data-2 appears on the screen.





2. Press MENU.
– The menu bar appears on the screen; DISPLAY is highlighted and its sub menu is shown.
3. Use Cursor Control to select the item to be adjusted.

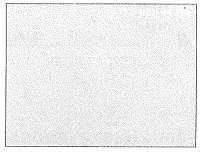




4. Press – or – – to activate the selected item.
5. Use Cursor Control to make the required adjustment in the action window.
6. Press – or – – to confirm and store the adjustment.
7. If required, select the next item to be adjusted or press MENU to exit.

Notes:

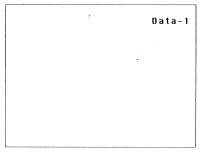
– *When you have selected the menu mode, you cannot use the source selection buttons on the projector or on the remote control to select another input. You can only change to another input via the SOURCE menu.*
– ***A**(audio)/**V**(video)-**mute** can only be selected with the A/V MUTE button on the projector or on the remote control.
A/V mute then appears on the screen.*

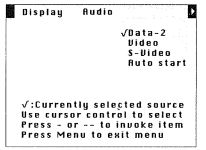


Data mode selection

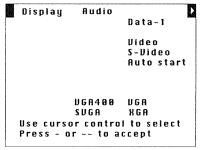
When set to AUTO, the projector can automatically identify the signal type of the connected computer. However, if the signal does not match the known computer signal standards, automatic identification can be overruled. The required data mode can then be selected as described below:

1. Select Data 1.
– Data-1 appears on the screen.
2. Press MENU.
– The menu bar appears on the screen.
3. Use Cursor Control to select SOURCE in the menu bar.
– DATA 1 is highlighted.





4. Press – or – – to activate the DATA 1 item.
5. Use Cursor Control to select the required data mode in the action window.
6. Press – or – – to confirm and store the adjustment.
7. Select the required data mode for DATA 2 in the same way.

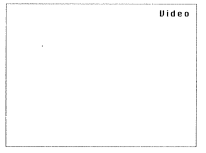


8. If required, select another item you wish to adjust or press MENU to exit.

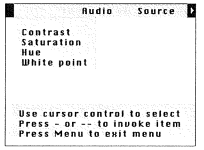
Video display adjustments

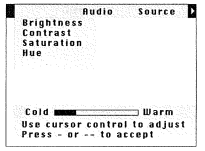
For video signal input, the following adjustments can be made:
– **brightness** - adjusts the black level to the room brightness;
– **contrast** - adjusts the overall contrast intensity;
– **saturation** - adjusts the colour saturation of the projected image;
– **hue** *(only for NTSC)* - adjusts the tint of the projected image;
– **white point** - adjusts the overall picture impression from warm white to cool white.

1. Press VIDEO to select video signal or S-video signal as the current projection source.
The button toggles between video and S-video signal.
– Video or S-Video appears on the screen.



2. Press MENU.
– The menu bar appears on the screen; DISPLAY is highlighted and its sub menu is shown.
3. Use Cursor Control to select the item to be adjusted.





4. Press – or – – to activate the selected item.
5. Use Cursor Control to make the required adjustment in the action window.
6. Press – or – – to confirm and store the adjustment.
7. If required, select the next item to be adjusted or press MENU to exit.

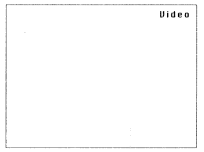
Notes:

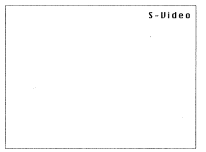
– *When you have selected the menu mode, you cannot use the source selection buttons on the projector or on the remote control to select another input. You can only change to another input via the SOURCE menu.*
– ***A**(audio)/**V**(video)-**mute** can only be selected with the A/V MUTE button on the projector or on the remote control.
A/V mute then appears on the screen.*

Video system selection

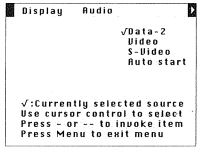
The Projector is equipped with full NTSC, PAL and SECAM video support. When set to AUTO, the broadcast format is automatically switched according to the video standard connected. If you experience poor colour however, you may have to set to NTSC, PAL, or SECAM as described below.

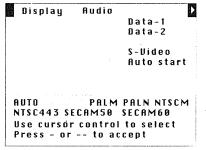
1. Press VIDEO to select video signal or S-video signal as the current projection source.
The button toggles between video and S-video signal.
– Video or S-Video appears on the screen.





2. Press MENU.
– The menu bar appears on the screen.
3. Use Cursor Control to select SOURCE in the menu bar.
4. Use Cursor Control to select VIDEO or S-video from the sub menu.



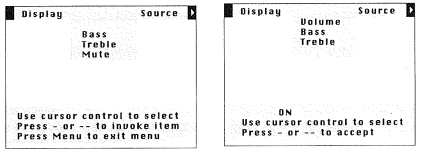


5. Press – or – – to activate the VIDEO or S-VIDEO item.
6. Use Cursor Control to select the required video system in the action window: AUTO, PAL, SECAM or NTSC.
7. Press – or – – to confirm and store the selected video system.
8. If required, select another item you wish to adjust or press MENU to exit.

AUDIO CONTROL

The projector's sound is set to standard specifications at the factory. However, you can adjust the sound to suit your own preferences by using the SOUND CONTROL feature.
The following adjustments can be made:
- **volume** – adjusts the sound level;
- **bass** – adjusts the bass tones;
- **treble** – adjusts the high tones;
- **mute** – mutes the sound of the projector (or an externally connected loudspeaker);

1. Select the required input (Video, S-Video, Data 1, Data 2).
2. Press MENU.
– The menu bar appears on the screen.
3. Use Cursor Control to select AUDIO in the menu bar.
4. Use Cursor Control to select the item to be adjusted.



5. Press – or – – to activate the selected item.
6. Use Cursor Control to make the required adjustment in the action window.
7. Press – or – – to confirm and store the adjustment.
8. If required, select the next item to be adjusted or press MENU to exit.

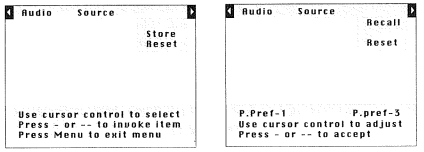
Notes:
- *The volume can also be adjusted with the – VOLUME + buttons on the projector or on the remote control.*
- *When the projector is connected to an amplifier or stereo system, the volume must be adjusted on the amplifier or stereo system.*
- ***A**(audio)/**V**(ideo)-**mute** can only be selected with the A/V MUTE button on the projector or on the remote control. A/V mute then appears on the screen.*

PERSONAL PREFERENCES

You can store up to three sets of settings. These settings can be called up at any time so you can use different sets of settings for different sources.

Storing Personal Preferences

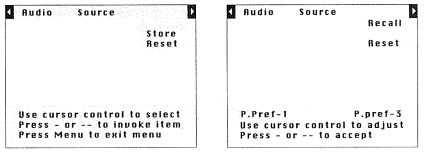
1. Select the required input (Video, S-Video, Data 1, Data 2).
2. Make the required adjustments, as described under 'Picture Control' and 'Audio Control'.
3. Press MENU.
– The menu bar appears on the screen.
4. Use Cursor Control to select P. PREF (Personal Preferences) in the menu bar.
5. Use Cursor Control to select STORE from the submenu.



6. Press – or – – to activate the STORE item.
7. Use Cursor Control to select P. PREF 1, 2 or 3 in the action window.
8. Press – or – – to confirm and store the Personal Preferences.
9. If required, select another item you wish to adjust or press MENU to exit.

Calling up Personal Preferences

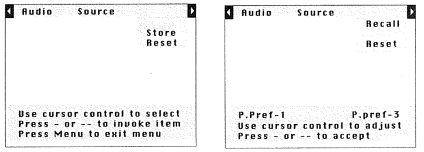
1. Select the required input (Video, S-Video, Data 1, Data 2).
2. Press MENU.
– The menu bar appears on the screen.
3. Use Cursor Control to select P. Pref (Personal Preferences) in the menu bar.
4. Use Cursor Control to select RECALL from the submenu.



5. Press – or – – to activate the RECALL item.
6. Use Cursor Control to select the required Personal Preference (P. Pref 1, 2 or 3) in the action window.
7. Press – or – – to confirm and store the selection.
8. If required, select another item you wish to adjust or press MENU to exit.

Changing Personal Preferences

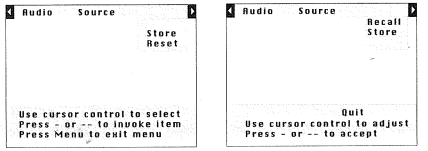
1. Select the required input (Video, S-Video, Data 1, Data 2).
2. Make the new adjustments, as described under 'Picture Control' and 'Audio Control'.
3. Press MENU.
– The menu bar appears on the screen.
4. Use Cursor Control to select P(ersonal) PREf(erences) in the menu bar.
5. Use Cursor Control to select STORE from the submenu.



6. Press – or – – to activate the STORE item.
7. Use Cursor Control to select P. PREF 1, 2 or 3 in the action window.
8. Press – or – – to confirm and store the new Personal Preferences.
9. If required, select another item you wish to adjust or press MENU to exit.

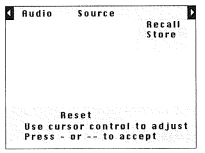
Resetting to the factory set default settings

1. Select the required input (Video, S-video, Data 1, Data 2).
2. Press MENU.
– The menu bar appears on the screen.
3. Use Cursor Control to select P. PREF (Personal Preferences) in the menu bar.
4. Use Cursor Control to select RESET from the submenu.



5. Press – or – – to activate the RESET item.
6. Use Cursor Control to select RESET if you wish to reset your Personal Preferences for the selected source to the factory set default settings.
7. Press – or – – to confirm and store the factory set default settings.
8. If required, select another item you wish to adjust or press MENU to exit.

If you wish to keep the old settings after all:
1. use Cursor Control to select QUIT in the action window.
2. Press – or – – to confirm.
3. If required, select another item you wish to adjust or press MENU to exit.

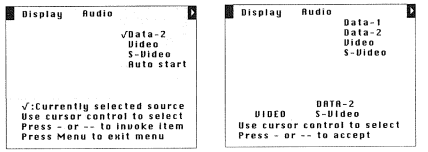


OTHER SETTINGS

Default source selection

The Auto start command gives you the opportunity to define the input source with which your projector will start up.
For instance: if you select Video as your default (Auto start) source, the projector will select Video as the source when the projector is switched on.
***Note:** The factory set default for Auto start is Data-1.*

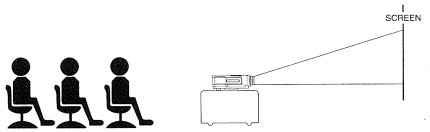
1. Press MENU.
– The menu bar appears on the screen.
2. Use Cursor Control to select SOURCE in the menu bar.
3. Use Cursor Control to select AUTO START from the sub menu.



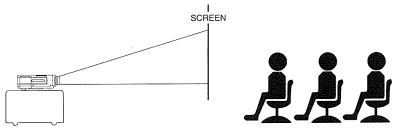
4. Press – or – – to activate the AUTO START item.
5. Use Cursor Control to select the required default source in the action window (Data 1, Data 2, Video or S-Video).
6. Press – or – – to confirm and store the default source.
7. If required, select another item you wish to adjust or press MENU to exit.

Rear screen projection

The image can be flipped to a vertical mirror image of the input signal for rear screen projection.

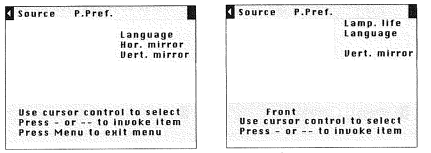


Front projection



Rear projection

1. Press MENU.
– The menu bar appears on the screen.
2. Use cursor control to select MISC(ellaneous) in the menu bar.
3. Use Cursor Control to select HOR.(horizontal) MIRROR from the sub menu.



4. Press – or – – to activate the HOR. MIRROR item.
5. Use Cursor Control to select REAR in the action window.
6. Press – or – – to confirm and store the selection.
7. If required, select another item you wish to adjust or press MENU to exit.

8. OPERATION

Other settings

Upside-down (ceiling) projection
The projector is equipped with an upside-down scan function (vertical mirror), which allows the image to be flipped when the projector is mounted upside down to the ceiling.

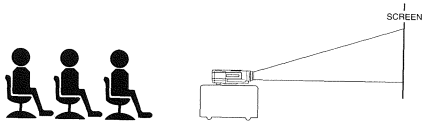
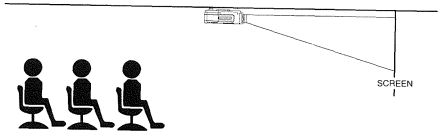


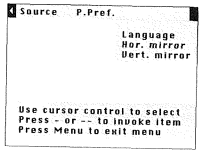
Table-top projection

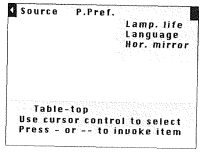


Ceiling projection

English

1. Press MENU.
– The menu bar appears on the screen.
2. Use Cursor Control to select MISC(ellaneous) in the menu bar.
3. Use Cursor Control to select VERT.(vertical) MIRROR from the sub menu.





4. Press – or – – to activate the VERT. MIRROR item.
5. Use Cursor Control to select CEILING in the action window.
6. Press – or – – to confirm and store the selection.
7. If required, select another item you wish to adjust or press MENU to exit.

9. ADDITIONAL INFORMATION

Installing the remote control software

INSTALLING THE REMOTE CONTROL SOFTWARE

This chapter describes how to install and use your pointing device software with Windows® 95 and Windows 3.x. Installation is only necessary if the mouse cursor cannot be manipulated by the remote control Cursor Control, after making all necessary connections.

For Macintosh users:
1. Turn off your computer and connect the supplied remote mouse cable (ADB) between the projector and the ADB port
2. Switch-on your computer; you can immediately operate your mouse via the Remote Control

For PC users:
1. Turn off your PC and connect the supplied remote mouse cable (RS232) between the computer and the projector
2. Switch-on your PC; you can now operate your mouse via the remote control; *if not, please continue:*

Please continue with the following instructions, if this is the first time that you use the Remote control mouse function with your PC.

...continue for Windows 3.1 users:
1. Insert the diskette (disk 1 of 2) into drive A or B to load the proper mouse driver.
2. Open the FILE menu and choose the RUN command.
– The RUN dialog box is displayed.
3. Type A:\SETUP or B:\SETUP and click OK.
– The INSTALLATION/SETUP dialog box is displayed.
4. Choose your language, then choose express set-up; follow the on-screen installation instructions.
– You can now operate your remote mouse!

...continue for Windows 95 users:
– A dialog box appears, asking to install a new hardware driver for a Logitech Serial Mouse.
• Select the Windows default driver (click OK).
– You should now be able to control your PC mouse via the Remote Control

– ***If not,*** the PC will prompt you to insert a disk or CD-ROM.
1. Click OK.
2. Cancel (close) the following dialog boxes until you return in the main Windows 95 screen.
3. Click the START button on the Windows 95 Taskbar and select the RUN command.
– The RUN dialog box is displayed.
4. Insert the diskette (disk 1 of 2) into drive A or B to load the proper mouse driver.
5. Type A:\SETUP or B:\SETUP and click OK.
6. Choose your language, then choose express set-up; the PC will also prompt you to insert disk 2. Follow the on-screen installation instructions.
7. After reboot, click NO or CANCEL on any following question.
– You can now operate your remote mouse!

See next page for 'End-user license agreement .

9. ADDITIONAL INFORMATION

Maintenance

English

CLEANING

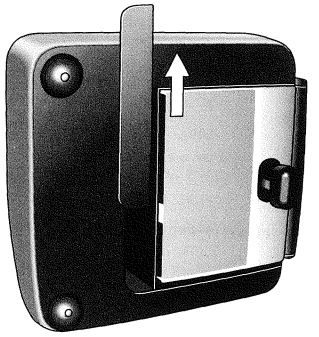
CAUTION: *Switch off and disconnect the projector before cleaning.*

1. When the cabinet is dusty, clean it by gently wiping with a soft cloth.
2. A chamois leather slightly moistened with water is sufficient for cleaning the housing.
3. Do not use cleaning agents as they may harm the housing.

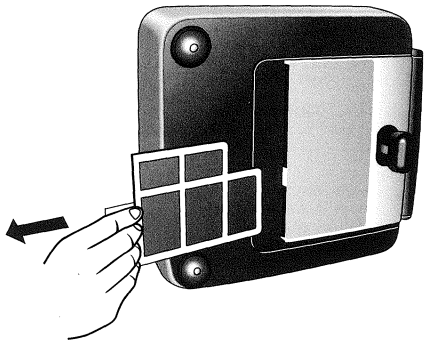
Always keep the lens clean
1. When the lens is dirty or dusty, first blow the dust off and then gently wipe with a soft brush or lens cleaning paper. Never touch the lens with your fingers.
2. The lens is likely to become mouldy if left dirty.

CLEANING THE DUST FILTER

1. Set the ON/OFF Switch to OFF and unplug the mains lead.
2. Wait until the cooling fan stops.
3. Place the projector on its side, *but never on the side where the connections are located!*
4. Open the filter compartment by pressing and sliding the lid upwards.



5. Remove the filter from the compartment as indicated.



6. While firmly holding the filter, gently remove any accumulated dust with a vacuum cleaner.
7. Replace the filter.
8. Replace the lid by pressing and sliding it downward.

Notes:
– *We advise you to clean the filter every 100 hours.*
– *Operating the projector with a torn or damaged filter may cause damage to the projector.*
– *When the filter is damaged replace it with a filter of the same type (12 nc: 4822 480 10152).*
– *The projector power cannot be switched on again unless the filter holder is installed correctly.*

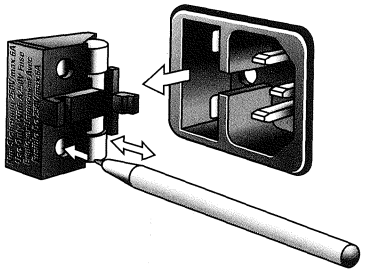
MAINTENANCE YOUR REMOTE CONTROL

Your trackball on the remote control is very durable and will provide years of use. It has a self-cleaning ball-cage that helps prevent dust and lint built-up around the ball. If the screen cursor jumps or moves abnormally, we recommend that you clean the trackball manually.

To clean your trackball
1. Turn the retainer ring counter-clockwise to remove the ball.
2. Wipe the ball with a clean, lint-free cloth.
3. Blow carefully into the ball cage to dislodge dust and lint.
4. Look for a built-up of dirt on the rubber rollers inside the ball cage. This build-up usually appears as a stripe running around the middle of the roller.
5. If dirty, clean the rollers using a cotton swab moistened lightly with isopropyl (rubbing) alcohol. After cleaning, make sure the rollers are still centered in their channels.
6. Make sure that fluff from the swab is not left on the rollers.
7. Replace the ball and retainer ring.

REPLACING THE FUSE

1. Remove the fuse holder as indicated.
2. Take out the old fuse.
3. Push the spare fuse out of its compartment using a pencil and place it in the fuse holder.
4. Replace the fuse holder.



Note: *When replacing the fuse, always use the same type of fuse: WICKMANN 19181.4AT - 250V. (High breaking 4 Amp Time-lag; 5 x 20 mm.)*

9. ADDITIONAL INFORMATION

LAMP

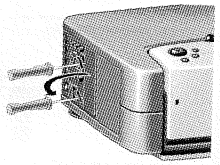
– The projector lamp has a operating life of approximately 4000 hours.
When operation time reaches 3900 hours, the message 'WARNING: Lamplife expires in 99 hours' will be displayed on the screen when switching the projector on.

– Then, each time the projector is switched on, the lamplife remaining will be displayed for 10 seconds.

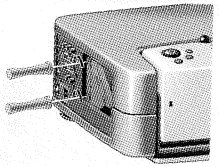
– When the lamplife is expired, this will be displayed on the screen.

LAMP REPLACEMENT

1. Set the ON/OFF Switch to OFF.
2. Unplug the mains lead.
3. Wait *5 minutes* for the lamp to cool down.
4. Read the caution and warning labels on the lamp cover.
5. Remove the lamp holder cover.



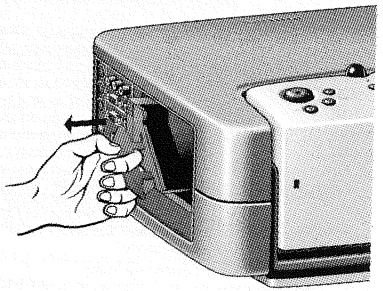
6. Unscrew the lamp holder.



7. Grasp the lamp holder handle and carefully pull the lamp holder out of the projector.

Caution: *Be very careful. The lamp holder may still be too hot to touch.*

Keep lamp holder opening to your right. *Do not* touch lamp or point lamp holder opening at anyone.



Warning: *The lamp may be hot. Be careful when handling.*

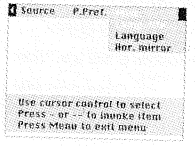
Caution: *A high-pressure lamp may break if handled improperly.*

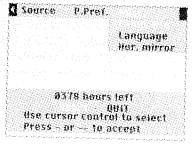
8. Carefully remove the new lamp housing from its package. *Do not* touch lamp or point lamp housing opening at anyone. *Do not* drop, as the impact may cause the lamp to break.
9. Insert the new lamp holder and put the handle back in its original position.
10. Replace the lamp holder cover.
11. Plug the projector back in by inserting the mains lead in the MAINS socket.
12. Set the ON/OFF switch to ON.
13. Reset the lamp life time (see 'Resetting the lamplife time').
14. Properly dispose of the old lamp.

Note: *When replacing the lamp, always use the same type of lamp (LCA 3106/00, 12nc: 8670 931 06009).*

Resetting the lamplife time

1. Press MENU.
– The menu bar appears on the screen.
2. Use cursor control to select MISCellaneous) in the menu bar.
3. LAMP LIFE is highlighted.





4. Press – or – – to activate the LAMP LIFE item.
5. Use cursor control to select RESET in the action window.
6. Press – or – – to confirm.
7. If you do not wish to reset the lamp life time after all, use cursor control to select QUIT in the action window.

10. TROUBLESHOOTING

If a fault occurs, first check the points listed below before taking the projector for repair.
If you are unable to remedy a problem by following these hints, consult your dealer or service organisation.

WARNING

Under no circumstances should you try to repair the projector yourself as this could invalidate the warranty.

PROBLEM
– *POSSIBLE CAUSE*
• SOLUTION

Image is not displayed

– *Mains lead is not correctly connected.*
• Correctly connect mains lead.
Warning: *Make sure the voltage selector is set to your local mains voltage (115V or 230V). If an incorrect voltage is selected, tthe fuse will burn out and the projector will not operate! See also 'Replacing the fuse' under 'Maintenance'.*

– *Lamp holder cover is not closed correctly.*
• Close the cover correctly (see 'Lamp replacement' under '9. Additional Information').

– *Signal cable not correctly connected.*
• Connect signal cable correctly.

– *ON/OFF switch is in OFF position.*
• Set the ON/OFF switch to ON.

Lamp does not light up (indicator lights up red)

– *Lamp is still hot while the projector attempts to restart the lamp.*
• Do not switch the set off; it will restart the lamp automatically within a few seconds.

– *The filter holder is not installed correctly.*
• Install the filter holder correctly (see 'Cleaning the dust filter' under '9. Additional Information').

– *Worn-out lamp.*
• Replace lamp (see 'Maintenance').

– *Lamp circuit failure.*
• Take the projector to your nearest Service Centre.

– *Fault inside the projector.*
• Take the projector to your nearest Service Centre.

Poor colour

– *Wrong video system has been selected.*
• Select the correct video system (see 'Video system selection' under 'Picture Control').
• Adjust brightness, contrast, saturation or hue (see 'Video adjustments' under 'Picture Control').

Image is blurred

– *Image is not focused.*
• Adjust focus ring.

– *Distance between projector and 'screen' is not correct.*
• Adjust the distance (See 'Distance between the projector and the screen').

– *Signal cable is not correctly connected.*
• Connect signal cable correctly.

Image does not match up with the projected screen

– *Horizontal or vertical shift or horizontal size are not adjusted correctly.*
• Adjust horizontal or vertical shift or horizontal size (See 'Data adjustments' under 'Picture Control').

Picture rolls

– *Signal cable is not correctly connected.*
• Connect signal cable correctly.

No sound

– *Audio cable is not correctly connected.*
• Connect audio cable correctly.

– *Volume is not adjusted.*
• Adjust volume.

– *Mute or A/V-mute is active.*
• Cancel mute or A/V-mute.

The projector does not react to commands from the remote control

– *Remote control is not switched on.*
• Switch on the remote control.

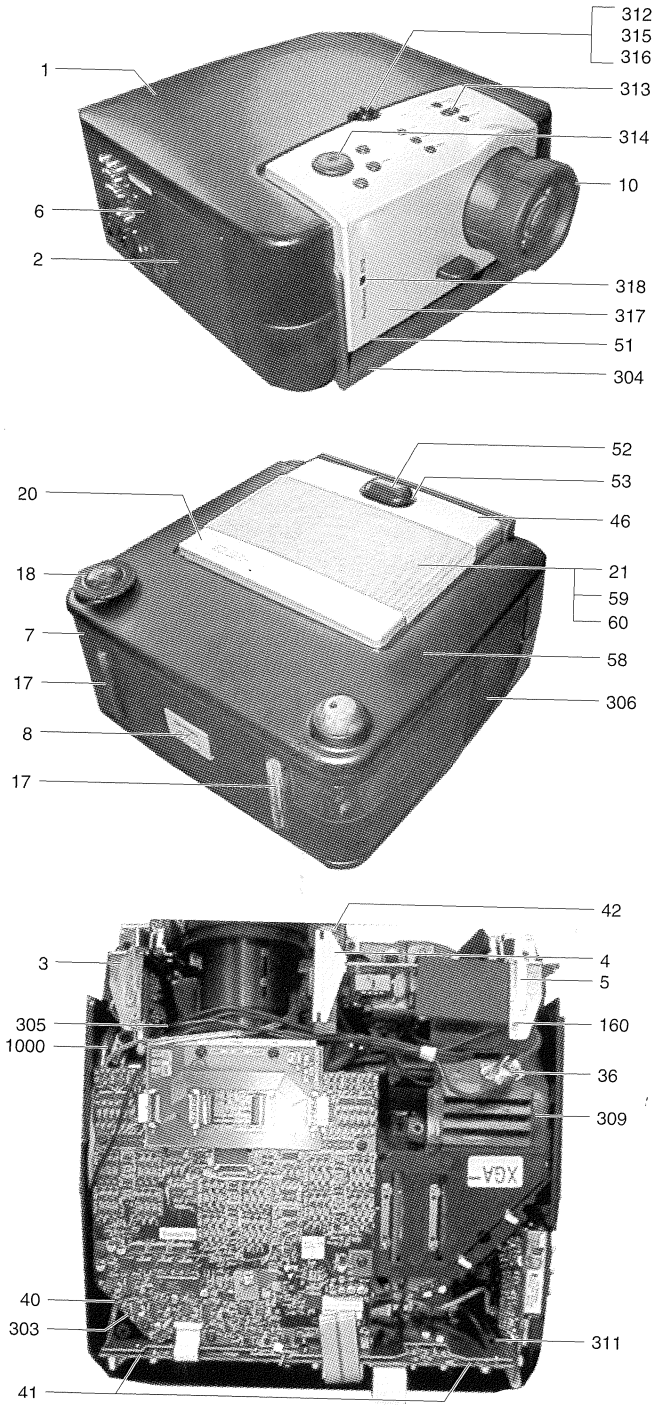
– *Distance is too great.*
• Reduce distance.

– *Batteries are exhausted.*
• Replace batteries (see 'Inserting the batteries in the remote control').

– *IR sensor is obstructed.*
• Remove obstacle.

8. Parts lists

Mechanical parts



1	4822 442 01496	Cabinet Top
2	4822 443 11069	Lamp Door Assy
3	4822 402 10977	Bracket Handle,Left
4	4822 402 10978	Bracket Lamp Supply
5	4822 402 10979	Bracket Handle,Right
6	4822 464 10471	Lamp Door Frame
7	4822 426 10612	Cabinet Rear Assy
8	4822 426 10722	Plate Rear Logo Assy
9	4822 462 11109	Right Foot rubber
10	4822 532 12785	Ring For Lens (Rubber)
11	4822 462 10913	Foot left
12	4822 462 10914	Foot right
17	4822 460 11079	Rubber strip rear
18	4822 462 11108	Left Foot adjustable
20	4822 443 10528	Door For Filter
21	4822 480 10152	Dust Filter
36	4822 282 10332	Temperature switch
40	4822 402 11169	LCD-Drive Bracket
41	4822 402 11029	Bracket mounting SSB
42	4822 462 11012	Foot Assy
46	4822 442 01303	Cover,Around Foot
51	4822 458 10578	Grill (Front)
52	4822 462 11042	Foot Rounded
53	4822 462 11043	Foot Top Flat
58	4822 442 01304	Bottom,Cabinet
59	4822 458 10577	Grill (Bottom)
60	4822 418 10371	Air Duct
160	4822 532 13051	Screw Adapter (handle)
161	4822 532 10917	3,2x 7 X0,5stznye
303	4822 402 11171	Lighthouse Bracket
304	4822 498 10716	Carrying Handle
305	4822 402 11151	Standby Bracket
306	4822 458 10592	Loudspeaker Grill
1000	4822 240 10277	Loudspeaker
309	4822 442 01528	Lamp Top Cover
311	4822 502 14609	Screw tube with thread
312	4822 450 10329	IR-Top cover
313	4822 219 10272	Keypad Volume(Rubber)
314	4822 219 10273	Keypad Menu(Rubber)
315	4822 381 11875	lens IR-Top
316	4822 380 10198	light guide IR-Top
317	4822 459 05112	CabineFrontAssy4750/40
317	4822 459 05291	CabineFrontAssy4750/60
318	4822 450 10331	IR-Front cover

Accessories

21	4822 480 10152	Dust Filter
30	4822 321 10835	Cable Power USA
30	4822 321 11399	Cable Power Euro
31	4822 321 63047	VGA Cable
32	4822 263 21173	15pm Sub-D/Fem Sub-D
33	4822 320 11903	Cable Mouse To RS232
34	4822 320 11904	Cable Mouse To ADB
37	4822 320 12281	Cable Chinch A/V
51	4822 711 00021	3xfloppy's In Bag
457	4822 736 15987	DFU Mouse
458	4822 736 16453	User Manual
1002	4822 219 10435	RC9902/01
3106	4822 134 10131	Lamp LCA3106

Packaging

452	4822 600 10776	Cushion
453	4822 600 10777	Cushion

Fuses

1001	4822 070 34002	Fuse 218004.(4A)
1002	4822 070 34002	Fuse 218004.(4A)

Connectors & switches

1500	4822 276 13952	Power Switch
1501	4822 265 11232	Dc Power Jack
1502	4822 265 11233	Power Inlet
1503	4822 277 11762	120/220V switch
1504	4822 277 11734	Door switch
11	4822 402 10981	Bracket door Switch
12	4822 402 10701	Lever door Switch
13	4822 265 11434	Clip Female Connector
22	4822 276 13228	dust filter switch
36	4822 282 10332	Temperature switch
8007	4822 320 12282	Wire for temp switch

Fans

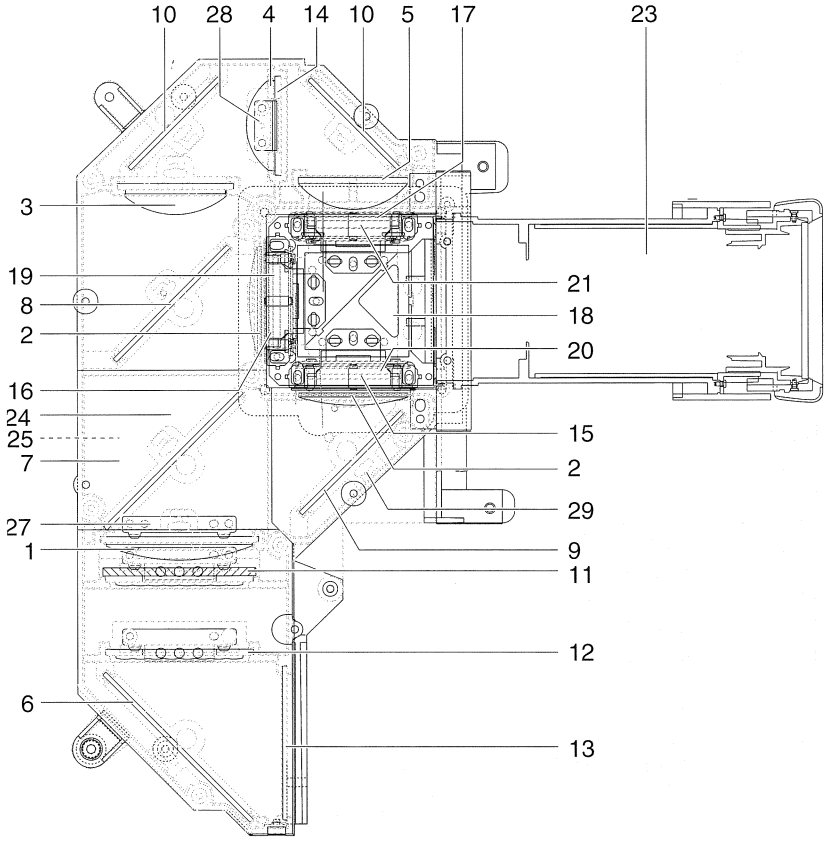
8001	3122 431 00870	Lamp fan with wire
8002	3122 431 00350	LCD fan with wire

Electrical Modules

1001	4822 212 11181	IR-Top board
1002	4822 212 11182	IR-Front board
1003	4822 212 11179	KEYBOARD
1001	4822 212 11666	SSB LC4750
1003	4822 212 11667	DRB LC4700 Without colour correction
1003	4822 212 11979	Colour correction board
1004	4822 212 11633	Lamp Supply UHP-120
1005	4822 212 11804	PCA Power Supply
1007	4822 212 11805	REDBLUE SWAP XGA
1010	4822 212 11669	Standby LC4750
1006	4822 212 11183	CAPACITOR LC4750

Optical parts

1	4822 381 12033	Lens 2
2	4822 381 12094	Lens 3
3	4822 381 12035	Lens 4
4	4822 381 12036	Lens 5
5	4822 381 12037	Lens 6
6	4822 380 10253	Mirror 1
7	4822 380 10276	Mirror A Lc4750
8	4822 380 10255	Mirror B
9	4822 380 10261	Mirror C
10	4822 380 10256	Mirror D1-D2
11	4822 691 10777	Pbs Integr. Assy
12	4822 693 11565	Integrator 1
13	4822 381 12038	Uv Filter
14	4822 381 12039	Uv Filter Bl
15	4822 381 12095	Polarizer Red Assy
16	4822 381 12096	Polarizer Green
17	4822 381 12097	Polarizer Blue
18	4822 381 12098	Cross Prism Lc4750
18	4822 381 12092	Cross Prism Lc4750B
19	4822 135 00186	Lcd Green Lc4750
19	4822 135 00285	Lcd Green LC4750B
20	4822 135 00184	Lcd Red Lc4750
20	4822 135 00286	Lcd Red LC4750B
21	4822 135 00187	Lcd Blue Lc4750
21	4822 135 00287	Lcd Blue LC4750B
23	4822 381 12041	Projection Lens
24	4822 442 01836	Plastic Top Cover
25	4822 442 01837	Plastic Bottom Base
26	4822 454 13468	Plastic Fixed Plate
27	4822 402 11321	L2 Stopper
28	4822 402 11322	L5 Stopper
29	4822 402 11323	M Stopper
30	4822 402 11326	Flange B Lcd 6.177mm
31	4822 402 11324	Bracket Focus LC4750
31	4822 402 11327	Bracket Focus LC4750B
32	4822 402 11325	Bracket Pola Plate
33	4822 502 14658	Screw M2x7,5



Electrical parts

IR-top panel

1001	4822 212 11181	IR-Top panel
IR receiver		
1001	4822 214 11453	GP1UC10P
Capacitors		
2001	4822 124 12158	10UF 20% 6,3V
Resistors		
3001	4822 051 30221	220R00 5% 0,062W
Diodes		
6001	4822 130 11411	BZX284-C3V3

IR-front panel

1002	4822 212 11182	IR-Front panel
IR-receiver		
1050	4822 214 11453	GP1UC10P
Capacitors		
2050	4822 124 12158	10UF 20% 6,3V
2054	4822 126 14217	100NF 20% 0805 50V
Resistors		
3050	4822 051 30221	220R00 5% 0,062W
3051	4822 051 30563	56K00 5% 0,062W
3052	4822 051 30103	10K00 5% 0,062W
3053	4822 051 30562	5K6 5% 0,063W 0603
3054	4822 117 11817	1K2 1% 1/16W
Coils		
5054	4822 157 10333	4,7UH/20%
Diodes		
6050	4822 130 11411	BZX284-C3V3
Transistors		
7051	5322 130 42136	BC848C
7054	5322 130 42136	BC848C

Keyboard

1003	4822 212 11179	Keyboard panel

Small signal board

1001	4822 212 11666	SSB LC4700
Connectors		
126	4822 264 10287	52207-3090 (30P)
127	4822 264 10287	52207-3090 (30P)
130	4822 267 10663	52207-2090 (20P)
135	4822 267 10664	22-43-8020(2P)
140	4822 267 10665	10P. male
150	4822 265 11237	22-03-5045 (4P)
155	4822 267 10666	30 P. female
160	4822 267 10665	10P. male
178	4822 267 10667	22-43-8100 (10P)
182	4822 267 10668	3 P. male
X-tals		
1268	5322 242 73734	CSAC4,00MGCM
1343	4822 242 10829	4.433 619 MHz
1360	4822 242 10831	3.575 611 MHz
1365	4822 242 10832	3.582 056 MHz
1370	4822 242 10833	3.579 545 MHz
1805	4822 242 10884	24.000 000 MC
1863	5322 242 73734	CSAC4,00MGCM
1888	5322 242 73734	CSAC4,00MGCM
1891	5322 242 73734	CSAC4,00MGCM
1901	5322 242 73734	CSAC4,00MGCM
Capacitors		
2000	4822 126 14217	100NF 20% 0805 50V
2001	5322 126 11583	10NF 50V 0603 CER2
2002	5322 126 11583	10NF 50V 0603 CER2
2003	5322 126 11583	10NF 50V 0603 CER2
2004	4822 126 14217	100NF 20% 0805 50V
2015	4822 124 41842	47UF
2016	4822 126 14217	100NF 20% 0805 50V
2017	4822 126 14325	1UF 80/20% 16V 0805
2018	4822 126 14217	100NF 20% 0805 50V
2019	4822 126 14325	1UF 80/20% 16V 0805
2020	4822 126 14217	100NF 20% 0805 50V
2021	4822 126 14325	1UF 80/20% 16V 0805
2022	4822 126 14217	100NF 20% 0805 50V
2023	4822 126 14217	100NF 20% 0805 50V
2024	4822 126 14217	100NF 20% 0805 50V
2025	4822 126 14217	100NF 20% 0805 50V
2026	4822 126 14217	100NF 20% 0805 50V
2027	4822 126 14217	100NF 20% 0805 50V
2028	4822 126 14217	100NF 20% 0805 50V
2029	4822 126 14217	100NF 20% 0805 50V
2083	4822 126 14225	56PF 5% NP0 50V 0603
2084	4822 126 14226	82pF 5% NP0 50V 0603
2085	4822 126 14225	56PF 5% NP0 50V 0603
2086	4822 126 14226	82pF 5% NP0 50V 0603
2087	4822 126 14225	56PF 5% NP0 50V 0603
2088	4822 126 14226	82pF 5% NP0 50V 0603
2089	4822 124 41842	47UF
2090	4822 124 41842	47UF
2091	4822 124 41842	47UF
2092	4822 126 13561	220NF10%X7R 16V
2093	4822 126 13561	220NF10%X7R 16V
2094	4822 126 13561	220NF10%X7R 16V
2105	4822 124 12077	33UF 20% SM 10V
2107	4822 126 11759	100PF 50V
2108	4822 126 11759	100PF 50V
2109	4822 126 14217	100NF 20% 0805 50V
2115	4822 124 12077	33UF 20% SM 10V
2122	4822 126 11759	100PF 50V
2123	4822 126 11759	100PF 50V
2125	4822 124 41842	47UF
2145	4822 124 12079	4,7UF 20% SM 25V

2155	4822 124 41842	47UF
2156	4822 124 12077	33UF 20% SM 10V
2178	4822 124 12077	33UF 20% SM 10V
2179	4822 124 12077	33UF 20% SM 10V
2185	4822 126 14217	100NF 20% 0805 50V
2188	4822 124 12077	33UF 20% SM 10V
2193	4822 124 12077	33UF 20% SM 10V
2194	4822 124 12077	33UF 20% SM 10V
2195	4822 124 12077	33UF 20% SM 10V
2196	4822 124 12077	33UF 20% SM 10V
2201	4822 124 41842	47UF
2205	4822 126 14217	100NF 20% 0805 50V
2210	4822 124 12077	33UF 20% SM 10V
2214	5322 122 32654	22NF10%X7R 63V
2215	4822 126 14217	100NF 20% 0805 50V
2220	4822 126 14217	100NF 20% 0805 50V
2221	4822 126 14217	100NF 20% 0805 50V
2222	4822 126 14217	100NF 20% 0805 50V
2235	4822 124 41842	47UF
2236	4822 124 41842	47UF
2237	4822 126 14217	100NF 20% 0805 50V
2238	4822 126 14217	100NF 20% 0805 50V
2239	4822 122 33741	10PF10%NP0 50V
2240	4822 126 14217	100NF 20% 0805 50V
2241	4822 126 13751	47NF 63V
2242	4822 126 14217	100NF 20% 0805 50V
2243	4822 126 14217	100NF 20% 0805 50V
2245	4822 126 14217	100NF 20% 0805 50V
2250	4822 126 14217	100NF 20% 0805 50V
2251	4822 126 14087	100NF 63V
2252	4822 126 14217	100NF 20% 0805 50V
2253	4822 122 33751	120PF 5%NP0 50V
2255	4822 126 14217	100NF 20% 0805 50V
2258	4822 126 14217	100NF 20% 0805 50V
2260	4822 126 14217	100NF 20% 0805 50V
2266	4822 126 14217	100NF 20% 0805 50V
2267	4822 126 11669	27PF
2268	4822 126 11669	27PF
2269	4822 126 14217	100NF 20% 0805 50V
2270	4822 124 12077	33UF 20% SM 10V
2271	4822 126 14217	100NF 20% 0805 50V
2275	4822 124 12077	33UF 20% SM 10V
2286	4822 126 13751	47NF 63V
2305	4822 126 14217	100NF 20% 0805 50V
2306	4822 124 12077	33UF 20% SM 10V
2307	4822 126 14217	100NF 20% 0805 50V
2308	4822 124 12077	33UF 20% SM 10V
2309	4822 126 14217	100NF 20% 0805 50V
2310	4822 124 12077	33UF 20% SM 10V
2311	4822 126 14217	100NF 20% 0805 50V
2312	4822 124 12077	33UF 20% SM 10V
2313	4822 126 14087	100NF 63V
2314	4822 126 14087	100NF 63V
2315	4822 126 14087	100NF 63V
2316	4822 126 14087	100NF 63V
2317	4822 126 14087	100NF 63V
2320	4822 124 41842	47UF
2321	4822 126 14217	100NF 20% 0805 50V
2322	4822 126 14225	56PF 5% NP0 50V 0603
2326	4822 126 14217	100NF 20% 0805 50V
2327	4822 126 14225	56PF 5% NP0 50V 0603
2328	4822 126 14217	100NF 20% 0805 50V
2329	4822 124 41842	47UF
2330	4822 126 14217	100NF 20% 0805 50V

2333	4822 126 14225	56PF 5% NP0 50V 0603
2334	4822 126 14217	100NF 20% 0805 50V
2335	4822 126 14227	3,3NF 5% NP0 50V 1206
2336	4822 126 14326	470NF 20% 50V 1812
2337	4822 126 14087	100NF 63V
2338	4822 126 14087	100NF 63V
2339	4822 126 14087	100NF 63V
2342	4822 126 13196	100NF 10% 0805 25V
2343	4822 126 14327	18PF 2% 50V 0603
2344	4822 126 13196	100NF 10% 0805 25V
2345	4822 126 14227	3,3NF 5% NP0 50V 1206
2346	4822 126 13196	100NF 10% 0805 25V
2347	4822 126 14217	100NF 20% 0805 50V
2348	4822 126 14217	100NF 20% 0805 50V
2349	4822 126 14217	100NF 20% 0805 50V
2350	4822 126 14217	100NF 20% 0805 50V
2351	4822 126 14225	56PF 5% NP0 50V 0603
2352	4822 126 14225	56PF 5% NP0 50V 0603
2353	4822 126 14087	100NF 63V
2360	4822 126 14327	18PF 2% 50V 0603
2365	4822 126 14327	18PF 2% 50V 0603
2370	4822 126 14327	18PF 2% 50V 0603
2380	4822 126 14217	100NF 20% 0805 50V
2382	4822 126 14217	100NF 20% 0805 50V
2383	4822 124 12077	33UF 20% SM 10V
2390	4822 126 14217	100NF 20% 0805 50V
2405	4822 126 14217	100NF 20% 0805 50V
2406	4822 124 41842	47UF
2408	5322 126 11583	10NF 50V 0603 CER2
2409	5322 126 11583	10NF 50V 0603 CER2
2410	4822 126 14217	100NF 20% 0805 50V
2411	4822 126 14087	100NF 63V
2413	4822 126 14087	100NF 63V
2414	5322 122 32654	22NF10%X7R 63V
2415	5322 126 11583	10NF 50V 0603 CER2
2416	5322 126 11583	10NF 50V 0603 CER2
2417	5322 126 11583	10NF 50V 0603 CER2
2418	5322 126 11583	10NF 50V 0603 CER2
2419	4822 126 14388	220NF 50V 1206
2420	5322 126 11583	10NF 50V 0603 CER2
2421	4822 126 14087	100NF 63V
2422	5322 126 11583	10NF 50V 0603 CER2
2423	5322 126 11583	10NF 50V 0603 CER2
2424	4822 126 14217	100NF 20% 0805 50V
2430	4822 126 14217	100NF 20% 0805 50V
2431	4822 124 41842	47UF
2434	4822 126 14087	100NF 63V
2440	4822 126 14217	100NF 20% 0805 50V
2441	4822 124 12083	330UF 20% SM 16V
2446	4822 126 14087	100NF 63V
2447	4822 126 14087	100NF 63V
2448	4822 126 14087	100NF 63V
2452	4822 126 14087	100NF 63V
2453	4822 126 14087	100NF 63V
2454	4822 126 14087	100NF 63V
2455	4822 124 12084	1UF 20% SM 50V
2457	4822 124 12084	1UF 20% SM 50V
2458	4822 122 33751	120PF 5%NP0 50V
2459	4822 126 14228	330NF 25V 1206
2460	4822 126 13196	100NF 10% 0805 25V
2461	4822 126 13196	100NF 10% 0805 25V
2462	4822 126 13196	100NF 10% 0805 25V
2463	4822 124 12084	1UF 20% SM 50V
2470	4822 126 13751	47NF 63V

2472	5322 122 32654	22NF10%X7R 63V
2474	5322 122 32654	22NF10%X7R 63V
2478	4822 124 12079	4,7UF 20% SM 25V
2504	4822 124 12166	6,8UF 20% 20V
2505	4822 124 12166	6,8UF 20% 20V
2508	4822 126 12549	470NF 25V
2509	4822 126 12549	470NF 25V
2510	4822 126 12549	470NF 25V
2511	4822 126 12549	470NF 25V
2512	4822 126 12549	470NF 25V
2513	4822 126 12549	470NF 25V
2516	4822 126 12105	33NF 5%X7R 63V
2517	4822 126 14229	5,6NF 50V 0603
2518	4822 124 12084	1UF 20% SM 50V
2519	4822 126 13188	15NF 5% 63V
2520	4822 126 13188	15NF 5% 63V
2521	4822 126 12105	33NF 5%X7R 63V
2522	4822 126 14229	5,6NF 50V 0603
2523	4822 124 12085	100UF 20% SM 16V
2600	4822 126 14217	100NF 20% 0805 50V
2601	4822 126 14217	100NF 20% 0805 50V
2605	4822 126 14217	100NF 20% 0805 50V
2606	4822 124 12077	33UF 20% SM 10V
2607	4822 126 14217	100NF 20% 0805 50V
2608	4822 124 12077	33UF 20% SM 10V
2609	4822 124 12077	33UF 20% SM 10V
2610	4822 126 14217	100NF 20% 0805 50V
2611	4822 126 14217	100NF 20% 0805 50V
2612	4822 124 12077	33UF 20% SM 10V
2613	4822 126 14217	100NF 20% 0805 50V
2614	4822 124 12077	33UF 20% SM 10V
2615	4822 126 14217	100NF 20% 0805 50V
2616	4822 124 12077	33UF 20% SM 10V
2620	4822 126 14217	100NF 20% 0805 50V
2621	4822 124 12077	33UF 20% SM 10V
2622	4822 126 14217	100NF 20% 0805 50V
2623	4822 124 12077	33UF 20% SM 10V
2624	4822 126 14217	100NF 20% 0805 50V
2625	4822 124 12077	33UF 20% SM 10V
2626	4822 126 14217	100NF 20% 0805 50V
2627	4822 124 12077	33UF 20% SM 10V
2628	4822 126 14217	100NF 20% 0805 50V
2629	4822 124 12077	33UF 20% SM 10V
2630	4822 126 14217	100NF 20% 0805 50V
2631	4822 124 12077	33UF 20% SM 10V
2632	5322 126 11578	1NF 50V 0603
2633	5322 126 11578	1NF 50V 0603
2634	4822 122 33741	10PF10%NP0 50V
2635	4822 126 14217	100NF 20% 0805 50V
2636	4822 124 12077	33UF 20% SM 10V
2637	4822 126 14217	100NF 20% 0805 50V
2638	4822 124 12077	33UF 20% SM 10V
2639	4822 126 14217	100NF 20% 0805 50V
2640	4822 124 12077	33UF 20% SM 10V
2641	4822 126 14217	100NF 20% 0805 50V
2642	4822 124 12077	33UF 20% SM 10V
2643	4822 126 14217	100NF 20% 0805 50V
2644	4822 124 12077	33UF 20% SM 10V
2645	4822 126 14217	100NF 20% 0805 50V
2646	4822 124 12077	33UF 20% SM 10V
2649	4822 126 14217	100NF 20% 0805 50V
2653	4822 124 11889	15UF 20% 10V
2654	4822 126 14217	100NF 20% 0805 50V
2658	5322 122 32448	10PF 5% 50V
2659	4822 122 33741	10PF10%NP0 50V
2660	4822 126 14217	100NF 20% 0805 50V
2661	4822 122 33761	22PF 5%NP0 50V
2662	4822 122 33741	10PF10%NP0 50V
2663	4822 122 33761	22PF 5%NP0 50V
2664	4822 126 14217	100NF 20% 0805 50V
2665	4822 122 33761	22PF 5%NP0 50V
2666	4822 126 11759	100PF 50V
2667	4822 122 33761	22PF 5%NP0 50V
2668	4822 126 11759	100PF 50V
2669	4822 126 14217	100NF 20% 0805 50V
2670	4822 126 14217	100NF 20% 0805 50V
2673	5322 126 11578	1NF 50V 0603
2675	4822 122 33761	22PF 5%NP0 50V
2677	4822 122 33761	22PF 5%NP0 50V
2679	4822 122 33741	10PF10%NP0 50V
2681	4822 122 33741	10PF10%NP0 50V
2683	4822 122 33741	10PF10%NP0 50V
2685	4822 122 33741	10PF10%NP0 50V
2687	4822 122 33741	10PF10%NP0 50V
2689	4822 122 33741	10PF10%NP0 50V
2691	4822 122 33741	10PF10%NP0 50V
2693	4822 122 33741	10PF10%NP0 50V
2695	4822 122 33741	10PF10%NP0 50V
2700	4822 122 33064	330NF80%Y5V 25V
2701	4822 126 14217	100NF 20% 0805 50V
2702	4822 126 14325	1UF 80/20% 16V 0805
2703	4822 126 14325	1UF 80/20% 16V 0805
2704	4822 126 14227	3,3NF 5% NP0 50V 1206
2705	4822 126 14217	100NF 20% 0805 50V
2706	4822 122 33806	820PF10%X7R 63V
2708	4822 126 14217	100NF 20% 0805 50V
2711	4822 126 14223	2,2PF NP0 50V 0603
2714	4822 126 14227	3,3NF 5% NP0 50V 1206
2715	4822 126 14217	100NF 20% 0805 50V
2716	4822 126 14217	100NF 20% 0805 50V
2717	4822 126 14217	100NF 20% 0805 50V
2718	4822 126 14227	3,3NF 5% NP0 50V 1206
2719	4822 126 13883	220PF 5% 50V
2720	4822 122 33064	330NF80%Y5V 25V
2721	4822 126 14217	100NF 20% 0805 50V
2722	4822 126 14325	1UF 80/20% 16V 0805
2723	4822 126 14325	1UF 80/20% 16V 0805
2725	5322 126 11583	10NF 50V 0603 CER2
2727	4822 126 14217	100NF 20% 0805 50V
2730	4822 126 13883	220PF 5% 50V
2737	4822 126 14223	2,2PF NP0 50V 0603
2740	4822 126 14223	2,2PF NP0 50V 0603
2743	4822 126 14217	100NF 20% 0805 50V
2744	4822 122 33806	820PF10%X7R 63V
2745	4822 126 14227	3,3NF 5% NP0 50V 1206
2746	4822 126 14227	3,3NF 5% NP0 50V 1206
2747	4822 126 14227	3,3NF 5% NP0 50V 1206
2750	4822 126 14217	100NF 20% 0805 50V
2751	5322 126 11583	10NF 50V 0603 CER2
2752	4822 126 14217	100NF 20% 0805 50V
2758	4822 126 11759	100PF 50V
2759	4822 126 14217	100NF 20% 0805 50V
2761	4822 126 14223	2,2PF NP0 50V 0603
2763	4822 124 11445	47UF20% 10V
2764	4822 126 14217	100NF 20% 0805 50V
2774	4822 122 33741	10PF10%NP0 50V
2775	4822 126 14217	100NF 20% 0805 50V
2776	4822 124 12085	100UF 20% SM 16V

2777	4822 126 14217	100NF 20% 0805 50V
2778	4822 124 12085	100UF 20% SM 16V
2779	4822 126 11671	33PF
2780	4822 126 13751	47NF 63V
2781	4822 122 33741	10PF10%NP0 50V
2782	4822 126 11671	33PF
2783	5322 126 11583	10NF 50V 0603 CER2
2786	4822 122 33741	10PF10%NP0 50V
2787	4822 122 33741	10PF10%NP0 50V
2788	4822 122 33064	330NF80%Y5V 25V
2789	4822 126 14217	100NF 20% 0805 50V
2790	4822 122 33064	330NF80%Y5V 25V
2791	4822 124 11353	1UF20% 16V
2792	4822 126 14217	100NF 20% 0805 50V
2795	4822 126 14217	100NF 20% 0805 50V
2796	4822 124 12078	33UF 20% SM 25V
2797	4822 124 41842	47UF
2798	4822 124 12077	33UF 20% SM 10V
2799	4822 124 12077	33UF 20% SM 10V
2800	4822 126 13751	47NF 63V
2803	4822 126 11759	100PF 50V
2804	4822 126 11759	100PF 50V
2805	4822 126 13751	47NF 63V
2810	4822 126 14217	100NF 20% 0805 50V
2815	5322 126 11583	10NF 50V 0603 CER2
2820	4822 126 13751	47NF 63V
2825	5322 126 11583	10NF 50V 0603 CER2
2830	5322 126 11583	10NF 50V 0603 CER2
2835	5322 126 11583	10NF 50V 0603 CER2
2845	5322 126 11583	10NF 50V 0603 CER2
2855	5322 126 11583	10NF 50V 0603 CER2
2856	4822 124 12079	4,7UF 20% SM 25V
2857	4822 124 12082	10UF 20% SM 50V
2863	4822 126 11669	27PF
2864	4822 126 11669	27PF
2875	4822 126 14217	100NF 20% 0805 50V
2880	5322 126 11583	10NF 50V 0603 CER2
2881	4822 124 12079	4,7UF 20% SM 25V
2882	4822 124 12082	10UF 20% SM 50V
2888	4822 126 11669	27PF
2889	4822 126 11669	27PF
2890	5322 126 11583	10NF 50V 0603 CER2
2894	4822 124 12085	100UF 20% SM 16V
2900	5322 126 11583	10NF 50V 0603 CER2
2904	4822 124 12085	100UF 20% SM 16V
2910	4822 126 14217	100NF 20% 0805 50V
2915	4822 124 12085	100UF 20% SM 16V
2916	4822 124 12081	0,1UF 20% SM 50V
2917	4822 124 12081	0,1UF 20% SM 50V
2918	4822 124 12081	0,1UF 20% SM 50V
2919	4822 124 12081	0,1UF 20% SM 50V
2937	5322 126 11583	10NF 50V 0603 CER2
2951	4822 126 14217	100NF 20% 0805 50V
2955	4822 122 33741	10PF10%NP0 50V
2957	4822 122 33741	10PF10%NP0 50V
2959	4822 122 33741	10PF10%NP0 50V
2960	4822 124 11889	15UF 20% 10V
2961	4822 126 14217	100NF 20% 0805 50V
2962	4822 122 33741	10PF10%NP0 50V
2967	4822 122 33741	10PF10%NP0 50V
2970	4822 122 33761	22PF 5%NP0 50V
2971	4822 122 33741	10PF10%NP0 50V
2973	4822 122 33741	10PF10%NP0 50V
2975	4822 126 14217	100NF 20% 0805 50V
2976	4822 126 14217	100NF 20% 0805 50V
2978	4822 126 14217	100NF 20% 0805 50V
2980	4822 126 14217	100NF 20% 0805 50V
2981	5322 122 32966	39PF 5%NP0 50V
2983	5322 122 32268	470PF 10% 50V
2984	4822 126 14217	100NF 20% 0805 50V
2985	4822 126 14217	100NF 20% 0805 50V
2986	4822 122 33064	330NF80%Y5V 25V
2987	4822 126 14217	100NF 20% 0805 50V
2988	4822 124 12079	4,7UF 20% SM 25V
2990	4822 126 14217	100NF 20% 0805 50V
2993	4822 126 12779	10NFP80M20Y5V50V

Resistors

3001	4822 051 30101	100R00 5% 0,062W
3002	4822 051 30101	100R00 5% 0,062W
3003	4822 051 30101	100R00 5% 0,062W
3004	4822 051 30101	100R00 5% 0,062W
3005	4822 051 30101	100R00 5% 0,062W
3006	4822 051 30101	100R00 5% 0,062W
3007	4822 051 30223	22K00 5% 0,062W
3008	4822 051 30223	22K00 5% 0,062W
3009	4822 051 30223	22K00 5% 0,062W
3010	4822 051 30223	22K00 5% 0,062W
3011	4822 051 30223	22K00 5% 0,062W
3012	4822 051 30223	22K00 5% 0,062W
3013	4822 051 30222	2K20 5% 0,062W
3014	4822 051 30472	4K70 5% 0,062W
3015	4822 051 30103	10K00 5% 0,062W
3020	4822 051 30471	470R00 5% 0,062W
3021	4822 117 12971	15R 5% 0603 0,62W
3022	4822 117 12971	15R 5% 0603 0,62W
3024	4822 051 30471	470R00 5% 0,062W
3027	4822 051 30101	100R00 5% 0,062W
3028	4822 051 30101	100R00 5% 0,062W
3029	4822 051 30222	2K20 5% 0,062W
3030	4822 051 30471	470R00 5% 0,062W
3032	4822 117 12971	15R 5% 0603 0,62W
3033	4822 117 12971	15R 5% 0603 0,62W
3034	4822 051 30471	470R00 5% 0,062W
3037	4822 051 30222	2K20 5% 0,062W
3038	4822 051 30471	470R00 5% 0,062W
3040	4822 117 12971	15R 5% 0603 0,62W
3041	4822 117 12971	15R 5% 0603 0,62W
3042	4822 051 30471	470R00 5% 0,062W
3045	4822 051 30222	2K20 5% 0,062W
3046	4822 051 30471	470R00 5% 0,062W
3048	4822 117 12971	15R 5% 0603 0,62W
3049	4822 117 12971	15R 5% 0603 0,62W
3050	4822 051 30471	470R00 5% 0,062W
3051	4822 051 30471	470R00 5% 0,062W
3053	4822 117 12971	15R 5% 0603 0,62W
3054	4822 117 12971	15R 5% 0603 0,62W
3055	4822 051 30471	470R00 5% 0,062W
3056	4822 051 30471	470R00 5% 0,062W
3058	4822 117 12971	15R 5% 0603 0,62W
3059	4822 117 12971	15R 5% 0603 0,62W
3061	4822 051 30471	470R00 5% 0,062W
3064	4822 051 30103	10K00 5% 0,062W
3067	4822 051 20101	100R00 5% 0,1W
3068	4822 051 20101	100R00 5% 0,1W
3069	4822 051 20101	100R00 5% 0,1W
3081	4822 051 30103	10K00 5% 0,062W
3082	4822 051 30223	22K00 5% 0,062W

3083	4822 117 12523	330R 5% 0,63W
3084	4822 117 12523	330R 5% 0,63W
3085	4822 117 12523	330R 5% 0,63W
3086	4822 051 30101	100R00 5% 0,062W
3087	4822 051 30101	100R00 5% 0,062W
3088	4822 051 30101	100R00 5% 0,062W
3089	4822 051 10102	1K00 2% 0,25W
3090	4822 051 10102	1K00 2% 0,25W
3091	4822 051 10102	1K00 2% 0,25W
3095	4822 051 30223	22K00 5% 0,062W
3096	4822 051 30223	22K00 5% 0,062W
3097	4822 051 30223	22K00 5% 0,062W
3100	4822 051 30222	2K20 5% 0,062W
3101	4822 051 30473	47K00 5% 0,062W
3102	4822 051 30103	10K00 5% 0,062W
3103	4822 051 30222	2K20 5% 0,062W
3104	4822 051 30471	470R00 5% 0,062W
3106	4822 051 30008	0R00 jumper
3107	4822 051 30221	220R00 5% 0,062W
3108	4822 051 30221	220R00 5% 0,062W
3109	4822 051 30101	100R00 5% 0,062W
3110	4822 051 30101	100R00 5% 0,062W
3111	4822 051 30101	100R00 5% 0,062W
3115	4822 051 30222	2K20 5% 0,062W
3116	4822 051 30473	47K00 5% 0,062W
3117	4822 051 30103	10K00 5% 0,062W
3118	4822 051 30222	2K20 5% 0,062W
3119	4822 051 30471	470R00 5% 0,062W
3121	4822 051 30008	0R00 jumper
3122	4822 051 30221	220R00 5% 0,062W
3123	4822 051 30221	220R00 5% 0,062W
3126	4822 051 30101	100R00 5% 0,062W
3127	4822 051 30101	100R00 5% 0,062W
3144	4822 051 30102	1K00 5% 0,062W
3145	4822 051 30123	12K00 5% 0,062W
3146	4822 051 30123	12K00 5% 0,062W
3147	4822 051 30472	4K70 5% 0,062W
3148	4822 051 30681	680R00 5% 0,062W
3149	4822 051 30222	2K20 5% 0,062W
3170	4822 051 10471	470R00 2% 0,25W
3171	4822 117 11507	6K8 1% 0,1W
3172	4822 116 83933	15K 1% 0,1W
3175	4822 051 20122	1K20 5% 0,1W
3176	4822 117 11953	560R 1% 0,1W
3177	5322 117 12487	1K RC12G 1% 0,125W
3178	4822 117 12139	22R 5% 0,062W
3179	4822 117 12139	22R 5% 0,062W
3180	4822 051 30103	10K00 5% 0,062W
3181	4822 051 30103	10K00 5% 0,062W
3182	4822 051 30222	2K20 5% 0,062W
3183	4822 117 11145	4K70 1% 0,1W
3184	4822 117 11953	560R 1% 0,1W
3185	5322 117 12487	1K RC12G 1% 0,125W
3188	4822 117 12139	22R 5% 0,062W
3189	4822 051 30102	1K00 5% 0,062W
3190	4822 051 30223	22K00 5% 0,062W
3191	4822 051 30103	10K00 5% 0,062W
3192	4822 051 30472	4K70 5% 0,062W
3193	4822 117 12139	22R 5% 0,062W
3194	4822 117 12139	22R 5% 0,062W
3195	4822 117 12139	22R 5% 0,062W
3196	4822 117 12139	22R 5% 0,062W
3197	4822 051 30102	1K00 5% 0,062W
3198	4822 051 30472	4K70 5% 0,062W
3199	4822 051 30103	10K00 5% 0,062W
3201	4822 051 30223	22K00 5% 0,062W
3202	4822 051 30103	10K00 5% 0,062W
3203	4822 051 30472	4K70 5% 0,062W
3205	4822 051 30101	100R00 5% 0,062W
3206	4822 051 30101	100R00 5% 0,062W
3207	4822 051 30101	100R00 5% 0,062W
3208	4822 051 30222	2K20 5% 0,062W
3209	4822 051 30101	100R00 5% 0,062W
3210	4822 051 30222	2K20 5% 0,062W
3211	4822 051 30332	3K30 5% 0,062W
3212	4822 051 30332	3K30 5% 0,062W
3213	4822 051 30332	3K30 5% 0,062W
3214	4822 051 30104	100K00 5% 0,062W
3220	4822 051 30105	1M00 5% 0,062W
3221	4822 051 30222	2K20 5% 0,062W
3223	4822 051 30473	47K00 5% 0,062W
3224	5322 117 12487	1K RC12G 1% 0,125W
3225	4822 051 30102	1K00 5% 0,062W
3226	4822 117 11504	270R 1% 0.1W
3227	4822 051 30332	3K30 5% 0,062W
3228	4822 051 30332	3K30 5% 0,062W
3229	4822 051 30332	3K30 5% 0,062W
3230	4822 051 30102	1K00 5% 0,062W
3231	4822 117 11139	1K5 1% 0,1W
3232	4822 051 30472	4K70 5% 0,062W
3233	4822 051 30103	10K00 5% 0,062W
3234	4822 051 30102	1K00 5% 0,062W
3235	4822 117 11503	220R 1% 0.1W
3236	4822 051 30183	18K00 5% 0,062W
3237	4822 051 30104	100K00 5% 0,062W
3238	4822 051 30562	5K6 5% 0,063W 0603
3239	4822 051 30152	1K50 5% 0,062W
3240	4822 051 30105	1M00 5% 0,062W
3241	4822 051 30222	2K20 5% 0,062W
3242	4822 051 30471	470R00 5% 0,062W
3243	4822 051 30473	47K00 5% 0,062W
3244	4822 051 30103	10K00 5% 0,062W
3245	4822 117 11141	1K80 1% 0,1W
3246	4822 051 30103	10K00 5% 0,062W
3247	4822 051 30152	1K50 5% 0,062W
3248	4822 051 30103	10K00 5% 0,062W
3249	4822 051 30472	4K70 5% 0,062W
3250	4822 051 30102	1K00 5% 0,062W
3251	4822 051 30224	220K00 5% 0,062W
3252	4822 051 30222	2K20 5% 0,062W
3253	4822 051 30153	15K00 5% 0,062W
3258	4822 051 30105	1M00 5% 0,062W
3260	4822 051 20101	100R00 5% 0,1W
3261	4822 051 30101	100R00 5% 0,062W
3262	4822 051 30101	100R00 5% 0,062W
3263	4822 051 30472	4K70 5% 0,062W
3264	4822 051 30472	4K70 5% 0,062W
3265	4822 051 30223	22K00 5% 0,062W
3266	4822 051 30103	10K00 5% 0,062W
3267	4822 051 30105	1M00 5% 0,062W
3268	4822 051 30472	4K70 5% 0,062W
3270	4822 051 30473	47K00 5% 0,062W
3271	4822 051 30473	47K00 5% 0,062W
3272	4822 051 30101	100R00 5% 0,062W
3273	4822 051 30222	2K20 5% 0,062W
3275	4822 051 30473	47K00 5% 0,062W
3276	4822 051 30473	47K00 5% 0,062W
3277	4822 051 30101	100R00 5% 0,062W

3278	4822 051 30222	2K20 5% 0,062W
3283	4822 051 30103	10K00 5% 0,062W
3284	4822 051 30103	10K00 5% 0,062W
3285	4822 051 30222	2K20 5% 0,062W
3286	4822 051 30105	1M00 5% 0,062W
3314	4822 051 30562	5K6 5% 0,063W 0603
3319	4822 051 30101	100R00 5% 0,062W
3320	4822 051 30473	47K00 5% 0,062W
3321	4822 051 30223	22K00 5% 0,062W
3322	4822 051 30103	10K00 5% 0,062W
3323	4822 051 30473	47K00 5% 0,062W
3324	4822 051 30223	22K00 5% 0,062W
3325	4822 051 30103	10K00 5% 0,062W
3326	4822 051 30101	100R00 5% 0,062W
3328	4822 051 30473	47K00 5% 0,062W
3329	4822 051 30473	47K00 5% 0,062W
3334	4822 051 30101	100R00 5% 0,062W
3336	4822 051 20472	4K70 5% 0,1W
3337	4822 051 30101	100R00 5% 0,062W
3338	4822 051 30102	1K00 5% 0,062W
3339	4822 051 30332	3K30 5% 0,062W
3340	4822 051 30101	100R00 5% 0,062W
3341	4822 051 30101	100R00 5% 0,062W
3345	4822 117 12864	82K 5% 0,6W
3360	4822 051 30472	4K70 5% 0,062W
3361	4822 051 30222	2K20 5% 0,062W
3362	4822 051 30472	4K70 5% 0,062W
3363	4822 051 30222	2K20 5% 0,062W
3364	4822 051 30472	4K70 5% 0,062W
3365	4822 051 30222	2K20 5% 0,062W
3366	4822 051 30223	22K00 5% 0,062W
3367	4822 051 30103	10K00 5% 0,062W
3368	4822 051 30472	4K70 5% 0,062W
3388	4822 051 30103	10K00 5% 0,062W
3389	4822 051 30103	10K00 5% 0,062W
3390	4822 051 20109	10R00 5% 0,1W
3391	4822 051 30101	100R00 5% 0,062W
3392	4822 051 30101	100R00 5% 0,062W
3393	4822 051 30102	1K00 5% 0,062W
3394	4822 051 30102	1K00 5% 0,062W
3395	4822 051 30472	4K70 5% 0,062W
3396	4822 051 30472	4K70 5% 0,062W
3397	4822 051 30472	4K70 5% 0,062W
3398	4822 051 30103	10K00 5% 0,062W
3399	4822 051 30471	470R00 5% 0,062W
3408	4822 051 30101	100R00 5% 0,062W
3409	4822 051 30101	100R00 5% 0,062W
3410	4822 051 30102	1K00 5% 0,062W
3412	4822 051 30008	0R00 jumper
3425	4822 051 30008	0R00 jumper
3432	4822 051 30101	100R00 5% 0,062W
3433	4822 051 30101	100R00 5% 0,062W
3434	4822 117 12706	10K 1% 0.063W RC22H
3439	4822 051 30102	1K00 5% 0,062W
3440	4822 051 30101	100R00 5% 0,062W
3450	4822 117 12523	330R 5% 0,63W
3451	4822 117 12523	330R 5% 0,63W
3453	4822 051 30103	10K00 5% 0,062W
3454	4822 051 30472	4K70 5% 0,062W
3455	4822 051 30102	1K00 5% 0,062W
3456	4822 051 30124	120K00 5% 0,062W
3457	4822 051 30154	150K00 5% 0,062W
3458	4822 051 30222	2K20 5% 0,062W
3470	4822 051 30101	100R00 5% 0,062W
3471	4822 051 20471	470R00 5% 0,1W
3472	4822 051 30101	100R00 5% 0,062W
3473	4822 051 20471	470R00 5% 0,1W
3474	4822 051 30101	100R00 5% 0,062W
3475	4822 051 20471	470R00 5% 0,1W
3478	4822 051 30103	10K00 5% 0,062W
3479	4822 051 30222	2K20 5% 0,062W
3491	4822 051 30101	100R00 5% 0,062W
3492	4822 051 30101	100R00 5% 0,062W
3493	4822 051 20471	470R00 5% 0,1W
3494	4822 051 30101	100R00 5% 0,062W
3495	4822 051 30101	100R00 5% 0,062W
3496	4822 051 20471	470R00 5% 0,1W
3497	4822 051 30101	100R00 5% 0,062W
3498	4822 051 30101	100R00 5% 0,062W
3499	4822 051 20471	470R00 5% 0,1W
3504	4822 051 30104	100K00 5% 0,062W
3505	4822 051 30104	100K00 5% 0,062W
3506	4822 051 30681	680R00 5% 0,062W
3507	4822 051 30681	680R00 5% 0,062W
3508	4822 051 30101	100R00 5% 0,062W
3509	4822 051 30101	100R00 5% 0,062W
3510	4822 051 30101	100R00 5% 0,062W
3511	4822 051 30101	100R00 5% 0,062W
3512	4822 051 30101	100R00 5% 0,062W
3513	4822 051 30101	100R00 5% 0,062W
3514	4822 051 30101	100R00 5% 0,062W
3515	4822 051 30101	100R00 5% 0,062W
3529	4822 051 30102	1K00 5% 0,062W
3600	4822 051 30103	10K00 5% 0,062W
3601	4822 051 30223	22K00 5% 0,062W
3602	4822 051 30103	10K00 5% 0,062W
3603	4822 051 30103	10K00 5% 0,062W
3604	4822 051 30103	10K00 5% 0,062W
3605	4822 051 30473	47K00 5% 0,062W
3606	4822 051 30223	22K00 5% 0,062W
3607	4822 051 30103	10K00 5% 0,062W
3608	4822 051 30103	10K00 5% 0,062W
3609	4822 051 30103	10K00 5% 0,062W
3610	4822 051 30008	0R00 jumper
3616	4822 051 30103	10K00 5% 0,062W
3617	4822 051 30103	10K00 5% 0,062W
3618	4822 051 30223	22K00 5% 0,062W
3619	4822 051 30103	10K00 5% 0,062W
3624	4822 051 30101	100R00 5% 0,062W
3625	4822 051 30008	0R00 jumper
3626	4822 051 30101	100R00 5% 0,062W
3627	4822 051 30103	10K00 5% 0,062W
3628	4822 051 30473	47K00 5% 0,062W
3629	4822 051 30223	22K00 5% 0,062W
3630	4822 051 30103	10K00 5% 0,062W
3631	4822 051 30102	1K00 5% 0,062W
3632	4822 051 30008	0R00 jumper
3633	4822 051 30102	1K00 5% 0,062W
3634	4822 051 30101	100R00 5% 0,062W
3641	4822 051 30332	3K30 5% 0,062W
3642	4822 051 30008	0R00 jumper
3644	4822 051 30008	0R00 jumper
3646	4822 051 30822	8K20 5% 0,062W
3647	4822 051 30153	15K00 5% 0,062W
3648	4822 051 30222	2K20 5% 0,062W
3649	4822 051 30332	3K30 5% 0,062W
3653	4822 051 30221	220R00 5% 0,062W
3654	4822 051 30339	33R00 5% 0,062W

3659	4822 051 30471	470R00 5% 0,062W
3660	4822 051 30471	470R00 5% 0,062W
3661	4822 051 30471	470R00 5% 0,062W
3662	4822 051 30471	470R00 5% 0,062W
3663	4822 051 30471	470R00 5% 0,062W
3664	4822 051 30471	470R00 5% 0,062W
3665	4822 051 30471	470R00 5% 0,062W
3666	4822 051 30471	470R00 5% 0,062W
3667	4822 051 30471	470R00 5% 0,062W
3668	4822 051 30471	470R00 5% 0,062W
3669	4822 051 30101	100R00 5% 0,062W
3670	4822 051 30008	0R00 jumper
3673	4822 051 30472	4K70 5% 0,062W
3675	4822 051 30222	2K20 5% 0,062W
3677	4822 051 30222	2K20 5% 0,062W
3679	4822 051 30101	100R00 5% 0,062W
3680	4822 051 30101	100R00 5% 0,062W
3681	4822 051 30101	100R00 5% 0,062W
3682	4822 051 30101	100R00 5% 0,062W
3683	4822 051 30101	100R00 5% 0,062W
3684	4822 051 30101	100R00 5% 0,062W
3685	4822 051 30101	100R00 5% 0,062W
3686	4822 051 30101	100R00 5% 0,062W
3687	4822 051 30101	100R00 5% 0,062W
3688	4822 051 30101	100R00 5% 0,062W
3689	4822 051 30101	100R00 5% 0,062W
3690	4822 051 30101	100R00 5% 0,062W
3691	4822 051 30101	100R00 5% 0,062W
3692	4822 051 30101	100R00 5% 0,062W
3693	4822 051 30101	100R00 5% 0,062W
3694	4822 051 30008	0R00 jumper
3695	4822 051 30008	0R00 jumper
3696	4822 051 30101	100R00 5% 0,062W
3703	4822 117 13084	10M 5% 0,62W 0603
3704	4822 051 30221	220R00 5% 0,062W
3705	4822 051 20008	0R00 JUMP. (0805)
3706	4822 051 20008	0R00 JUMP. (0805)
3707	4822 051 20008	0R00 JUMP. (0805)
3710	4822 051 30102	1K00 5% 0,062W
3711	4822 051 30103	10K00 5% 0,062W
3712	4822 051 30562	5K6 5% 0,063W 0603
3715	4822 051 30103	10K00 5% 0,062W
3716	4822 051 30103	10K00 5% 0,062W
3717	4822 051 30103	10K00 5% 0,062W
3718	4822 051 30472	4K70 5% 0,062W
3719	4822 051 30562	5K6 5% 0,063W 0603
3720	4822 051 30152	1K50 5% 0,062W
3721	4822 051 30472	4K70 5% 0,062W
3722	4822 051 30472	4K70 5% 0,062W
3723	4822 051 30152	1K50 5% 0,062W
3724	4822 051 20101	100R00 5% 0,1W
3725	4822 051 30223	22K00 5% 0,062W
3726	4822 051 30223	22K00 5% 0,062W
3727	4822 051 30223	22K00 5% 0,062W
3729	4822 051 30103	10K00 5% 0,062W
3730	4822 051 30223	22K00 5% 0,062W
3731	4822 051 30223	22K00 5% 0,062W
3732	4822 051 30473	47K00 5% 0,062W
3733	4822 051 30473	47K00 5% 0,062W
3734	4822 051 30103	10K00 5% 0,062W
3735	4822 051 30102	1K00 5% 0,062W
3736	4822 051 30562	5K6 5% 0,063W 0603
3737	4822 051 30103	10K00 5% 0,062W
3738	4822 051 30223	22K00 5% 0,062W
3739	4822 051 30103	10K00 5% 0,062W
3740	4822 051 30103	10K00 5% 0,062W
3741	4822 051 30102	1K00 5% 0,062W
3742	4822 051 30562	5K6 5% 0,063W 0603
3743	4822 051 30104	100K00 5% 0,062W
3744	4822 051 20101	100R00 5% 0,1W
3745	4822 051 30222	2K20 5% 0,062W
3746	4822 051 30153	15K00 5% 0,062W
3747	4822 117 11448	180R 1% 0,1W
3748	4822 051 20101	100R00 5% 0,1W
3749	4822 051 30102	1K00 5% 0,062W
3750	4822 051 30103	10K00 5% 0,062W
3751	4822 051 30104	100K00 5% 0,062W
3752	4822 051 30222	2K20 5% 0,062W
3753	4822 051 20008	0R00 JUMP. (0805)
3754	4822 051 30153	15K00 5% 0,062W
3755	4822 051 20101	100R00 5% 0,1W
3756	4822 051 20101	100R00 5% 0,1W
3757	4822 117 12523	330R 5% 0,63W
3758	4822 051 20822	8K20 5% 0,1W
3759	4822 051 20333	33K00 5% 0,1W
3760	4822 051 30103	10K00 5% 0,062W
3761	4822 051 30104	100K00 5% 0,062W
3762	4822 051 30102	1K00 5% 0,062W
3763	4822 051 30332	3K30 5% 0,062W
3764	4822 051 30104	100K00 5% 0,062W
3765	4822 051 20399	39R00 5% 0,1W
3766	4822 051 30103	10K00 5% 0,062W
3767	4822 051 20101	100R00 5% 0,1W
3768	4822 051 20399	39R00 5% 0,1W
3769	4822 051 30103	10K00 5% 0,062W
3770	4822 051 20101	100R00 5% 0,1W
3771	4822 051 20399	39R00 5% 0,1W
3772	4822 051 30103	10K00 5% 0,062W
3773	4822 051 20101	100R00 5% 0,1W
3774	4822 051 30103	10K00 5% 0,062W
3775	4822 051 30103	10K00 5% 0,062W
3776	4822 051 20101	100R00 5% 0,1W
3777	4822 051 30272	2K70 5% 0,062W
3780	4822 051 30102	1K00 5% 0,062W
3781	4822 051 30332	3K30 5% 0,062W
3782	4822 051 20202	2K00 5% 0,1W
3783	4822 051 30334	330K00 5% 0,062W
3784	4822 051 30101	100R00 5% 0,062W
3785	4822 051 30101	100R00 5% 0,062W
3790	4822 051 30101	100R00 5% 0,062W
3791	4822 051 30471	470R00 5% 0,062W
3792	4822 051 30102	1K00 5% 0,062W
3793	4822 051 30471	470R00 5% 0,062W
3794	4822 051 30103	10K00 5% 0,062W
3795	4822 051 30104	100K00 5% 0,062W
3796	4822 051 30104	100K00 5% 0,062W
3798	4822 051 30101	100R00 5% 0,062W
3799	4822 051 30101	100R00 5% 0,062W
3800	4822 051 30471	470R00 5% 0,062W
3801	4822 051 30223	22K00 5% 0,062W
3802	4822 051 30101	100R00 5% 0,062W
3803	4822 051 30101	100R00 5% 0,062W
3805	4822 051 30102	1K00 5% 0,062W
3806	4822 051 30102	1K00 5% 0,062W
3807	4822 051 30472	4K70 5% 0,062W
3808	4822 051 30472	4K70 5% 0,062W
3809	4822 051 30008	0R00 jumper
3810	4822 051 30008	0R00 jumper

3813	4822 051 30332	3K30 5% 0,062W
3815	4822 051 30332	3K30 5% 0,062W
3816	4822 051 30472	4K70 5% 0,062W
3817	4822 051 30008	0R00 jumper
3819	4822 051 30101	100R00 5% 0,062W
3821	4822 051 30101	100R00 5% 0,062W
3823	4822 051 30101	100R00 5% 0,062W
3824	4822 051 30472	4K70 5% 0,062W
3825	4822 051 30472	4K70 5% 0,062W
3826	4822 051 30472	4K70 5% 0,062W
3827	4822 051 30472	4K70 5% 0,062W
3828	4822 051 30472	4K70 5% 0,062W
3829	4822 051 30222	2K20 5% 0,062W
3831	4822 051 30008	0R00 jumper
3832	4822 051 30473	47K00 5% 0,062W
3833	4822 051 30473	47K00 5% 0,062W
3834	4822 051 30473	47K00 5% 0,062W
3835	4822 051 30473	47K00 5% 0,062W
3836	4822 051 30471	470R00 5% 0,062W
3837	4822 051 30471	470R00 5% 0,062W
3838	4822 051 30471	470R00 5% 0,062W
3839	4822 051 30471	470R00 5% 0,062W
3840	4822 051 30008	0R00 jumper
3841	4822 051 30008	0R00 jumper
3843	4822 117 12523	330R 5% 0,63W
3844	4822 051 30473	47K00 5% 0,062W
3845	4822 051 30473	47K00 5% 0,062W
3847	4822 051 30473	47K00 5% 0,062W
3848	4822 051 30473	47K00 5% 0,062W
3849	4822 051 30473	47K00 5% 0,062W
3850	4822 051 30473	47K00 5% 0,062W
3851	4822 051 30562	5K6 5% 0,063W 0603
3852	4822 051 20101	100R00 5% 0,1W
3853	4822 117 11448	180R 1% 0,1W
3854	4822 051 30103	10K00 5% 0,062W
3856	4822 117 12706	10K 1% 0.063W
3857	4822 051 30104	100K00 5% 0,062W
3858	4822 051 30103	10K00 5% 0,062W
3859	4822 051 30104	100K00 5% 0,062W
3860	4822 051 30104	100K00 5% 0,062W
3861	4822 051 30104	100K00 5% 0,062W
3862	4822 051 30223	22K00 5% 0,062W
3863	4822 051 30105	1M00 5% 0,062W
3879	4822 051 30103	10K00 5% 0,062W
3881	4822 117 12706	10K 1% 0.063W
3882	4822 051 30104	100K00 5% 0,062W
3883	4822 051 30103	10K00 5% 0,062W
3884	4822 051 30104	100K00 5% 0,062W
3885	4822 051 30104	100K00 5% 0,062W
3886	4822 051 30104	100K00 5% 0,062W
3887	4822 051 30223	22K00 5% 0,062W
3888	4822 051 30105	1M00 5% 0,062W
3890	4822 051 30104	100K00 5% 0,062W
3891	4822 051 30473	47K00 5% 0,062W
3892	4822 051 30472	4K70 5% 0,062W
3893	4822 051 30102	1K00 5% 0,062W
3894	4822 051 30104	100K00 5% 0,062W
3896	4822 051 30105	1M00 5% 0,062W
3897	4822 051 30224	220K00 5% 0,062W
3900	4822 051 30104	100K00 5% 0,062W
3901	4822 051 30473	47K00 5% 0,062W
3902	4822 051 30472	4K70 5% 0,062W
3903	4822 051 30102	1K00 5% 0,062W
3904	4822 051 30104	100K00 5% 0,062W

3906	4822 051 30105	1M00 5% 0,062W
3910	4822 051 30101	100R00 5% 0,062W
3911	4822 051 30101	100R00 5% 0,062W
3912	4822 051 30101	100R00 5% 0,062W
3915	4822 117 12997	5R6 5% 0,125W 1206
3916	4822 051 30224	220K00 5% 0,062W
3920	4822 051 30103	10K00 5% 0,062W
3921	4822 051 30224	220K00 5% 0,062W
3922	4822 051 30472	4K70 5% 0,062W
3925	4822 051 30103	10K00 5% 0,062W
3926	4822 051 30224	220K00 5% 0,062W
3927	4822 051 30472	4K70 5% 0,062W
3933	4822 051 30473	47K00 5% 0,062W
3935	4822 051 30102	1K00 5% 0,062W
3936	4822 051 30101	100R00 5% 0,062W
3937	4822 051 30473	47K00 5% 0,062W
3949	4822 051 30008	0R00 jumper
3950	4822 051 30008	0R00 jumper
3951	4822 051 30223	22K00 5% 0,062W
3952	4822 051 30101	100R00 5% 0,062W
3953	4822 051 30101	100R00 5% 0,062W
3954	4822 051 30102	1K00 5% 0,062W
3967	4822 051 30471	470R00 5% 0,062W
3968	4822 051 30471	470R00 5% 0,062W
3975	4822 051 30104	100K00 5% 0,062W
3976	4822 051 30104	100K00 5% 0,062W
3977	4822 051 30562	5K6 5% 0,063W 0603
3978	4822 051 30562	5K6 5% 0,063W 0603
3979	4822 051 30472	4K70 5% 0,062W
3980	4822 051 30472	4K70 5% 0,062W
3984	4822 051 30104	100K00 5% 0,062W
3985	4822 051 30562	5K6 5% 0,063W 0603
3986	4822 117 11448	180R 1% 0,1W
3987	4822 117 11504	270R 1% 0.1W
3988	4822 117 11504	270R 1% 0.1W
3989	4822 051 30103	10K00 5% 0,062W
3990	4822 051 30104	100K00 5% 0,062W
3991	4822 051 30104	100K00 5% 0,062W
3995	4822 051 30473	47K00 5% 0,062W
3996	4822 051 30473	47K00 5% 0,062W
3997	4822 051 30153	15K00 5% 0,062W
3999	4822 051 30008	0R00 jumper

Coils

5000	4822 157 10333	4,7UH/20%)
5001	4822 157 10333	4,7UH/20%)
5015	4822 157 10333	4,7UH/20%)
5016	4822 157 11505	BLM31A601SPT
5017	4822 157 10333	4,7UH/20%)
5018	4822 157 11505	BLM31A601SPT
5019	4822 157 10333	4,7UH/20%)
5020	4822 157 11505	BLM31A601SPT
5021	4822 157 10333	4,7UH/20%)
5022	4822 157 10333	4,7UH/20%)
5023	4822 157 10333	4,7UH/20%)
5025	4822 157 10333	4,7UH/20%)
5027	4822 157 10333	4,7UH/20%)
5080	4822 157 10333	4,7UH/20%)
5083	5322 157 63379	10UH 10% TDK
5085	5322 157 63379	10UH 10% TDK
5087	5322 157 63379	10UH 10% TDK
5090	4822 157 10333	4,7UH/20%)
5091	4822 157 10333	4,7UH/20%)
5105	4822 157 10333	4,7UH/20%)

5115	4822 157 10333	4,7UH/20%)
5125	4822 157 10333	4,7UH/20%)
5155	4822 157 10333	4,7UH/20%)
5156	4822 157 10333	4,7UH/20%)
5190	4822 157 11427	1000UH 5%
5201	4822 157 10333	4,7UH/20%)
5210	4822 157 10333	4,7UH/20%)
5235	4822 157 10333	4,7UH/20%)
5245	4822 157 10333	4,7UH/20%)
5265	4822 157 10333	4,7UH/20%)
5305	4822 157 10333	4,7UH/20%)
5307	4822 157 10333	4,7UH/20%)
5309	4822 157 10333	4,7UH/20%)
5311	4822 157 10333	4,7UH/20%)
5320	4822 157 10333	4,7UH/20%)
5330	4822 157 10333	4,7UH/20%)
5380	4822 157 10333	4,7UH/20%)
5382	4822 157 10333	4,7UH/20%)
5405	4822 157 10333	4,7UH/20%)
5430	4822 157 10333	4,7UH/20%)
5440	4822 157 10333	4,7UH/20%)
5518	4822 157 10333	4,7UH/20%)
5600	4822 157 10333	4,7UH/20%)
5604	4822 157 10333	4,7UH/20%)
5605	4822 157 10333	4,7UH/20%)
5607	4822 157 10333	4,7UH/20%)
5610	4822 157 10333	4,7UH/20%)
5611	4822 157 10333	4,7UH/20%)
5613	4822 157 10333	4,7UH/20%)
5615	4822 157 10333	4,7UH/20%)
5616	4822 157 10333	4,7UH/20%)
5617	4822 157 10333	4,7UH/20%)
5620	4822 157 10333	4,7UH/20%)
5622	4822 157 10333	4,7UH/20%)
5624	4822 157 10333	4,7UH/20%)
5626	4822 157 10333	4,7UH/20%)
5628	4822 157 10333	4,7UH/20%)
5630	4822 157 10333	4,7UH/20%)
5635	4822 157 10333	4,7UH/20%)
5637	4822 157 10333	4,7UH/20%)
5639	4822 157 10333	4,7UH/20%)
5641	4822 157 10333	4,7UH/20%)
5643	4822 157 10333	4,7UH/20%)
5645	4822 157 10333	4,7UH/20%)
5653	4822 157 10333	4,7UH/20%)
5658	4822 157 11742	0,22UH 10%
5660	4822 157 10333	4,7UH/20%)
5665	4822 157 10333	4,7UH/20%)
5701	4822 157 11505	BLM31A601SPT
5702	4822 157 11505	BLM31A601SPT
5705	4822 157 10333	4,7UH/20%)
5715	4822 157 10333	4,7UH/20%)
5721	4822 157 11505	BLM31A601SPT
5722	4822 157 11505	BLM31A601SPT
5727	4822 157 10333	4,7UH/20%)
5752	4822 157 10333	4,7UH/20%)
5763	4822 157 10333	4,7UH/20%)
5775	4822 157 10333	4,7UH/20%)
5777	4822 157 10333	4,7UH/20%)
5785	4822 157 10333	4,7UH/20%)
5792	4822 157 10333	4,7UH/20%)
5796	4822 157 10333	4,7UH/20%)
5797	4822 157 10334	10U
5798	4822 157 10334	10U
5799	4822 157 10333	4,7UH/20%)
5805	4822 157 10333	4,7UH/20%)
5951	4822 157 10333	4,7UH/20%)
5960	4822 157 10333	4,7UH/20%)
5990	4822 157 10333	4,7UH/20%)

Diodes

6221	5322 130 31928	BAS16
6222	5322 130 31928	BAS16
6241	5322 130 31928	BAS16
6258	5322 130 31928	BAS16
6285	5322 130 31928	BAS16
6365	5322 130 34331	BAV70
6653	4822 130 31438	1N4001G
6660	5322 130 31544	BAT17
6661	5322 130 31544	BAT17
6742	5322 130 31928	BAS16
6743	5322 130 31928	BAS16
6744	5322 130 31928	BAS16
6749	5322 130 31928	BAS16
6750	5322 130 31928	BAS16
6764	5322 130 31928	BAS16
6765	5322 130 31928	BAS16
6766	5322 130 31928	BAS16
6778	5322 130 31928	BAS16
6779	5322 130 31928	BAS16
6793	4822 130 11411	BZX284-C3V3
6796	5322 130 31928	BAS16
6805	4822 130 80125	BZX84-C5V6
6862	5322 130 10734	BAT54A
6891	5322 130 30691	BAW56
6892	5322 130 34331	BAV70
6894	5322 130 31937	BZX84-C4V7
6901	5322 130 30691	BAW56
6902	5322 130 34331	BAV70
6904	5322 130 31937	BZX84-C4V7
6975	5322 130 31928	BAS16
6976	5322 130 31928	BAS16
6982	5322 130 31928	BAS16
6983	5322 130 31928	BAS16
6984	5322 130 31928	BAS16
6985	5322 130 31928	BAS16
6986	5322 130 31928	BAS16
6988	5322 130 31928	BAS16
6989	5322 130 31928	BAS16

Transistors & Integrated Circuits

7000	4822 209 60792	74HC4053D
7010	4822 130 42513	BC858C
7015	4822 209 16099	TDA4885
7016	4822 130 42131	BF550
7017	4822 130 60887	BF840
7018	4822 130 60887	BF840
7019	4822 130 42131	BF550
7020	4822 130 42131	BF550
7021	4822 130 60887	BF840
7022	4822 130 60887	BF840
7023	4822 130 42131	BF550
7024	4822 130 42131	BF550
7025	4822 130 60887	BF840
7026	4822 130 60887	BF840
7027	4822 130 42131	BF550
7028	4822 130 42131	BF550
7029	4822 130 60887	BF840
7030	4822 130 60887	BF840

7031	4822 130 42131	BF550
7032	4822 130 42131	BF550
7033	4822 130 60887	BF840
7034	4822 130 60887	BF840
7035	4822 130 42131	BF550
7036	4822 130 42131	BF550
7037	4822 130 60887	BF840
7038	4822 130 60887	BF840
7039	4822 130 42131	BF550
7080	4822 209 60792	74HC4053D
7082	4822 130 42513	BC858C
7089	4822 130 42131	BF550
7090	4822 130 42131	BF550
7091	4822 130 42131	BF550
7095	5322 209 61482	PC74HC4066T
7100	5322 130 42136	BC848C
7105	4822 209 15967	AT24C21-10PC-2.5
7109	4822 209 16906	DS1621V
7115	5322 130 42136	BC848C
7120	4822 209 15967	AT24C21-10PC-2.5
7125	5322 209 90559	TDA8444T/N4
7170	4822 209 16406	TL431ACD
7175	5322 209 82941	LM358D
7180	5322 209 82941	LM358D
7181	5322 130 42136	BC848C
7190	4822 209 90752	74HCT04D
7192	4822 209 73852	PMBT2369
7193	5322 209 82941	LM358D
7195	5322 209 82941	LM358D
7199	5322 130 42136	BC848C
7201	5322 130 42136	BC848C
7205	4822 209 60792	74HC4053D
7211	4822 209 73852	PMBT2369
7215	5322 209 71562	PC74HC86T
7220	5322 209 11147	HEF4093BT
7221	4822 130 42513	BC858C
7223	5322 130 42136	BC848C
7225	4822 209 73852	PMBT2369
7226	4822 209 73852	PMBT2369
7228	4822 209 73852	PMBT2369
7231	4822 209 73852	PMBT2369
7233	4822 130 42513	BC858C
7234	5322 130 42136	BC848C
7235	5322 130 42136	BC848C
7245	5322 209 71562	PC74HC86T
7246	5322 130 42136	BC848C
7247	4822 130 42513	BC858C
7248	4822 130 42513	BC858C
7249	4822 209 73852	PMBT2369
7250	4822 209 60767	LM1881M
7252	5322 209 71589	74HC74D
7255	4822 209 12775	74HC153D
7260	5322 209 11578	PCF8574T
7266	5322 209 11517	PC74HCU04T
7269	5322 209 11297	HEF4040BT
7271	5322 209 11297	HEF4040BT
7272	5322 130 42136	BC848C
7277	5322 130 42136	BC848C
7285	4822 209 73852	PMBT2369
7305	4822 209 12998	SAA4961/V3/S1
7320	5322 209 61482	PC74HC4066T
7321	5322 130 42136	BC848C
7324	5322 130 42136	BC848C
7330	4822 209 12942	TDA9143/N1
7338	5322 130 42136	BC848C
7360	4822 130 42353	BSF19-F2
7365	4822 130 42353	BSF19-F2
7368	5322 130 42136	BC848C
7370	4822 130 42353	BSF19-F2
7380	4822 209 13028	TDA4665T/V4
7390	5322 209 11578	PCF8574T
7405	4822 209 90287	TDA9170/N1
7430	4822 209 15116	TDA9177/N1
7440	4822 209 16256	TDA4780/V4
7455	5322 130 42136	BC848C
7470	5322 130 42136	BC848C
7472	5322 130 42136	BC848C
7474	5322 130 42136	BC848C
7491	5322 130 42136	BC848C
7492	5322 130 42136	BC848C
7494	5322 130 42136	BC848C
7495	5322 130 42136	BC848C
7497	5322 130 42136	BC848C
7498	5322 130 42136	BC848C
7505	4822 209 33293	TDA9860/V2
7600	4822 130 42513	BC858C
7603	5322 130 42136	BC848C
7605	4822 209 16805	TDA8714T/7
7607	5322 130 42136	BC848C
7608	5322 130 60502	BSS83
7609	5322 130 60502	BSS83
7616	4822 130 42513	BC858C
7617	5322 130 42136	BC848C
7620	4822 209 16805	TDA8714T/7
7628	5322 130 42136	BC848C
7631	5322 130 60502	BSS83
7633	5322 130 60502	BSS83
7635	4822 209 16805	TDA8714T/7
7649	5322 130 42136	BC848C
7653	5322 130 63033	BCP56
7654	4822 209 16406	TL431ACD
7655	4822 209 15968	Limesco
7660	4822 209 16259	74LVC74D
7665	4822 209 16259	74LVC74D
7700	4822 209 15966	UA78L10ACDR
7705	5322 209 11304	HEF4104BT
7706	5322 209 14477	HEF4013BT
7710	5322 209 14476	HEF4011BT
7715	4822 130 42513	BC858C
7720	4822 209 15966	UA78L10ACDR
7724	5322 209 73179	74HCT74D
7726	4822 209 16261	74HCT365D
7727	5322 209 11304	HEF4104BT
7728	5322 209 14477	HEF4013BT
7730	5322 209 14476	HEF4011BT
7732	5322 130 60502	BSS83
7733	5322 130 60502	BSS83
7734	5322 130 42136	BC848C
7735	4822 130 42513	BC858C
7738	5322 130 42136	BC848C
7740	5322 130 42136	BC848C
7743	4822 130 60515	BF992
7744	4822 130 42513	BC858C
7745	4822 130 42513	BC858C
7748	4822 130 42513	BC858C
7749	4822 130 42513	BC858C
7751	4822 209 15885	74LVCU04D
7752	4822 209 15885	74LVCU04D

7760	4822 209 16258	TDA8772H
7761	5322 130 42136	BC848C
7764	4822 130 60515	BF992
7776	4822 130 42513	BC858C
7777	4822 130 42513	BC858C
7778	4822 130 42513	BC858C
7779	5322 130 42136	BC848C
7780	4822 209 15885	74LVCU04D
7781	4822 130 42513	BC858C
7785	4822 209 15885	74LVCU04D
7786	5322 130 42136	BC848C
7788	4822 209 33411	MC78L05ACD
7792	4822 209 16806	DS1021S-50
7793	4822 130 42513	BC858C
7794	4822 130 42513	BC858C
7800	4822 209 16907	M24C16-MN6T
7805	4822 209 16807	DS80C320-QCG
7806	4822 130 11057	2N7002
7807	4822 130 11057	2N7002
7810	5322 209 60299	PC74HCT00T
7815	5322 209 30268	PC74HCT541T
7820	4822 816 11169	M27C1001-70FI (empty)
7825	5322 209 31276	SN74HCT573DW
7830	4822 209 91023	UM62256D-70LL
7835	4822 209 16269	74HCT377D
7845	4822 209 16269	74HCT377D
7858	4822 209 73852	PMBT2369
7875	5322 209 11596	74HCT08D
7883	4822 209 73852	PMBT2369
7891	4822 130 11201	PMBT2907
7901	4822 130 11201	PMBT2907
7910	5322 209 11578	PCF8574T
7915	9322 125 53668	DS232AS
7922	4822 130 42513	BC858C
7927	4822 130 42513	BC858C
7951	4822 209 16908	M24C01-MN6T
7960	4822 209 16812	Gate array Spider
7973	4822 130 11057	2N7002
7974	4822 130 11057	2N7002
7975	5322 130 10669	BSS84
7976	5322 130 10669	BSS84
7977	4822 209 16262	74HC4016D
7978	4822 130 42513	BC858C
7979	4822 130 42513	BC858C
7980	5322 130 42136	BC848C
7981	5322 130 42136	BC848C
7982	4822 130 42513	BC858C
7983	5322 130 42136	BC848C
7984	4822 130 60515	BF992
7985	4822 130 42513	BC858C
7986	4822 130 42513	BC858C
7987	4822 130 42513	BC858C
7988	4822 209 15966	UA78L10ACDR
7989	5322 209 11517	PC74HCU04T
7990	5322 209 11517	PC74HCU04T
7995	5322 130 42136	BC848C
7996	5322 130 42136	BC848C

Measuring pins

9134	4822 404 60717	Test device PCB SM
9135	4822 404 60717	Test device PCB SM
9136	4822 404 60717	Test device PCB SM
9156	4822 404 60717	Test device PCB SM
9179	4822 404 60717	Test device PCB SM
9187	4822 404 60717	Test device PCB SM
9216	4822 404 60717	Test device PCB SM
9218	4822 404 60717	Test device PCB SM
9429	4822 404 60717	Test device PCB SM
9430	4822 404 60717	Test device PCB SM
9431	4822 404 60717	Test device PCB SM
9510	4822 404 60717	Test device PCB SM
9626	4822 404 60717	Test device PCB SM
9628	4822 404 60717	Test device PCB SM
9633	4822 404 60717	Test device PCB SM
9635	4822 404 60717	Test device PCB SM
9901	4822 404 60717	Test device PCB SM
9903	4822 404 60717	Test device PCB SM
9905	4822 404 60717	Test device PCB SM
9907	4822 404 60717	Test device PCB SM
9910	4822 404 60717	Test device PCB SM
9978	4822 404 60717	Test device PCB SM

I/O board

1000	4822 212 11178	I/O board LC4500

Connectors

126	4822 267 10669	52089-3010 (30P)
127	4822 267 10669	52089-3010 (30P)
131	4822 265 11141	Minidin socket
132	4822 265 11142	Jack pin
133	4822 265 11143	Minidin socket
134	4822 265 11144	3,5mm audio plug
136	4822 265 11144	3,5mm audio plug
137	4822 265 11145	Jack pin
138	4822 265 11143	Minidin socket
139	4822 267 10671	15 P. female
141	4822 267 10671	15 P. female

Capacitors

2406	5322 122 31863	330PF 5%NP0 50V
2408	5322 122 31863	330PF 5%NP0 50V
2445	4822 122 32627	2.7NF10%X7R 50V
2448	4822 122 32627	2.7NF10%X7R 50V
2450	5322 122 31863	330PF 5%NP0 50V
2452	5322 122 31863	330PF 5%NP0 50V
2455	5322 122 31863	330PF 5%NP0 50V
2457	5322 122 31863	330PF 5%NP0 50V

Resistors

3401	4822 116 52201	75E 5% 0,5W
3402	4822 116 52201	75E 5% 0,5W
3405	4822 116 52201	75E 5% 0,5W
3406	4822 051 20102	1K00 5% 0,1W
3407	4822 051 20224	220K00 5% 0,1W
3408	4822 051 20102	1K00 5% 0,1W
3409	4822 051 20224	220K00 5% 0,1W
3415	4822 051 20101	100R00 5% 0,1W
3417	4822 051 20101	100R00 5% 0,1W
3419	4822 051 20101	100R00 5% 0,1W
3420	4822 051 20101	100R00 5% 0,1W
3421	4822 051 20101	100R00 5% 0,1W
3423	4822 051 20101	100R00 5% 0,1W
3430	4822 051 20101	100R00 5% 0,1W
3432	4822 051 20101	100R00 5% 0,1W
3434	4822 051 20101	100R00 5% 0,1W

3435	4822 051 20101	100R00 5% 0,1W
3436	4822 051 20101	100R00 5% 0,1W
3438	4822 051 20101	100R00 5% 0,1W
3445	4822 117 10353	150R 1% 0,1W
3447	4822 051 20102	1K00 5% 0,1W
3448	4822 117 10353	150R 1% 0,1W
3450	4822 051 20102	1K00 5% 0,1W
3451	4822 051 20224	220K00 5% 0,1W
3452	4822 051 20102	1K00 5% 0,1W
3453	4822 051 20224	220K00 5% 0,1W
3455	4822 051 20102	1K00 5% 0,1W
3456	4822 051 20224	220K00 5% 0,1W
3457	4822 051 20102	1K00 5% 0,1W
3458	4822 051 20224	220K00 5% 0,1W
3460	4822 116 52201	75E 5% 0,5W
3461	4822 116 52201	75E 5% 0,5W
3462	4822 116 52201	75E 5% 0,5W
3464	4822 051 20101	100R00 5% 0,1W
3465	4822 051 20101	100R00 5% 0,1W
3470	4822 116 52201	75E 5% 0,5W
3471	4822 116 52201	75E 5% 0,5W
3472	4822 116 52201	75E 5% 0,5W
3474	4822 051 20101	100R00 5% 0,1W
3475	4822 051 20101	100R00 5% 0,1W

Coils

5415	4822 130 81125	MA701A
5430	4822 130 81125	MA701A

Diodes

6400	4822 130 11027	BZX284-C33
6401	4822 130 11027	BZX284-C33
6402	4822 130 11027	BZX284-C33
6403	4822 130 11027	BZX284-C33
6404	4822 130 11027	BZX284-C33
6405	4822 130 11027	BZX284-C33
6406	4822 130 11027	BZX284-C33
6407	4822 130 11027	BZX284-C33
6408	4822 130 11027	BZX284-C33
6409	4822 130 11027	BZX284-C33
6415	4822 130 11027	BZX284-C33
6416	4822 130 11027	BZX284-C33
6417	4822 130 11027	BZX284-C33
6418	4822 130 11027	BZX284-C33
6419	4822 130 11027	BZX284-C33
6420	4822 130 11027	BZX284-C33
6421	4822 130 11027	BZX284-C33
6422	4822 130 11027	BZX284-C33
6423	4822 130 11027	BZX284-C33
6424	4822 130 11027	BZX284-C33
6425	4822 130 11027	BZX284-C33
6430	4822 130 11027	BZX284-C33
6431	4822 130 11027	BZX284-C33
6432	4822 130 11027	BZX284-C33
6433	4822 130 11027	BZX284-C33
6434	4822 130 11027	BZX284-C33
6435	4822 130 11027	BZX284-C33
6436	4822 130 11027	BZX284-C33
6437	4822 130 11027	BZX284-C33
6438	4822 130 11027	BZX284-C33
6439	4822 130 11027	BZX284-C33
6440	4822 130 11027	BZX284-C33
6445	4822 130 11027	BZX284-C33
6446	4822 130 11027	BZX284-C33
6447	4822 130 11027	BZX284-C33
6448	4822 130 11027	BZX284-C33
6449	4822 130 11027	BZX284-C33
6450	4822 130 11027	BZX284-C33
6451	4822 130 11027	BZX284-C33
6452	4822 130 11027	BZX284-C33
6453	4822 130 11027	BZX284-C33
6455	4822 130 11027	BZX284-C33
6456	4822 130 11027	BZX284-C33
6457	4822 130 11027	BZX284-C33
6458	4822 130 11027	BZX284-C33
6460	4822 130 11027	BZX284-C33
6461	4822 130 11027	BZX284-C33
6462	4822 130 11027	BZX284-C33
6463	4822 130 11027	BZX284-C33
6464	4822 130 11027	BZX284-C33
6465	4822 130 11027	BZX284-C33
6466	4822 130 11027	BZX284-C33
6467	4822 130 11027	BZX284-C33
6468	4822 130 11027	BZX284-C33
6469	4822 130 11027	BZX284-C33
6470	4822 130 11027	BZX284-C33
6471	4822 130 11027	BZX284-C33
6472	4822 130 11027	BZX284-C33
6473	4822 130 11027	BZX284-C33
6474	4822 130 11027	BZX284-C33
6475	4822 130 11027	BZX284-C33
6476	4822 130 11027	BZX284-C33
6477	4822 130 11027	BZX284-C33
6478	4822 130 11027	BZX284-C33
6479	4822 130 11027	BZX284-C33

Driveboard

1003	4822 212 11667	DRB LC4700

Connectors

150	4822 265 11234	36 P. female
151	4822 265 11234	36 P. female
152	4822 265 11234	36 P. female
156	4822 267 10666	30 P. female
160	4822 267 10672	22-05-7105 (10P)

Capacitors

2002	4822 124 12077	33UF 20% SM 10V
2003	4822 126 13196	100NF 10% 0805 25V
2004	4822 124 12077	33UF 20% SM 10V
2005	4822 124 12078	33UF 20% SM 25V
2006	4822 124 41842	47UF
2007	4822 126 13196	100NF 10% 0805 25V
2008	4822 124 12078	33UF 20% SM 25V
2009	4822 124 12078	33UF 20% SM 25V
2010	4822 126 13196	100NF 10% 0805 25V
2011	4822 124 12078	33UF 20% SM 25V
2015	4822 124 12077	33UF 20% SM 10V
2016	4822 126 14218	3,9PF NP0 50V
2017	4822 126 14321	2,2UF 16V 1206
2018	4822 126 14325	1UF 80/20% 16V 0805
2019	4822 124 12077	33UF 20% SM 10V
2020	4822 126 13196	100NF 10% 0805 25V
2021	4822 126 14218	3,9PF NP0 50V
2022	4822 126 13196	100NF 10% 0805 25V

2024	4822 126 14321	2,2UF 16V 1206
2025	4822 126 14321	2,2UF 16V 1206
2026	4822 126 14321	2,2UF 16V 1206
2027	4822 126 14321	2,2UF 16V 1206
2028	4822 126 13196	100NF 10% 0805 25V
2029	4822 126 13196	100NF 10% 0805 25V
2030	4822 126 13196	100NF 10% 0805 25V
2031	4822 126 13196	100NF 10% 0805 25V
2035	4822 124 12077	33UF 20% SM 10V
2036	4822 126 14218	3,9PF NP0 50V
2037	4822 126 14321	2,2UF 16V 1206
2038	4822 126 14325	1UF 80/20% 16V 0805
2039	4822 124 12077	33UF 20% SM 10V
2040	4822 126 13196	100NF 10% 0805 25V
2041	4822 126 14218	3,9PF NP0 50V
2042	4822 126 13196	100NF 10% 0805 25V
2043	4822 126 13196	100NF 10% 0805 25V
2044	4822 126 13196	100NF 10% 0805 25V
2045	4822 126 13196	100NF 10% 0805 25V
2046	4822 126 13196	100NF 10% 0805 25V
2048	4822 126 14325	1UF 80/20% 16V 0805
2049	4822 126 14325	1UF 80/20% 16V 0805
2051	4822 124 12077	33UF 20% SM 10V
2052	4822 126 14218	3,9PF NP0 50V
2053	4822 126 14321	2,2UF 16V 1206
2055	4822 124 12077	33UF 20% SM 10V
2056	4822 126 13196	100NF 10% 0805 25V
2057	4822 126 14218	3,9PF NP0 50V
2058	4822 126 13196	100NF 10% 0805 25V
2059	4822 126 13196	100NF 10% 0805 25V
2060	4822 126 13196	100NF 10% 0805 25V
2061	4822 126 13196	100NF 10% 0805 25V
2062	4822 126 13196	100NF 10% 0805 25V
2080	4822 126 14321	2,2UF 16V 1206
2082	4822 126 14321	2,2UF 16V 1206
2083	4822 126 14322	1UF 25V 1206
2084	4822 124 12078	33UF 20% SM 25V
2085	4822 126 14322	1UF 25V 1206
2086	4822 126 14322	1UF 25V 1206
2087	4822 126 14321	2,2UF 16V 1206
2088	4822 126 14321	2,2UF 16V 1206
2089	5322 126 11583	10NF 50V 0603 CER2
2092	4822 126 13196	100NF 10% 0805 25V
2093	4822 124 41842	47UF
2094	4822 126 13196	100NF 10% 0805 25V
2095	4822 126 13196	100NF 10% 0805 25V
2096	4822 126 13196	100NF 10% 0805 25V
2097	4822 126 13196	100NF 10% 0805 25V
2098	4822 126 13196	100NF 10% 0805 25V
2099	4822 126 13196	100NF 10% 0805 25V
2100	4822 126 14325	1UF 80/20% 16V 0805
2101	4822 124 12078	33UF 20% SM 25V
2102	4822 126 14321	2,2UF 16V 1206
2103	4822 126 13196	100NF 10% 0805 25V
2104	4822 126 14487	8,2PF 0,5% 50V 0603
2105	4822 126 13196	100NF 10% 0805 25V
2106	4822 126 13196	100NF 10% 0805 25V
2107	4822 126 14487	8,2PF 0,5% 50V 0603
2108	4822 126 13196	100NF 10% 0805 25V
2109	4822 126 13196	100NF 10% 0805 25V
2110	4822 126 14487	8,2PF 0,5% 50V 0603
2111	4822 126 13196	100NF 10% 0805 25V
2112	4822 126 14321	2,2UF 16V 1206
2115	4822 126 14321	2,2UF 16V 1206
2118	4822 126 14321	2,2UF 16V 1206
2119	4822 126 13196	100NF 10% 0805 25V
2120	4822 126 13196	100NF 10% 0805 25V
2121	4822 126 13196	100NF 10% 0805 25V
2122	4822 126 13196	100NF 10% 0805 25V
2123	4822 126 14321	2,2UF 16V 1206
2124	4822 126 13196	100NF 10% 0805 25V
2125	4822 126 14321	2,2UF 16V 1206
2126	4822 126 13196	100NF 10% 0805 25V
2127	4822 126 14321	2,2UF 16V 1206
2128	4822 126 13196	100NF 10% 0805 25V
2129	4822 126 14321	2,2UF 16V 1206
2130	4822 126 14322	1UF 25V 1206
2132	4822 126 14325	1UF 80/20% 16V 0805
2133	4822 126 14322	1UF 25V 1206
2134	4822 126 14325	1UF 80/20% 16V 0805
2135	4822 126 14322	1UF 25V 1206
2136	4822 126 13196	100NF 10% 0805 25V
2139	4822 126 11759	100PF 50V
2140	4822 126 11759	100PF 50V
2141	4822 126 11759	100PF 50V
2142	4822 126 11759	100PF 50V
2143	4822 126 14321	2,2UF 16V 1206
2145	4822 126 14321	2,2UF 16V 1206
2146	4822 124 11889	15UF 20% 10V
2147	4822 124 11889	15UF 20% 10V
2148	4822 124 11889	15UF 20% 10V
2150	4822 122 33761	22PF 5%NP0 50V
2151	4822 122 33741	10PF10%NP0 50V
2153	4822 122 33741	10PF10%NP0 50V
2154	4822 122 33761	22PF 5%NP0 50V
2155	4822 122 33761	22PF 5%NP0 50V
2156	4822 122 33761	22PF 5%NP0 50V
2157	4822 122 33761	22PF 5%NP0 50V
2158	4822 122 33761	22PF 5%NP0 50V
2159	4822 122 33761	22PF 5%NP0 50V
2175	4822 124 11889	15UF 20% 10V
2176	4822 126 13196	100NF 10% 0805 25V
2183	4822 122 33741	10PF10%NP0 50V
2184	4822 122 33741	10PF10%NP0 50V
2185	4822 122 33741	10PF10%NP0 50V
2186	4822 122 33741	10PF10%NP0 50V
2187	4822 122 33741	10PF10%NP0 50V
2188	4822 122 33741	10PF10%NP0 50V
2189	4822 126 13883	220PF 5% 50V
2190	4822 126 13883	220PF 5% 50V
2192	4822 122 33741	10PF10%NP0 50V
2193	4822 122 33741	10PF10%NP0 50V
2194	4822 122 33741	10PF10%NP0 50V
2195	4822 122 33761	22PF 5%NP0 50V
2202	4822 122 33761	22PF 5%NP0 50V
2203	4822 122 33761	22PF 5%NP0 50V
2204	4822 122 33761	22PF 5%NP0 50V
2205	4822 122 33761	22PF 5%NP0 50V
2206	4822 122 33761	22PF 5%NP0 50V
2207	4822 126 11759	100PF 50V
2208	4822 122 33741	10PF10%NP0 50V
2209	4822 122 33741	10PF10%NP0 50V
2210	4822 122 33761	22PF 5%NP0 50V
2211	4822 122 33761	22PF 5%NP0 50V
2212	4822 122 33761	22PF 5%NP0 50V
2213	4822 122 33761	22PF 5%NP0 50V
2214	4822 122 33761	22PF 5%NP0 50V
2215	4822 122 33064	330NF80%Y5V 25V

2216	4822 126 13196	100NF 10% 0805 25V
2217	4822 126 11759	100PF 50V
2219	4822 122 31746	1000PF 2%NP0 63V
2220	5322 122 33861	120PF10% 50V
2221	4822 126 14321	2,2UF 16V 1206
2222	4822 126 14321	2,2UF 16V 1206
2224	4822 122 31746	1000PF 2%NP0 63V
2225	5322 122 33861	120PF10% 50V
2226	4822 126 13196	100NF 10% 0805 25V
2227	4822 126 13196	100NF 10% 0805 25V
2228	4822 126 14325	1UF 80/20% 16V 0805
2232	5322 126 11583	10NF 50V 0603 CER2
2233	4822 126 14325	1UF 80/20% 16V 0805
2234	4822 126 14325	1UF 80/20% 16V 0805
2236	4822 126 13196	100NF 10% 0805 25V
2237	4822 126 14323	8,2NF 50V 0603
2238	4822 126 14321	2,2UF 16V 1206
2239	4822 126 14321	2,2UF 16V 1206
2241	4822 126 13196	100NF 10% 0805 25V
2242	4822 126 14323	8,2NF 50V 0603
2243	4822 126 13196	100NF 10% 0805 25V
2244	4822 126 13196	100NF 10% 0805 25V
2245	4822 126 14325	1UF 80/20% 16V 0805
2246	4822 126 14325	1UF 80/20% 16V 0805
2247	4822 126 14325	1UF 80/20% 16V 0805
2250	4822 126 14322	1UF 25V 1206
2251	4822 126 14322	1UF 25V 1206
2252	4822 126 14322	1UF 25V 1206
2253	4822 126 14322	1UF 25V 1206
2254	4822 126 14322	1UF 25V 1206
2256	4822 126 14322	1UF 25V 1206
2258	4822 126 14322	1UF 25V 1206
2260	4822 126 14321	2,2UF 16V 1206
2261	4822 126 14322	1UF 25V 1206
2263	4822 126 11759	100PF 50V
2264	4822 126 11759	100PF 50V
2265	4822 126 14321	2,2UF 16V 1206
2266	4822 126 14321	2,2UF 16V 1206
2267	4822 126 14321	2,2UF 16V 1206
2268	4822 126 14321	2,2UF 16V 1206
2269	4822 126 14321	2,2UF 16V 1206
2270	5322 126 11583	10NF 50V 0603 CER2
2271	5322 126 11583	10NF 50V 0603 CER2
2272	5322 126 11583	10NF 50V 0603 CER2
2273	5322 126 11583	10NF 50V 0603 CER2
2275	4822 126 14321	2,2UF 16V 1206
2276	4822 126 13196	100NF 10% 0805 25V
2277	4822 126 13196	100NF 10% 0805 25V
2278	4822 126 13196	100NF 10% 0805 25V
2279	4822 126 13196	100NF 10% 0805 25V
2281	5322 126 11583	10NF 50V 0603 CER2
2282	5322 126 11583	10NF 50V 0603 CER2
2284	4822 126 13196	100NF 10% 0805 25V
2285	4822 126 13196	100NF 10% 0805 25V
2286	4822 126 13196	100NF 10% 0805 25V
2287	4822 126 13196	100NF 10% 0805 25V
2288	5322 126 11583	10NF 50V 0603 CER2
2290	5322 126 11583	10NF 50V 0603 CER2
2291	4822 124 12076	22UF 20% 6V3
2292	4822 124 12076	22UF 20% 6V3
2293	4822 124 12076	22UF 20% 6V3
2295	5322 126 11583	10NF 50V 0603 CER2
2297	5322 126 11583	10NF 50V 0603 CER2
2299	5322 126 11583	10NF 50V 0603 CER2
2301	5322 126 11583	10NF 50V 0603 CER2
2302	5322 126 11583	10NF 50V 0603 CER2
2303	5322 126 11583	10NF 50V 0603 CER2
2304	5322 126 11583	10NF 50V 0603 CER2
2305	5322 126 11583	10NF 50V 0603 CER2
2306	5322 126 11583	10NF 50V 0603 CER2
2308	4822 126 11759	100PF 50V
2309	4822 126 11759	100PF 50V
2310	4822 126 14325	1UF 80/20% 16V 0805
2311	4822 126 14325	1UF 80/20% 16V 0805
2312	5322 126 11583	10NF 50V 0603 CER2
2317	4822 126 13196	100NF 10% 0805 25V
2318	4822 126 13196	100NF 10% 0805 25V
2319	4822 126 13196	100NF 10% 0805 25V
2320	4822 126 13196	100NF 10% 0805 25V
2321	4822 126 13196	100NF 10% 0805 25V
2323	4822 126 13196	100NF 10% 0805 25V
2325	4822 126 14325	1UF 80/20% 16V 0805
2326	4822 126 14322	1UF 25V 1206
2327	4822 126 14321	2,2UF 16V 1206
2328	4822 126 14321	2,2UF 16V 1206
2329	4822 126 14321	2,2UF 16V 1206
2330	4822 126 14321	2,2UF 16V 1206
2331	4822 126 14321	2,2UF 16V 1206
2332	4822 126 14321	2,2UF 16V 1206
2333	4822 126 14321	2,2UF 16V 1206
2334	4822 126 14322	1UF 25V 1206
2335	4822 126 14321	2,2UF 16V 1206
2336	4822 126 14321	2,2UF 16V 1206
2337	4822 126 14321	2,2UF 16V 1206
2338	4822 126 14321	2,2UF 16V 1206
2339	4822 126 14321	2,2UF 16V 1206
2340	4822 126 14322	1UF 25V 1206
2341	4822 126 14322	1UF 25V 1206
2342	4822 126 13196	100NF 10% 0805 25V
2343	4822 126 13196	100NF 10% 0805 25V
2346	4822 126 13196	100NF 10% 0805 25V
2347	4822 126 14321	2,2UF 16V 1206
2349	4822 126 13196	100NF 10% 0805 25V
2350	4822 126 14321	2,2UF 16V 1206
2351	4822 126 13196	100NF 10% 0805 25V
2354	4822 126 13196	100NF 10% 0805 25V
2355	4822 126 13196	100NF 10% 0805 25V
2357	4822 126 14325	1UF 80/20% 16V 0805
2358	4822 124 20947	3,3UF 20% 16V
2359	4822 124 20947	3,3UF 20% 16V
2364	4822 126 14324	33PF 5% 50V 0402
2365	4822 126 14324	33PF 5% 50V 0402
2366	4822 126 14324	33PF 5% 50V 0402
2367	4822 126 14324	33PF 5% 50V 0402
2368	4822 126 13196	100NF 10% 0805 25V
2369	4822 126 13196	100NF 10% 0805 25V
2374	4822 126 14324	33PF 5% 50V 0402
2375	4822 126 14324	33PF 5% 50V 0402
2376	4822 126 14324	33PF 5% 50V 0402
2377	4822 126 14324	33PF 5% 50V 0402
2384	4822 126 14324	33PF 5% 50V 0402
2385	4822 126 14324	33PF 5% 50V 0402
2386	4822 126 14324	33PF 5% 50V 0402
2387	4822 126 14324	33PF 5% 50V 0402
2395	4822 126 14222	4,7PF NP0 50V 0603
2396	4822 126 14222	4,7PF NP0 50V 0603
2421	4822 122 33777	47PF 5%NP0 63V
2422	4822 122 33777	47PF 5%NP0 63V

2423	4822 122 33777	47PF 5%NP0 63V
2424	4822 122 33777	47PF 5%NP0 63V
2425	4822 122 33777	47PF 5%NP0 63V
2426	4822 122 33777	47PF 5%NP0 63V
2441	4822 122 33777	47PF 5%NP0 63V
2442	4822 122 33777	47PF 5%NP0 63V
2443	4822 122 33777	47PF 5%NP0 63V
2444	4822 122 33777	47PF 5%NP0 63V
2445	4822 122 33777	47PF 5%NP0 63V
2446	4822 122 33777	47PF 5%NP0 63V
2447	4822 126 13196	100NF 10% 0805 25V
2448	4822 126 13196	100NF 10% 0805 25V
2449	4822 126 13196	100NF 10% 0805 25V
2450	4822 126 13196	100NF 10% 0805 25V
2451	4822 126 13196	100NF 10% 0805 25V
2452	4822 126 13196	100NF 10% 0805 25V
2453	4822 126 13196	100NF 10% 0805 25V
2454	4822 126 13196	100NF 10% 0805 25V
2455	4822 126 13196	100NF 10% 0805 25V
2456	4822 126 13196	100NF 10% 0805 25V
2457	4822 126 13196	100NF 10% 0805 25V
2458	4822 126 13196	100NF 10% 0805 25V
2471	4822 126 13196	100NF 10% 0805 25V
2475	5322 126 11583	10NF 50V 0603 CER2
2476	5322 126 11583	10NF 50V 0603 CER2
2478	5322 126 11583	10NF 50V 0603 CER2
2479	5322 126 11583	10NF 50V 0603 CER2
2481	4822 122 33777	47PF 5%NP0 63V
2482	4822 122 33777	47PF 5%NP0 63V
2483	4822 122 33777	47PF 5%NP0 63V
2484	4822 122 33777	47PF 5%NP0 63V
2485	4822 122 33777	47PF 5%NP0 63V
2486	4822 122 33777	47PF 5%NP0 63V
2487	5322 126 11583	10NF 50V 0603 CER2
2488	5322 126 11583	10NF 50V 0603 CER2
2490	5322 126 11583	10NF 50V 0603 CER2
2491	5322 126 11583	10NF 50V 0603 CER2
2493	5322 126 11583	10NF 50V 0603 CER2
2494	5322 126 11583	10NF 50V 0603 CER2
2496	5322 126 11583	10NF 50V 0603 CER2
2497	5322 126 11583	10NF 50V 0603 CER2
2499	5322 126 11583	10NF 50V 0603 CER2
2500	5322 126 11583	10NF 50V 0603 CER2
2501	4822 122 33777	47PF 5%NP0 63V
2502	4822 122 33777	47PF 5%NP0 63V
2503	4822 122 33777	47PF 5%NP0 63V
2504	4822 122 33777	47PF 5%NP0 63V
2505	4822 122 33777	47PF 5%NP0 63V
2506	4822 122 33777	47PF 5%NP0 63V
2507	5322 126 11583	10NF 50V 0603 CER2
2508	5322 126 11583	10NF 50V 0603 CER2
2509	4822 126 11671	33PF
2510	4822 122 33761	22PF 5%NP0 50V
2511	4822 126 14325	1UF 80/20% 16V 0805
2512	4822 126 14325	1UF 80/20% 16V 0805
2513	5322 126 11583	10NF 50V 0603 CER2
2514	5322 126 11583	10NF 50V 0603 CER2
2515	4822 126 11671	33PF
2516	4822 122 33761	22PF 5%NP0 50V
2517	4822 126 14325	1UF 80/20% 16V 0805
2518	4822 126 14325	1UF 80/20% 16V 0805
2520	4822 126 13196	100NF 10% 0805 25V
2521	4822 126 13196	100NF 10% 0805 25V
2522	4822 126 13196	100NF 10% 0805 25V

2523	4822 126 13196	100NF 10% 0805 25V
2524	4822 126 13196	100NF 10% 0805 25V
2525	4822 126 13196	100NF 10% 0805 25V
2526	4822 126 13196	100NF 10% 0805 25V
2527	4822 126 13196	100NF 10% 0805 25V
2528	4822 126 13196	100NF 10% 0805 25V
2529	4822 126 13196	100NF 10% 0805 25V
2530	4822 126 13196	100NF 10% 0805 25V
2531	4822 126 13196	100NF 10% 0805 25V
2532	5322 126 11583	10NF 50V 0603 CER2
2533	5322 126 11583	10NF 50V 0603 CER2
2534	4822 126 11671	33PF
2535	4822 122 33761	22PF 5%NP0 50V
2536	4822 126 14325	1UF 80/20% 16V 0805
2537	4822 126 14325	1UF 80/20% 16V 0805
2538	5322 126 11583	10NF 50V 0603 CER2
2539	5322 126 11583	10NF 50V 0603 CER2
2540	4822 126 11671	33PF
2541	4822 122 33761	22PF 5%NP0 50V
2542	4822 126 14325	1UF 80/20% 16V 0805
2543	4822 126 14325	1UF 80/20% 16V 0805
2545	5322 126 11583	10NF 50V 0603 CER2
2546	5322 126 11583	10NF 50V 0603 CER2
2549	4822 126 13196	100NF 10% 0805 25V
2550	4822 126 14325	1UF 80/20% 16V 0805
2551	4822 126 14322	1UF 25V 1206
2552	4822 126 14321	2,2UF 16V 1206
2553	4822 126 14321	2,2UF 16V 1206
2554	4822 126 14321	2,2UF 16V 1206
2555	4822 126 14321	2,2UF 16V 1206
2556	4822 126 14321	2,2UF 16V 1206
2557	4822 126 14321	2,2UF 16V 1206
2558	4822 126 14321	2,2UF 16V 1206
2559	4822 126 14322	1UF 25V 1206
2560	4822 126 14322	1UF 25V 1206
2561	4822 126 14321	2,2UF 16V 1206
2562	4822 126 14321	2,2UF 16V 1206
2563	4822 126 14321	2,2UF 16V 1206
2564	4822 126 14321	2,2UF 16V 1206
2565	4822 126 14322	1UF 25V 1206
2566	4822 126 14321	2,2UF 16V 1206
2567	4822 126 13196	100NF 10% 0805 25V
2568	4822 126 13196	100NF 10% 0805 25V
2569	4822 126 14321	2,2UF 16V 1206
2571	4822 126 13196	100NF 10% 0805 25V
2572	4822 126 13196	100NF 10% 0805 25V
2574	4822 126 13196	100NF 10% 0805 25V
2575	4822 126 14321	2,2UF 16V 1206
2576	4822 126 13196	100NF 10% 0805 25V
2577	4822 126 13196	100NF 10% 0805 25V
2579	4822 126 13196	100NF 10% 0805 25V
2582	4822 126 14325	1UF 80/20% 16V 0805
2583	4822 124 20947	3,3UF 20% 16V
2584	4822 124 20947	3,3UF 20% 16V
2585	5322 126 11583	10NF 50V 0603 CER2
2586	5322 126 11583	10NF 50V 0603 CER2
2587	5322 126 11583	10NF 50V 0603 CER2
2588	5322 126 11583	10NF 50V 0603 CER2
2589	4822 126 14324	33PF 5% 50V 0402
2590	4822 126 14324	33PF 5% 50V 0402
2591	4822 126 14324	33PF 5% 50V 0402
2592	4822 126 14324	33PF 5% 50V 0402
2593	4822 126 13196	100NF 10% 0805 25V
2595	5322 126 11583	10NF 50V 0603 CER2

2596	5322 126 11583	10NF 50V 0603 CER2
2597	5322 126 11583	10NF 50V 0603 CER2
2598	5322 126 11583	10NF 50V 0603 CER2
2599	4822 126 14324	33PF 5% 50V 0402
2600	4822 126 14324	33PF 5% 50V 0402
2601	4822 126 14324	33PF 5% 50V 0402
2602	4822 126 14324	33PF 5% 50V 0402
2604	5322 126 11583	10NF 50V 0603 CER2
2605	5322 126 11583	10NF 50V 0603 CER2
2606	5322 126 11583	10NF 50V 0603 CER2
2607	5322 126 11583	10NF 50V 0603 CER2
2608	4822 126 11671	33PF
2609	4822 126 14324	33PF 5% 50V 0402
2610	4822 126 14324	33PF 5% 50V 0402
2611	4822 126 14324	33PF 5% 50V 0402
2612	4822 126 14324	33PF 5% 50V 0402
2613	4822 124 20947	3,3UF 20% 16V
2614	4822 124 20947	3,3UF 20% 16V
2615	5322 126 11583	10NF 50V 0603 CER2
2616	5322 126 11583	10NF 50V 0603 CER2
2617	5322 126 11583	10NF 50V 0603 CER2
2618	5322 126 11583	10NF 50V 0603 CER2
2619	4822 122 33761	22PF 5%NP0 50V
2620	4822 126 14222	4,7PF NP0 50V 0603
2621	4822 126 14222	4,7PF NP0 50V 0603
2622	5322 126 11583	10NF 50V 0603 CER2
2623	5322 126 11583	10NF 50V 0603 CER2
2624	5322 126 11583	10NF 50V 0603 CER2
2625	5322 126 11583	10NF 50V 0603 CER2
2626	5322 126 11583	10NF 50V 0603 CER2
2627	5322 126 11583	10NF 50V 0603 CER2
2628	5322 126 11583	10NF 50V 0603 CER2
2629	5322 126 11583	10NF 50V 0603 CER2
2631	4822 122 33777	47PF 5%NP0 63V
2632	4822 122 33777	47PF 5%NP0 63V
2633	4822 122 33777	47PF 5%NP0 63V
2634	4822 122 33777	47PF 5%NP0 63V
2635	4822 122 33777	47PF 5%NP0 63V
2636	4822 122 33777	47PF 5%NP0 63V
2637	5322 126 11583	10NF 50V 0603 CER2
2638	5322 126 11583	10NF 50V 0603 CER2
2639	4822 126 14325	1UF 80/20% 16V 0805
2641	4822 122 33777	47PF 5%NP0 63V
2642	4822 122 33777	47PF 5%NP0 63V
2643	4822 122 33777	47PF 5%NP0 63V
2644	4822 122 33777	47PF 5%NP0 63V
2645	4822 122 33777	47PF 5%NP0 63V
2646	4822 122 33777	47PF 5%NP0 63V
2647	4822 126 14325	1UF 80/20% 16V 0805
2648	5322 126 11583	10NF 50V 0603 CER2
2649	5322 126 11583	10NF 50V 0603 CER2
2650	4822 126 13196	100NF 10% 0805 25V
2651	4822 126 13196	100NF 10% 0805 25V
2652	4822 126 13196	100NF 10% 0805 25V
2653	4822 126 13196	100NF 10% 0805 25V
2654	4822 126 13196	100NF 10% 0805 25V
2655	4822 126 13196	100NF 10% 0805 25V
2656	4822 126 13196	100NF 10% 0805 25V
2657	4822 126 13196	100NF 10% 0805 25V
2658	4822 126 13196	100NF 10% 0805 25V
2659	4822 126 13196	100NF 10% 0805 25V
2660	4822 126 13196	100NF 10% 0805 25V
2661	4822 126 13196	100NF 10% 0805 25V
2662	4822 126 11671	33PF
2663	4822 122 33761	22PF 5%NP0 50V
2664	4822 126 14325	1UF 80/20% 16V 0805
2665	4822 126 14325	1UF 80/20% 16V 0805
2666	5322 126 11583	10NF 50V 0603 CER2
2667	5322 126 11583	10NF 50V 0603 CER2
2668	4822 126 11671	33PF
2669	4822 122 33761	22PF 5%NP0 50V
2670	4822 126 14325	1UF 80/20% 16V 0805
2671	4822 126 14325	1UF 80/20% 16V 0805
2672	5322 126 11583	10NF 50V 0603 CER2
2673	5322 126 11583	10NF 50V 0603 CER2
2674	4822 126 11671	33PF
2675	4822 122 33761	22PF 5%NP0 50V
2676	4822 126 14325	1UF 80/20% 16V 0805
2677	4822 126 14325	1UF 80/20% 16V 0805
2678	5322 126 11583	10NF 50V 0603 CER2
2679	5322 126 11583	10NF 50V 0603 CER2
2681	5322 126 11583	10NF 50V 0603 CER2
2682	5322 126 11583	10NF 50V 0603 CER2
2684	5322 126 11583	10NF 50V 0603 CER2
2685	5322 126 11583	10NF 50V 0603 CER2
2687	5322 126 11583	10NF 50V 0603 CER2
2688	5322 126 11583	10NF 50V 0603 CER2
2690	5322 126 11583	10NF 50V 0603 CER2
2691	5322 126 11583	10NF 50V 0603 CER2
2693	5322 126 11583	10NF 50V 0603 CER2
2694	5322 126 11583	10NF 50V 0603 CER2
2696	5322 126 11583	10NF 50V 0603 CER2
2697	5322 126 11583	10NF 50V 0603 CER2
2701	4822 122 33777	47PF 5%NP0 63V
2702	4822 122 33777	47PF 5%NP0 63V
2703	4822 122 33777	47PF 5%NP0 63V
2704	4822 122 33777	47PF 5%NP0 63V
2705	4822 122 33777	47PF 5%NP0 63V
2706	4822 122 33777	47PF 5%NP0 63V
2707	5322 126 11583	10NF 50V 0603 CER2
2708	5322 126 11583	10NF 50V 0603 CER2
2711	4822 122 33777	47PF 5%NP0 63V
2712	4822 122 33777	47PF 5%NP0 63V
2713	4822 122 33777	47PF 5%NP0 63V
2714	4822 122 33777	47PF 5%NP0 63V
2715	4822 122 33777	47PF 5%NP0 63V
2716	4822 122 33777	47PF 5%NP0 63V
2717	5322 126 11583	10NF 50V 0603 CER2
2718	5322 126 11583	10NF 50V 0603 CER2
2720	4822 126 13196	100NF 10% 0805 25V
2721	4822 126 13196	100NF 10% 0805 25V
2722	4822 126 13196	100NF 10% 0805 25V
2723	4822 126 13196	100NF 10% 0805 25V
2724	4822 126 13196	100NF 10% 0805 25V
2725	4822 126 13196	100NF 10% 0805 25V
2726	4822 126 13196	100NF 10% 0805 25V
2727	4822 126 13196	100NF 10% 0805 25V
2728	4822 126 13196	100NF 10% 0805 25V
2729	4822 126 13196	100NF 10% 0805 25V
2730	4822 126 13196	100NF 10% 0805 25V
2731	4822 126 13196	100NF 10% 0805 25V
2732	5322 126 11583	10NF 50V 0603 CER2
2734	5322 126 11583	10NF 50V 0603 CER2
2735	5322 126 11583	10NF 50V 0603 CER2
2737	5322 126 11583	10NF 50V 0603 CER2
2738	5322 126 11583	10NF 50V 0603 CER2
2740	5322 126 11583	10NF 50V 0603 CER2
2741	5322 126 11583	10NF 50V 0603 CER2

2743	5322 126 11583	10NF 50V 0603 CER2
2744	5322 126 11583	10NF 50V 0603 CER2
2746	5322 126 11583	10NF 50V 0603 CER2
2747	5322 126 11583	10NF 50V 0603 CER2
2749	5322 126 11583	10NF 50V 0603 CER2
2750	5322 126 11583	10NF 50V 0603 CER2
2752	5322 126 11583	10NF 50V 0603 CER2
2755	5322 126 11583	10NF 50V 0603 CER2
2756	5322 126 11583	10NF 50V 0603 CER2
2757	5322 126 11583	10NF 50V 0603 CER2
2758	5322 126 11583	10NF 50V 0603 CER2
2759	5322 126 11583	10NF 50V 0603 CER2
2760	5322 126 11583	10NF 50V 0603 CER2
2761	5322 126 11583	10NF 50V 0603 CER2
2762	5322 126 11583	10NF 50V 0603 CER2
2763	5322 126 11583	10NF 50V 0603 CER2
2764	5322 126 11583	10NF 50V 0603 CER2
2765	5322 126 11583	10NF 50V 0603 CER2
2766	5322 126 11583	10NF 50V 0603 CER2
2774	4822 126 13196	100NF 10% 0805 25V
2775	4822 126 14325	1UF 80/20% 16V 0805
2776	4822 126 14322	1UF 25V 1206
2777	4822 126 14321	2,2UF 16V 1206
2778	4822 126 14321	2,2UF 16V 1206
2779	4822 126 14321	2,2UF 16V 1206
2780	4822 126 14321	2,2UF 16V 1206
2781	4822 126 14321	2,2UF 16V 1206
2782	4822 126 14321	2,2UF 16V 1206
2783	4822 126 14321	2,2UF 16V 1206
2784	4822 126 14321	2,2UF 16V 1206
2785	4822 126 14322	1UF 25V 1206
2786	4822 126 14322	1UF 25V 1206
2787	4822 126 14321	2,2UF 16V 1206
2788	4822 126 14321	2,2UF 16V 1206
2789	4822 126 14321	2,2UF 16V 1206
2790	4822 126 14321	2,2UF 16V 1206
2791	4822 126 14321	2,2UF 16V 1206
2792	4822 126 13196	100NF 10% 0805 25V
2793	4822 126 13196	100NF 10% 0805 25V
2796	4822 126 13196	100NF 10% 0805 25V
2799	4822 126 13196	100NF 10% 0805 25V
2800	4822 126 14321	2,2UF 16V 1206
2801	4822 126 13196	100NF 10% 0805 25V
2802	4822 126 13196	100NF 10% 0805 25V
2804	4822 126 13196	100NF 10% 0805 25V
2806	4822 126 13196	100NF 10% 0805 25V
2807	4822 126 14325	1UF 80/20% 16V 0805
2808	4822 124 20947	3,3UF 20% 16V
2809	4822 124 20947	3,3UF 20% 16V
2810	4822 126 14321	2,2UF 16V 1206
2811	4822 126 14325	1UF 80/20% 16V 0805
2812	5322 126 11583	10NF 50V 0603 CER2
2813	5322 126 11583	10NF 50V 0603 CER2
2814	4822 126 14324	33PF 5% 50V 0402
2815	4822 126 14324	33PF 5% 50V 0402
2816	4822 126 14324	33PF 5% 50V 0402
2817	4822 126 14324	33PF 5% 50V 0402
2818	4822 126 13196	100NF 10% 0805 25V
2820	4822 126 11671	33PF
2821	4822 122 33761	22PF 5%NP0 50V
2822	4822 126 14325	1UF 80/20% 16V 0805
2823	4822 126 14325	1UF 80/20% 16V 0805
2824	4822 126 14324	33PF 5% 50V 0402
2825	4822 126 14324	33PF 5% 50V 0402
2826	4822 126 14324	33PF 5% 50V 0402
2827	4822 126 14324	33PF 5% 50V 0402
2829	5322 126 11583	10NF 50V 0603 CER2
2830	5322 126 11583	10NF 50V 0603 CER2
2831	4822 126 11671	33PF
2832	4822 122 33761	22PF 5%NP0 50V
2833	4822 126 14325	1UF 80/20% 16V 0805
2834	4822 126 14324	33PF 5% 50V 0402
2835	4822 126 14324	33PF 5% 50V 0402
2836	4822 126 14324	33PF 5% 50V 0402
2837	4822 126 14324	33PF 5% 50V 0402
2838	5322 126 11583	10NF 50V 0603 CER2
2839	5322 126 11583	10NF 50V 0603 CER2
2840	5322 126 11583	10NF 50V 0603 CER2
2841	5322 126 11583	10NF 50V 0603 CER2
2842	5322 126 11583	10NF 50V 0603 CER2
2843	5322 126 11583	10NF 50V 0603 CER2
2845	4822 126 14222	4,7PF NP0 50V 0603
2846	4822 126 14222	4,7PF NP0 50V 0603
2847	5322 126 11583	10NF 50V 0603 CER2
2848	5322 126 11583	10NF 50V 0603 CER2
2849	5322 126 11583	10NF 50V 0603 CER2
2850	5322 126 11583	10NF 50V 0603 CER2
2851	5322 126 11583	10NF 50V 0603 CER2
2852	5322 126 11583	10NF 50V 0603 CER2
2859	4822 126 14325	1UF 80/20% 16V 0805
2860	5322 126 11583	10NF 50V 0603 CER2
2861	4822 122 33777	47PF 5%NP0 63V
2862	4822 122 33777	47PF 5%NP0 63V
2863	4822 122 33777	47PF 5%NP0 63V
2864	4822 122 33777	47PF 5%NP0 63V
2865	4822 122 33777	47PF 5%NP0 63V
2866	4822 122 33777	47PF 5%NP0 63V
2867	5322 126 11583	10NF 50V 0603 CER2
2868	5322 126 11583	10NF 50V 0603 CER2
2870	5322 126 11583	10NF 50V 0603 CER2
2871	4822 122 33777	47PF 5%NP0 63V
2872	4822 122 33777	47PF 5%NP0 63V
2873	4822 122 33777	47PF 5%NP0 63V
2874	4822 122 33777	47PF 5%NP0 63V
2875	4822 122 33777	47PF 5%NP0 63V
2876	4822 122 33777	47PF 5%NP0 63V
2877	5322 126 11583	10NF 50V 0603 CER2
2878	5322 126 11583	10NF 50V 0603 CER2
2880	4822 126 13196	100NF 10% 0805 25V
2881	4822 126 13196	100NF 10% 0805 25V
2882	4822 126 13196	100NF 10% 0805 25V
2883	4822 126 13196	100NF 10% 0805 25V
2884	4822 126 13196	100NF 10% 0805 25V
2885	4822 126 13196	100NF 10% 0805 25V
2886	4822 126 13196	100NF 10% 0805 25V
2887	4822 126 13196	100NF 10% 0805 25V
2888	4822 126 13196	100NF 10% 0805 25V
2889	4822 126 13196	100NF 10% 0805 25V
2890	4822 126 13196	100NF 10% 0805 25V
2891	4822 126 13196	100NF 10% 0805 25V
2892	5322 126 11583	10NF 50V 0603 CER2
2893	5322 126 11583	10NF 50V 0603 CER2
2895	5322 126 11583	10NF 50V 0603 CER2
2896	5322 126 11583	10NF 50V 0603 CER2
2898	5322 126 11583	10NF 50V 0603 CER2
2899	5322 126 11583	10NF 50V 0603 CER2
2901	5322 126 11583	10NF 50V 0603 CER2
2902	5322 126 11583	10NF 50V 0603 CER2

3227	4822 051 30103	10K00 5% 0,062W
3228	4822 051 30123	12K00 5% 0,062W
3229	4822 051 10151	150R00 2% 0,25W
3230	4822 051 10151	150R00 2% 0,25W
3231	4822 051 10151	150R00 2% 0,25W
3232	4822 117 10833	10K 1% 0,1W
3233	4822 117 12863	470R 5% 0,5W
3234	4822 117 11383	12K 1% 0,1W
3235	4822 051 20391	390R00 5% 0,1W
3237	4822 051 30472	4K70 5% 0,062W
3238	4822 051 30222	2K20 5% 0,062W
3242	4822 051 30104	100K00 5% 0,062W
3243	4822 051 30104	100K00 5% 0,062W
3244	4822 051 20101	100R00 5% 0,1W
3245	4822 051 30104	100K00 5% 0,062W
3246	4822 051 30104	100K00 5% 0,062W
3247	4822 051 20101	100R00 5% 0,1W
3248	4822 051 30473	47K00 5% 0,062W
3249	4822 051 20101	100R00 5% 0,1W
3250	4822 051 20101	100R00 5% 0,1W
3251	4822 051 30472	4K70 5% 0,062W
3252	4822 051 30472	4K70 5% 0,062W
3253	4822 051 30223	22K00 5% 0,062W
3254	4822 051 30101	100R00 5% 0,062W
3255	4822 051 30101	100R00 5% 0,062W
3256	4822 051 30472	4K70 5% 0,062W
3257	4822 051 30472	4K70 5% 0,062W
3258	4822 051 30222	2K20 5% 0,062W
3259	4822 051 30472	4K70 5% 0,062W
3260	4822 051 30472	4K70 5% 0,062W
3261	4822 051 30222	2K20 5% 0,062W
3262	4822 051 30472	4K70 5% 0,062W
3263	4822 051 30472	4K70 5% 0,062W
3264	4822 051 30222	2K20 5% 0,062W
3265	4822 051 30472	4K70 5% 0,062W
3266	4822 051 30472	4K70 5% 0,062W
3267	4822 051 30222	2K20 5% 0,062W
3268	4822 051 20101	100R00 5% 0,1W
3269	4822 051 20101	100R00 5% 0,1W
3285	4822 051 30471	470R00 5% 0,062W
3286	4822 051 30471	470R00 5% 0,062W
3287	4822 051 30101	100R00 5% 0,062W
3288	4822 051 30101	100R00 5% 0,062W
3289	4822 051 30008	0R00 jumper
3290	4822 051 30008	0R00 jumper
3291	4822 051 30471	470R00 5% 0,062W
3292	4822 051 30471	470R00 5% 0,062W
3293	4822 051 30222	2K20 5% 0,062W
3294	4822 051 30222	2K20 5% 0,062W
3295	4822 051 30222	2K20 5% 0,062W
3296	4822 051 30222	2K20 5% 0,062W
3297	4822 051 30222	2K20 5% 0,062W
3319	4822 051 30101	100R00 5% 0,062W
3320	4822 051 30101	100R00 5% 0,062W
3321	4822 051 30101	100R00 5% 0,062W
3322	4822 051 30101	100R00 5% 0,062W
3323	4822 051 30101	100R00 5% 0,062W
3324	4822 051 30101	100R00 5% 0,062W
3325	4822 051 30102	1K00 5% 0,062W
3326	4822 051 30102	1K00 5% 0,062W
3328	4822 051 30101	100R00 5% 0,062W
3329	4822 051 30101	100R00 5% 0,062W
3330	4822 051 30101	100R00 5% 0,062W
3331	4822 051 30222	2K20 5% 0,062W

3338	4822 051 30222	2K20 5% 0,062W
3339	4822 051 30222	2K20 5% 0,062W
3340	4822 051 30222	2K20 5% 0,062W
3341	4822 051 30222	2K20 5% 0,062W
3342	4822 051 30222	2K20 5% 0,062W
3343	4822 051 30471	470R00 5% 0,062W
3344	4822 051 30101	100R00 5% 0,062W
3345	4822 051 30101	100R00 5% 0,062W
3346	4822 051 30222	2K20 5% 0,062W
3347	4822 051 30222	2K20 5% 0,062W
3348	4822 051 30222	2K20 5% 0,062W
3349	4822 051 30222	2K20 5% 0,062W
3350	4822 051 30222	2K20 5% 0,062W
3351	4822 051 30103	10K00 5% 0,062W
3352	4822 051 30103	10K00 5% 0,062W
3353	4822 051 30182	1K80 5% 0,062W
3354	4822 051 30182	1K80 5% 0,062W
3355	4822 051 30104	100K00 5% 0,062W
3356	4822 051 30101	100R00 5% 0,062W
3357	4822 051 30101	100R00 5% 0,062W
3358	4822 051 30101	100R00 5% 0,062W
3359	4822 051 30471	470R00 5% 0,062W
3360	4822 051 30101	100R00 5% 0,062W
3361	4822 051 30103	10K00 5% 0,062W
3362	4822 051 30332	3K30 5% 0,062W
3363	4822 051 30222	2K20 5% 0,062W
3364	4822 051 30222	2K20 5% 0,062W
3365	4822 051 30104	100K00 5% 0,062W
3366	4822 051 30103	10K00 5% 0,062W
3367	4822 051 30103	10K00 5% 0,062W
3368	4822 051 30123	12K00 5% 0,062W
3369	4822 051 30123	12K00 5% 0,062W
3370	4822 051 30104	100K00 5% 0,062W
3371	4822 051 30101	100R00 5% 0,062W
3372	4822 051 30101	100R00 5% 0,062W
3373	4822 051 30101	100R00 5% 0,062W
3374	4822 051 30471	470R00 5% 0,062W
3375	4822 051 30101	100R00 5% 0,062W
3376	4822 051 30103	10K00 5% 0,062W
3377	4822 051 30332	3K30 5% 0,062W
3378	4822 051 30222	2K20 5% 0,062W
3379	4822 051 30222	2K20 5% 0,062W
3380	4822 051 30104	100K00 5% 0,062W
3381	4822 051 30103	10K00 5% 0,062W
3382	4822 051 30104	100K00 5% 0,062W
3387	4822 051 30101	100R00 5% 0,062W
3390	4822 117 11817	1K2 1% 1/16W
3391	4822 051 30332	3K30 5% 0,062W
3392	4822 051 30101	100R00 5% 0,062W
3393	4822 051 30471	470R00 5% 0,062W
3394	4822 051 30102	1K00 5% 0,062W
3395	4822 051 30471	470R00 5% 0,062W
3396	4822 051 30103	10K00 5% 0,062W
3397	4822 051 30104	100K00 5% 0,062W
3398	4822 051 30222	2K20 5% 0,062W
3399	4822 051 30222	2K20 5% 0,062W
3400	4822 051 30473	47K00 5% 0,062W
3401	4822 051 30473	47K00 5% 0,062W
3402	4822 051 30472	4K70 5% 0,062W
3403	4822 051 30472	4K70 5% 0,062W
3404	4822 051 30222	2K20 5% 0,062W
3405	4822 117 12523	330R 5% 0,63W
3406	4822 117 11817	1K2 1% 1/16W
3407	4822 117 11817	1K2 1% 1/16W

3408	4822 051 30392	3K9 5% 0.063W 0603
3409	4822 051 30221	220R00 5% 0,062W
3410	4822 051 30103	10K00 5% 0,062W
3411	4822 051 30561	560R00 5% 0,062W
3413	4822 051 30103	10K00 5% 0,062W
3415	4822 051 30103	10K00 5% 0,062W
3418	4822 051 30332	3K30 5% 0,062W
3419	4822 051 30273	27K00 5% 0,062W
3420	4822 051 30681	680R00 5% 0,062W
3421	4822 051 30681	680R00 5% 0,062W
3422	4822 051 30105	1M00 5% 0,062W
3423	4822 051 30103	10K00 5% 0,062W
3424	4822 051 30103	10K00 5% 0,062W
3425	4822 051 30681	680R00 5% 0,062W
3426	4822 051 30681	680R00 5% 0,062W
3427	4822 051 30105	1M00 5% 0,062W
3428	4822 051 30103	10K00 5% 0,062W
3429	4822 051 30103	10K00 5% 0,062W
3430	4822 051 30103	10K00 5% 0,062W
3431	4822 051 30103	10K00 5% 0,062W
3432	4822 051 30103	10K00 5% 0,062W
3433	4822 051 30103	10K00 5% 0,062W
3434	4822 051 30103	10K00 5% 0,062W
3435	4822 051 30472	4K70 5% 0,062W
3436	4822 051 30103	10K00 5% 0,062W
3437	4822 051 30103	10K00 5% 0,062W
3438	4822 051 30103	10K00 5% 0,062W
3439	4822 051 30472	4K70 5% 0,062W
3440	4822 051 30103	10K00 5% 0,062W
3441	4822 051 30103	10K00 5% 0,062W
3442	4822 051 30103	10K00 5% 0,062W
3443	4822 051 30222	2K20 5% 0,062W
3444	4822 051 30103	10K00 5% 0,062W
3445	4822 051 30103	10K00 5% 0,062W
3446	4822 051 30103	10K00 5% 0,062W
3447	4822 051 30109	10R00 5% 0,062W
3448	4822 051 30103	10K00 5% 0,062W
3449	4822 051 30103	10K00 5% 0,062W
3450	4822 051 30103	10K00 5% 0,062W
3451	4822 051 30109	10R00 5% 0,062W
3452	4822 051 30103	10K00 5% 0,062W
3453	4822 051 30103	10K00 5% 0,062W
3454	4822 051 30103	10K00 5% 0,062W
3455	4822 051 30109	10R00 5% 0,062W
3456	4822 051 30103	10K00 5% 0,062W
3457	4822 051 30103	10K00 5% 0,062W
3458	4822 051 30103	10K00 5% 0,062W
3459	4822 051 30472	4K70 5% 0,062W
3460	4822 051 30472	4K70 5% 0,062W
3461	4822 051 20472	4K70 5% 0,1W
3462	4822 051 30472	4K70 5% 0,062W
3463	4822 051 30472	4K70 5% 0,062W
3464	4822 051 20472	4K70 5% 0,1W
3465	4822 051 30109	10R00 5% 0,062W
3466	4822 051 30123	12K00 5% 0,062W
3467	4822 051 30101	100R00 5% 0,062W
3468	4822 051 30123	12K00 5% 0,062W
3469	4822 051 30123	12K00 5% 0,062W
3470	4822 051 30101	100R00 5% 0,062W
3471	4822 051 30123	12K00 5% 0,062W
3472	4822 051 30123	12K00 5% 0,062W
3473	4822 051 30101	100R00 5% 0,062W
3474	4822 051 30123	12K00 5% 0,062W
3475	4822 051 30123	12K00 5% 0,062W
3476	4822 051 30101	100R00 5% 0,062W
3477	4822 051 30123	12K00 5% 0,062W
3478	4822 051 30123	12K00 5% 0,062W
3479	4822 051 30101	100R00 5% 0,062W
3480	4822 051 30123	12K00 5% 0,062W
3481	4822 051 30123	12K00 5% 0,062W
3482	4822 051 30101	100R00 5% 0,062W
3483	4822 051 30123	12K00 5% 0,062W
3484	4822 051 30109	10R00 5% 0,062W
3485	4822 051 30101	100R00 5% 0,062W
3486	4822 051 30109	10R00 5% 0,062W
3487	4822 051 30101	100R00 5% 0,062W
3488	4822 051 30101	100R00 5% 0,062W
3489	4822 051 30109	10R00 5% 0,062W
3490	4822 117 13001	56R 5% 0,62W 0603
3493	4822 117 12889	270K 1% 0,063W 0603
3494	4822 051 30008	0R00 jumper
3495	4822 051 30102	1K00 5% 0,062W
3497	4822 051 30391	390R00 5% 0,062W
3499	4822 051 30471	470R00 5% 0,062W
3500	4822 051 30102	1K00 5% 0,062W
3501	4822 051 30102	1K00 5% 0,062W
3502	4822 051 30101	100R00 5% 0,062W
3503	4822 051 30101	100R00 5% 0,062W
3504	4822 051 30109	10R00 5% 0,062W
3505	4822 051 30103	10K00 5% 0,062W
3506	4822 117 12139	22R 5% 0,062W
3507	4822 051 30103	10K00 5% 0,062W
3508	4822 117 12139	22R 5% 0,062W
3510	4822 051 30102	1K00 5% 0,062W
3511	4822 051 30102	1K00 5% 0,062W
3512	4822 051 30153	15K00 5% 0,062W
3514	4822 117 13495	560K 5% 0,063W 0603
3515	4822 051 30102	1K00 5% 0,062W
3516	4822 051 30102	1K00 5% 0,062W
3517	4822 051 30153	15K00 5% 0,062W
3518	4822 117 12967	390K 5% 0,62W
3520	4822 051 30332	3K30 5% 0,062W
3521	4822 117 12139	22R 5% 0,062W
3522	4822 051 30109	10R00 5% 0,062W
3523	4822 117 12968	820R 5% 0,62W
3524	4822 051 30101	100R00 5% 0,062W
3526	4822 051 30101	100R00 5% 0,062W
3527	4822 117 12139	22R 5% 0,062W
3528	4822 117 12139	22R 5% 0,062W
3529	4822 051 30109	10R00 5% 0,062W
3530	4822 117 12139	22R 5% 0,062W
3531	4822 051 30332	3K30 5% 0,062W
3532	4822 051 30332	3K30 5% 0,062W
3533	4822 117 12139	22R 5% 0,062W
3534	4822 051 30109	10R00 5% 0,062W
3535	4822 051 30224	220K00 5% 0,062W
3536	4822 051 30101	100R00 5% 0,062W
3538	4822 051 30101	100R00 5% 0,062W
3539	4822 117 12139	22R 5% 0,062W
3540	4822 117 12139	22R 5% 0,062W
3541	4822 051 30109	10R00 5% 0,062W
3542	4822 117 12139	22R 5% 0,062W
3543	4822 051 30332	3K30 5% 0,062W
3544	4822 051 30332	3K30 5% 0,062W
3545	4822 117 12139	22R 5% 0,062W
3546	4822 051 30109	10R00 5% 0,062W
3547	4822 051 30154	150K00 5% 0,062W
3548	4822 051 30101	100R00 5% 0,062W

3875	4822 051 30332	3K30 5% 0,062W
3876	4822 117 12139	22R 5% 0,062W
3877	4822 051 30109	10R00 5% 0,062W
3879	4822 051 30101	100R00 5% 0,062W
3881	4822 051 30101	100R00 5% 0,062W
3882	4822 117 12139	22R 5% 0,062W
3883	4822 117 12139	22R 5% 0,062W
3884	4822 051 30109	10R00 5% 0,062W
3885	4822 117 12139	22R 5% 0,062W
3886	4822 051 30332	3K30 5% 0,062W
3887	4822 051 30332	3K30 5% 0,062W
3888	4822 117 12139	22R 5% 0,062W
3889	4822 051 30109	10R00 5% 0,062W
3891	4822 051 30101	100R00 5% 0,062W
3893	4822 051 30101	100R00 5% 0,062W
3894	4822 117 12139	22R 5% 0,062W
3895	4822 117 12139	22R 5% 0,062W
3896	4822 051 30109	10R00 5% 0,062W
3897	4822 117 12139	22R 5% 0,062W
3898	4822 051 30332	3K30 5% 0,062W
3900	4822 051 30103	10K00 5% 0,062W
3901	4822 117 11449	2K2 1% 0,1W
3902	4822 051 30105	1M00 5% 0,062W
3903	4822 051 30105	1M00 5% 0,062W
3904	4822 051 30103	10K00 5% 0,062W
3905	4822 117 11449	2K2 1% 0,1W
3906	4822 051 30105	1M00 5% 0,062W
3907	4822 051 30105	1M00 5% 0,062W
3908	4822 051 30103	10K00 5% 0,062W
3909	4822 117 11449	2K2 1% 0,1W
3910	4822 051 30105	1M00 5% 0,062W
3911	4822 051 30105	1M00 5% 0,062W
3912	4822 051 30103	10K00 5% 0,062W
3913	4822 117 11449	2K2 1% 0,1W
3914	4822 051 30105	1M00 5% 0,062W
3915	4822 051 30105	1M00 5% 0,062W
3916	4822 051 30103	10K00 5% 0,062W
3917	4822 117 11449	2K2 1% 0,1W
3918	4822 051 30105	1M00 5% 0,062W
3919	4822 051 30105	1M00 5% 0,062W
3920	4822 051 30103	10K00 5% 0,062W
3921	4822 117 11449	2K2 1% 0,1W
3922	4822 051 30105	1M00 5% 0,062W
3923	4822 051 30105	1M00 5% 0,062W
3924	4822 051 30101	100R00 5% 0,062W
3925	4822 051 30101	100R00 5% 0,062W
3926	4822 051 30101	100R00 5% 0,062W
3927	4822 051 30101	100R00 5% 0,062W
3928	4822 051 30101	100R00 5% 0,062W
3929	4822 051 30101	100R00 5% 0,062W
3930	4822 051 30123	12K00 5% 0,062W
3931	4822 051 30123	12K00 5% 0,062W
3932	4822 117 12139	22R 5% 0,062W
3933	4822 051 30123	12K00 5% 0,062W
3934	4822 051 30123	12K00 5% 0,062W
3935	4822 117 12139	22R 5% 0,062W
3936	4822 051 30123	12K00 5% 0,062W
3937	4822 051 30123	12K00 5% 0,062W
3938	4822 117 12139	22R 5% 0,062W
3939	4822 051 30123	12K00 5% 0,062W
3940	4822 051 30123	12K00 5% 0,062W
3941	4822 117 12139	22R 5% 0,062W
3942	4822 051 30123	12K00 5% 0,062W
3943	4822 051 30123	12K00 5% 0,062W
3944	4822 117 12139	22R 5% 0,062W
3945	4822 051 30123	12K00 5% 0,062W
3946	4822 051 30123	12K00 5% 0,062W
3947	4822 117 12139	22R 5% 0,062W
3978	4822 051 30332	3K30 5% 0,062W
3979	4822 051 30332	3K30 5% 0,062W
3980	4822 051 30105	1M00 5% 0,062W
3981	4822 051 30332	3K30 5% 0,062W
3982	4822 051 30332	3K30 5% 0,062W
3983	4822 051 30105	1M00 5% 0,062W
3984	4822 051 30332	3K30 5% 0,062W
3985	4822 051 30332	3K30 5% 0,062W
3986	4822 051 30105	1M00 5% 0,062W
3987	4822 051 30332	3K30 5% 0,062W
3988	4822 051 30332	3K30 5% 0,062W
3989	4822 051 30105	1M00 5% 0,062W
3990	4822 051 30101	100R00 5% 0,062W
3992	4822 051 30101	100R00 5% 0,062W
3993	4822 051 30101	100R00 5% 0,062W
3994	4822 051 30109	10R00 5% 0,062W
3995	4822 117 13001	56R 5% 0,62W 0603
3998	4822 117 12968	820R 5% 0,62W
3999	4822 051 30008	0R00 jumper
4000	4822 051 30102	1K00 5% 0,062W
4002	4822 051 30391	390R00 5% 0,062W
4004	4822 051 30471	470R00 5% 0,062W
4005	4822 051 30102	1K00 5% 0,062W
4006	4822 051 30102	1K00 5% 0,062W
4007	4822 051 30101	100R00 5% 0,062W
4008	4822 051 30101	100R00 5% 0,062W
4009	4822 051 30109	10R00 5% 0,062W
4010	4822 051 30103	10K00 5% 0,062W
4011	4822 117 12139	22R 5% 0,062W
4012	4822 051 30103	10K00 5% 0,062W
4013	4822 117 12139	22R 5% 0,062W
4015	4822 051 30102	1K00 5% 0,062W
4016	4822 051 30102	1K00 5% 0,062W
4017	4822 051 30153	15K00 5% 0,062W
4018	4822 117 12889	270K 1% 0,063W 0603
4020	4822 051 30102	1K00 5% 0,062W
4021	4822 051 30102	1K00 5% 0,062W
4022	4822 051 30153	15K00 5% 0,062W
4024	4822 117 13495	560K 5% 0,063W 0603
4026	4822 051 30154	150K00 5% 0,062W
4028	4822 117 12967	390K 5% 0,62W
4030	4822 051 30332	3K30 5% 0,062W
4031	4822 117 12139	22R 5% 0,062W
4032	4822 051 30109	10R00 5% 0,062W
4034	4822 051 30101	100R00 5% 0,062W
4036	4822 051 30101	100R00 5% 0,062W
4037	4822 117 12139	22R 5% 0,062W
4038	4822 117 12139	22R 5% 0,062W
4039	4822 051 30109	10R00 5% 0,062W
4040	4822 117 12139	22R 5% 0,062W
4041	4822 051 30332	3K30 5% 0,062W
4042	4822 051 30332	3K30 5% 0,062W
4043	4822 117 12139	22R 5% 0,062W
4044	4822 051 30109	10R00 5% 0,062W
4046	4822 051 30101	100R00 5% 0,062W
4048	4822 051 30101	100R00 5% 0,062W
4049	4822 117 12139	22R 5% 0,062W
4050	4822 117 12139	22R 5% 0,062W
4051	4822 051 30109	10R00 5% 0,062W
4052	4822 117 12139	22R 5% 0,062W

4053	4822 051 30332	3K30 5% 0,062W
4054	4822 051 30332	3K30 5% 0,062W
4055	4822 117 12139	22R 5% 0,062W
4056	4822 051 30109	10R00 5% 0,062W
4058	4822 051 30101	100R00 5% 0,062W
4060	4822 051 30101	100R00 5% 0,062W
4061	4822 117 12139	22R 5% 0,062W
4062	4822 117 12139	22R 5% 0,062W
4063	4822 051 30109	10R00 5% 0,062W
4064	4822 117 12139	22R 5% 0,062W
4065	4822 051 30332	3K30 5% 0,062W
4066	4822 051 30332	3K30 5% 0,062W
4067	4822 117 12139	22R 5% 0,062W
4068	4822 051 30109	10R00 5% 0,062W
4070	4822 051 30101	100R00 5% 0,062W
4072	4822 051 30101	100R00 5% 0,062W
4073	4822 117 12139	22R 5% 0,062W
4074	4822 117 12139	22R 5% 0,062W
4075	4822 051 30109	10R00 5% 0,062W
4076	4822 117 12139	22R 5% 0,062W
4077	4822 051 30332	3K30 5% 0,062W
4078	4822 051 30332	3K30 5% 0,062W
4079	4822 117 12139	22R 5% 0,062W
4080	4822 051 30109	10R00 5% 0,062W
4082	4822 051 30101	100R00 5% 0,062W
4084	4822 051 30101	100R00 5% 0,062W
4085	4822 117 12139	22R 5% 0,062W
4086	4822 117 12139	22R 5% 0,062W
4087	4822 051 30109	10R00 5% 0,062W
4088	4822 117 12139	22R 5% 0,062W
4089	4822 051 30332	3K30 5% 0,062W
4090	4822 051 30332	3K30 5% 0,062W
4091	4822 117 12139	22R 5% 0,062W
4092	4822 051 30109	10R00 5% 0,062W
4094	4822 051 30101	100R00 5% 0,062W
4096	4822 051 30101	100R00 5% 0,062W
4097	4822 117 12139	22R 5% 0,062W
4098	4822 117 12139	22R 5% 0,062W
4099	4822 051 30109	10R00 5% 0,062W
4100	4822 117 12139	22R 5% 0,062W
4101	4822 051 30332	3K30 5% 0,062W
4102	4822 051 30224	220K00 5% 0,062W
4103	4822 051 30332	3K30 5% 0,062W
4104	4822 117 12139	22R 5% 0,062W
4105	4822 051 30109	10R00 5% 0,062W
4107	4822 051 30101	100R00 5% 0,062W
4109	4822 051 30101	100R00 5% 0,062W
4110	4822 117 12139	22R 5% 0,062W
4111	4822 117 12139	22R 5% 0,062W
4112	4822 051 30109	10R00 5% 0,062W
4113	4822 117 12139	22R 5% 0,062W
4114	4822 051 30332	3K30 5% 0,062W
4115	4822 051 30332	3K30 5% 0,062W
4116	4822 117 12139	22R 5% 0,062W
4117	4822 051 30109	10R00 5% 0,062W
4119	4822 051 30101	100R00 5% 0,062W
4121	4822 051 30101	100R00 5% 0,062W
4122	4822 117 12139	22R 5% 0,062W
4123	4822 117 12139	22R 5% 0,062W
4124	4822 051 30109	10R00 5% 0,062W
4125	4822 117 12139	22R 5% 0,062W
4126	4822 051 30332	3K30 5% 0,062W
4127	4822 051 30332	3K30 5% 0,062W
4128	4822 117 12139	22R 5% 0,062W
4129	4822 051 30109	10R00 5% 0,062W
4131	4822 051 30101	100R00 5% 0,062W
4133	4822 051 30101	100R00 5% 0,062W
4134	4822 117 12139	22R 5% 0,062W
4135	4822 117 12139	22R 5% 0,062W
4136	4822 051 30109	10R00 5% 0,062W
4137	4822 117 12139	22R 5% 0,062W
4138	4822 051 30332	3K30 5% 0,062W
4139	4822 051 30332	3K30 5% 0,062W
4140	4822 117 12139	22R 5% 0,062W
4141	4822 051 30109	10R00 5% 0,062W
4143	4822 051 30101	100R00 5% 0,062W
4145	4822 051 30101	100R00 5% 0,062W
4146	4822 117 12139	22R 5% 0,062W
4147	4822 117 12139	22R 5% 0,062W
4148	4822 051 30109	10R00 5% 0,062W
4149	4822 117 12139	22R 5% 0,062W
4150	4822 051 30332	3K30 5% 0,062W
4151	4822 051 30332	3K30 5% 0,062W
4152	4822 117 12139	22R 5% 0,062W
4153	4822 051 30109	10R00 5% 0,062W
4155	4822 051 30101	100R00 5% 0,062W
4157	4822 051 30101	100R00 5% 0,062W
4158	4822 117 12139	22R 5% 0,062W
4159	4822 117 12139	22R 5% 0,062W
4160	4822 051 30109	10R00 5% 0,062W
4161	4822 117 12139	22R 5% 0,062W
4162	4822 051 30332	3K30 5% 0,062W
4163	4822 051 30332	3K30 5% 0,062W
4164	4822 117 12139	22R 5% 0,062W
4165	4822 051 30109	10R00 5% 0,062W
4167	4822 051 30101	100R00 5% 0,062W
4169	4822 051 30101	100R00 5% 0,062W
4170	4822 117 12139	22R 5% 0,062W
4171	4822 117 12139	22R 5% 0,062W
4172	4822 051 30109	10R00 5% 0,062W
4173	4822 117 12139	22R 5% 0,062W
4174	4822 051 30332	3K30 5% 0,062W
4175	4822 051 30103	10K00 5% 0,062W
4176	4822 117 11449	2K2 1% 0,1W
4177	4822 051 30105	1M00 5% 0,062W
4178	4822 051 30105	1M00 5% 0,062W
4179	4822 051 30103	10K00 5% 0,062W
4180	4822 117 11449	2K2 1% 0,1W
4181	4822 051 30105	1M00 5% 0,062W
4182	4822 051 30105	1M00 5% 0,062W
4183	4822 051 30103	10K00 5% 0,062W
4184	4822 117 11449	2K2 1% 0,1W
4185	4822 051 30105	1M00 5% 0,062W
4186	4822 051 30105	1M00 5% 0,062W
4187	4822 051 30103	10K00 5% 0,062W
4188	4822 117 11449	2K2 1% 0,1W
4189	4822 051 30105	1M00 5% 0,062W
4190	4822 051 30105	1M00 5% 0,062W
4191	4822 051 30103	10K00 5% 0,062W
4192	4822 117 11449	2K2 1% 0,1W
4193	4822 051 30105	1M00 5% 0,062W
4194	4822 051 30105	1M00 5% 0,062W
4195	4822 051 30103	10K00 5% 0,062W
4196	4822 117 11449	2K2 1% 0,1W
4197	4822 051 30105	1M00 5% 0,062W
4198	4822 051 30105	1M00 5% 0,062W
4199	4822 051 30101	100R00 5% 0,062W
4200	4822 051 30101	100R00 5% 0,062W

4201	4822 051 30101	100R00 5% 0,062W
4202	4822 051 30101	100R00 5% 0,062W
4203	4822 051 30101	100R00 5% 0,062W
4204	4822 051 30101	100R00 5% 0,062W
4205	4822 051 30123	12K00 5% 0,062W
4206	4822 051 30123	12K00 5% 0,062W
4207	4822 117 12139	22R 5% 0,062W
4208	4822 051 30123	12K00 5% 0,062W
4209	4822 051 30123	12K00 5% 0,062W
4210	4822 117 12139	22R 5% 0,062W
4211	4822 051 30123	12K00 5% 0,062W
4212	4822 051 30123	12K00 5% 0,062W
4213	4822 117 12139	22R 5% 0,062W
4214	4822 051 30123	12K00 5% 0,062W
4215	4822 051 30123	12K00 5% 0,062W
4216	4822 117 12139	22R 5% 0,062W
4217	4822 051 30123	12K00 5% 0,062W
4218	4822 051 30123	12K00 5% 0,062W
4219	4822 117 12139	22R 5% 0,062W
4220	4822 051 30123	12K00 5% 0,062W
4221	4822 051 30123	12K00 5% 0,062W
4222	4822 117 12139	22R 5% 0,062W
4260	4822 051 30332	3K30 5% 0,062W
4261	4822 117 12139	22R 5% 0,062W
4262	4822 051 30109	10R00 5% 0,062W
4264	4822 051 30101	100R00 5% 0,062W
4266	4822 051 30101	100R00 5% 0,062W
4267	4822 117 12139	22R 5% 0,062W
4268	4822 117 12139	22R 5% 0,062W
4269	4822 051 30109	10R00 5% 0,062W
4270	4822 117 12139	22R 5% 0,062W
4271	4822 051 30332	3K30 5% 0,062W
4272	4822 051 30332	3K30 5% 0,062W
4273	4822 117 12139	22R 5% 0,062W
4274	4822 051 30109	10R00 5% 0,062W
4276	4822 051 30101	100R00 5% 0,062W
4278	4822 051 30101	100R00 5% 0,062W
4279	4822 117 12139	22R 5% 0,062W
4280	4822 117 12139	22R 5% 0,062W
4281	4822 051 30109	10R00 5% 0,062W
4282	4822 117 12139	22R 5% 0,062W
4283	4822 051 30332	3K30 5% 0,062W
4284	4822 051 30332	3K30 5% 0,062W
4285	4822 117 12139	22R 5% 0,062W
4286	4822 051 30109	10R00 5% 0,062W
4288	4822 051 30101	100R00 5% 0,062W
4290	4822 051 30101	100R00 5% 0,062W
4291	4822 117 12139	22R 5% 0,062W
4292	4822 117 12139	22R 5% 0,062W
4293	4822 051 30109	10R00 5% 0,062W
4294	4822 117 12139	22R 5% 0,062W
4295	4822 051 30332	3K30 5% 0,062W
4296	4822 051 30332	3K30 5% 0,062W
4297	4822 117 12139	22R 5% 0,062W
4298	4822 051 30109	10R00 5% 0,062W
4300	4822 051 30101	100R00 5% 0,062W
4302	4822 051 30101	100R00 5% 0,062W
4303	4822 117 12139	22R 5% 0,062W
4304	4822 117 12139	22R 5% 0,062W
4305	4822 051 30109	10R00 5% 0,062W
4306	4822 117 12139	22R 5% 0,062W
4307	4822 051 30332	3K30 5% 0,062W
4308	4822 051 30332	3K30 5% 0,062W
4309	4822 117 12139	22R 5% 0,062W
4310	4822 051 30109	10R00 5% 0,062W
4312	4822 051 30101	100R00 5% 0,062W
4314	4822 051 30101	100R00 5% 0,062W
4315	4822 117 12139	22R 5% 0,062W
4316	4822 117 12139	22R 5% 0,062W
4317	4822 051 30109	10R00 5% 0,062W
4318	4822 117 12139	22R 5% 0,062W
4319	4822 051 30332	3K30 5% 0,062W
4320	4822 051 30332	3K30 5% 0,062W
4321	4822 117 12139	22R 5% 0,062W
4322	4822 051 30109	10R00 5% 0,062W
4324	4822 051 30101	100R00 5% 0,062W
4326	4822 051 30101	100R00 5% 0,062W
4327	4822 117 12139	22R 5% 0,062W
4328	4822 117 12139	22R 5% 0,062W
4329	4822 051 30109	10R00 5% 0,062W
4330	4822 117 12139	22R 5% 0,062W
4331	4822 051 30332	3K30 5% 0,062W
4332	4822 051 30332	3K30 5% 0,062W
4333	4822 117 12139	22R 5% 0,062W
4334	4822 051 30109	10R00 5% 0,062W
4336	4822 051 30101	100R00 5% 0,062W
4338	4822 051 30101	100R00 5% 0,062W
4339	4822 117 12139	22R 5% 0,062W
4340	4822 117 12139	22R 5% 0,062W
4341	4822 051 30109	10R00 5% 0,062W
4342	4822 117 12139	22R 5% 0,062W
4343	4822 051 30332	3K30 5% 0,062W
4344	4822 051 30332	3K30 5% 0,062W
4345	4822 117 12139	22R 5% 0,062W
4346	4822 051 30109	10R00 5% 0,062W
4348	4822 051 30101	100R00 5% 0,062W
4350	4822 051 30101	100R00 5% 0,062W
4351	4822 117 12139	22R 5% 0,062W
4352	4822 117 12139	22R 5% 0,062W
4353	4822 051 30109	10R00 5% 0,062W
4354	4822 117 12139	22R 5% 0,062W
4355	4822 051 30332	3K30 5% 0,062W
4356	4822 051 30332	3K30 5% 0,062W
4357	4822 117 12139	22R 5% 0,062W
4358	4822 051 30109	10R00 5% 0,062W
4360	4822 051 30101	100R00 5% 0,062W
4362	4822 051 30101	100R00 5% 0,062W
4363	4822 117 12139	22R 5% 0,062W
4364	4822 117 12139	22R 5% 0,062W
4365	4822 051 30109	10R00 5% 0,062W
4366	4822 117 12139	22R 5% 0,062W
4367	4822 051 30332	3K30 5% 0,062W
4368	4822 051 30332	3K30 5% 0,062W
4369	4822 117 12139	22R 5% 0,062W
4370	4822 051 30109	10R00 5% 0,062W
4372	4822 051 30101	100R00 5% 0,062W
4374	4822 051 30101	100R00 5% 0,062W
4375	4822 117 12139	22R 5% 0,062W
4376	4822 117 12139	22R 5% 0,062W
4377	4822 051 30109	10R00 5% 0,062W
4378	4822 117 12139	22R 5% 0,062W
4379	4822 051 30332	3K30 5% 0,062W
4380	4822 051 30332	3K30 5% 0,062W
4381	4822 117 12139	22R 5% 0,062W
4382	4822 051 30109	10R00 5% 0,062W
4384	4822 051 30101	100R00 5% 0,062W
4386	4822 051 30101	100R00 5% 0,062W
4387	4822 117 12139	22R 5% 0,062W

4388	4822 117 12139	22R 5% 0,062W
4389	4822 051 30109	10R00 5% 0,062W
4390	4822 117 12139	22R 5% 0,062W
4391	4822 051 30332	3K30 5% 0,062W
4392	4822 051 30332	3K30 5% 0,062W
4393	4822 117 12139	22R 5% 0,062W
4394	4822 051 30109	10R00 5% 0,062W
4396	4822 051 30101	100R00 5% 0,062W
4398	4822 051 30101	100R00 5% 0,062W
4399	4822 117 12139	22R 5% 0,062W
4400	4822 117 12139	22R 5% 0,062W
4401	4822 051 30109	10R00 5% 0,062W
4402	4822 117 12139	22R 5% 0,062W
4403	4822 051 30332	3K30 5% 0,062W
4404	4822 051 30103	10K00 5% 0,062W
4405	4822 117 11449	2K2 1% 0,1W
4406	4822 051 30105	1M00 5% 0,062W
4407	4822 051 30105	1M00 5% 0,062W
4408	4822 051 30103	10K00 5% 0,062W
4409	4822 117 11449	2K2 1% 0,1W
4410	4822 051 30105	1M00 5% 0,062W
4411	4822 051 30105	1M00 5% 0,062W
4412	4822 051 30103	10K00 5% 0,062W
4413	4822 117 11449	2K2 1% 0,1W
4414	4822 051 30105	1M00 5% 0,062W
4415	4822 051 30105	1M00 5% 0,062W
4416	4822 051 30103	10K00 5% 0,062W
4417	4822 117 11449	2K2 1% 0,1W
4418	4822 051 30105	1M00 5% 0,062W
4419	4822 051 30105	1M00 5% 0,062W
4420	4822 051 30103	10K00 5% 0,062W
4421	4822 117 11449	2K2 1% 0,1W
4422	4822 051 30105	1M00 5% 0,062W
4423	4822 051 30105	1M00 5% 0,062W
4424	4822 051 30103	10K00 5% 0,062W
4425	4822 117 11449	2K2 1% 0,1W
4426	4822 051 30105	1M00 5% 0,062W
4427	4822 051 30105	1M00 5% 0,062W
4428	4822 051 30101	100R00 5% 0,062W
4429	4822 051 30101	100R00 5% 0,062W
4430	4822 051 30101	100R00 5% 0,062W
4431	4822 051 30101	100R00 5% 0,062W
4432	4822 051 30101	100R00 5% 0,062W
4433	4822 051 30101	100R00 5% 0,062W
4434	4822 051 30123	12K00 5% 0,062W
4435	4822 051 30123	12K00 5% 0,062W
4436	4822 117 12139	22R 5% 0,062W
4437	4822 051 30123	12K00 5% 0,062W
4438	4822 051 30123	12K00 5% 0,062W
4439	4822 117 12139	22R 5% 0,062W
4440	4822 051 30123	12K00 5% 0,062W
4441	4822 051 30123	12K00 5% 0,062W
4442	4822 117 12139	22R 5% 0,062W
4443	4822 051 30123	12K00 5% 0,062W
4444	4822 051 30123	12K00 5% 0,062W
4445	4822 117 12139	22R 5% 0,062W
4446	4822 051 30123	12K00 5% 0,062W
4447	4822 051 30123	12K00 5% 0,062W
4448	4822 117 12139	22R 5% 0,062W
4449	4822 051 30123	12K00 5% 0,062W
4450	4822 051 30123	12K00 5% 0,062W
4451	4822 117 12139	22R 5% 0,062W
4495	4822 051 30101	100R00 5% 0,062W
4496	4822 117 12968	820R 5% 0,62W
4497	4822 051 30101	100R00 5% 0,062W
4498	4822 051 30101	100R00 5% 0,062W
4499	4822 051 30109	10R00 5% 0,062W
4500	4822 117 13001	56R 5% 0,62W 0603
4503	4822 117 12889	270K 1% 0,063W 0603
4504	4822 051 30008	0R00 jumper
4505	4822 051 30102	1K00 5% 0,062W
4507	4822 051 30391	390R00 5% 0,062W
4509	4822 051 30471	470R00 5% 0,062W
4510	4822 051 30102	1K00 5% 0,062W
4511	4822 051 30102	1K00 5% 0,062W
4512	4822 051 30101	100R00 5% 0,062W
4513	4822 051 30101	100R00 5% 0,062W
4514	4822 051 30109	10R00 5% 0,062W
4515	4822 051 30103	10K00 5% 0,062W
4516	4822 117 12139	22R 5% 0,062W
4517	4822 051 30103	10K00 5% 0,062W
4518	4822 117 12139	22R 5% 0,062W
4520	4822 051 30102	1K00 5% 0,062W
4521	4822 051 30102	1K00 5% 0,062W
4522	4822 051 30153	15K00 5% 0,062W
4524	4822 117 13495	560K 5% 0,063W 0603
4525	4822 051 30102	1K00 5% 0,062W
4526	4822 051 30102	1K00 5% 0,062W
4527	4822 051 30153	15K00 5% 0,062W
4528	4822 117 12967	390K 5% 0,62W
4530	4822 051 30332	3K30 5% 0,062W
4531	4822 117 12139	22R 5% 0,062W
4532	4822 051 30109	10R00 5% 0,062W
4533	4822 051 30332	3K30 5% 0,062W
4534	4822 051 30101	100R00 5% 0,062W
4535	4822 051 30332	3K30 5% 0,062W
4536	4822 051 30101	100R00 5% 0,062W
4537	4822 117 12139	22R 5% 0,062W
4538	4822 117 12139	22R 5% 0,062W
4539	4822 051 30109	10R00 5% 0,062W
4540	4822 117 12139	22R 5% 0,062W
4541	4822 051 30332	3K30 5% 0,062W
4542	4822 051 30332	3K30 5% 0,062W
4543	4822 117 12139	22R 5% 0,062W
4544	4822 051 30109	10R00 5% 0,062W
4545	4822 051 30105	1M00 5% 0,062W
4546	4822 051 30101	100R00 5% 0,062W
4547	4822 051 30332	3K30 5% 0,062W
4548	4822 051 30101	100R00 5% 0,062W
4549	4822 117 12139	22R 5% 0,062W
4550	4822 117 12139	22R 5% 0,062W
4551	4822 051 30109	10R00 5% 0,062W
4552	4822 117 12139	22R 5% 0,062W
4553	4822 051 30332	3K30 5% 0,062W
4554	4822 051 30332	3K30 5% 0,062W
4555	4822 117 12139	22R 5% 0,062W
4556	4822 051 30109	10R00 5% 0,062W
4557	4822 051 30332	3K30 5% 0,062W
4558	4822 051 30101	100R00 5% 0,062W
4559	4822 051 30105	1M00 5% 0,062W
4560	4822 051 30101	100R00 5% 0,062W
4561	4822 117 12139	22R 5% 0,062W
4562	4822 117 12139	22R 5% 0,062W
4563	4822 051 30109	10R00 5% 0,062W
4564	4822 117 12139	22R 5% 0,062W
4565	4822 051 30332	3K30 5% 0,062W
4566	4822 051 30332	3K30 5% 0,062W
4567	4822 117 12139	22R 5% 0,062W

4568	4822 051 30109	10R00 5% 0,062W
4569	4822 051 30332	3K30 5% 0,062W
4570	4822 051 30101	100R00 5% 0,062W
4571	4822 051 30332	3K30 5% 0,062W
4572	4822 051 30101	100R00 5% 0,062W
4573	4822 117 12139	22R 5% 0,062W
4574	4822 117 12139	22R 5% 0,062W
4575	4822 051 30109	10R00 5% 0,062W
4576	4822 117 12139	22R 5% 0,062W
4577	4822 051 30332	3K30 5% 0,062W
4578	4822 051 30332	3K30 5% 0,062W
4579	4822 117 12139	22R 5% 0,062W
4580	4822 051 30109	10R00 5% 0,062W
4581	4822 051 30105	1M00 5% 0,062W
4582	4822 051 30101	100R00 5% 0,062W
4583	4822 051 30332	3K30 5% 0,062W
4584	4822 051 30101	100R00 5% 0,062W
4585	4822 117 12139	22R 5% 0,062W
4586	4822 117 12139	22R 5% 0,062W
4587	4822 051 30109	10R00 5% 0,062W
4588	4822 117 12139	22R 5% 0,062W
4589	4822 051 30332	3K30 5% 0,062W
4590	4822 051 30332	3K30 5% 0,062W
4591	4822 117 12139	22R 5% 0,062W
4592	4822 051 30109	10R00 5% 0,062W
4593	4822 051 30332	3K30 5% 0,062W
4594	4822 051 30101	100R00 5% 0,062W
4595	4822 051 30105	1M00 5% 0,062W
4596	4822 051 30101	100R00 5% 0,062W
4597	4822 117 12139	22R 5% 0,062W
4598	4822 117 12139	22R 5% 0,062W
4599	4822 051 30109	10R00 5% 0,062W
4600	4822 117 12139	22R 5% 0,062W
4601	4822 051 30332	3K30 5% 0,062W
4602	4822 051 30224	220K00 5% 0,062W
4603	4822 051 30332	3K30 5% 0,062W
4604	4822 117 12139	22R 5% 0,062W
4605	4822 051 30109	10R00 5% 0,062W
4607	4822 051 30101	100R00 5% 0,062W
4609	4822 051 30101	100R00 5% 0,062W
4610	4822 117 12139	22R 5% 0,062W
4611	4822 117 12139	22R 5% 0,062W
4612	4822 051 30109	10R00 5% 0,062W
4613	4822 117 12139	22R 5% 0,062W
4614	4822 051 30332	3K30 5% 0,062W
4615	4822 051 30332	3K30 5% 0,062W
4616	4822 117 12139	22R 5% 0,062W
4617	4822 051 30109	10R00 5% 0,062W
4619	4822 051 30101	100R00 5% 0,062W
4621	4822 051 30101	100R00 5% 0,062W
4622	4822 117 12139	22R 5% 0,062W
4623	4822 117 12139	22R 5% 0,062W
4624	4822 051 30109	10R00 5% 0,062W
4625	4822 117 12139	22R 5% 0,062W
4626	4822 051 30332	3K30 5% 0,062W
4627	4822 051 30332	3K30 5% 0,062W
4628	4822 117 12139	22R 5% 0,062W
4629	4822 051 30109	10R00 5% 0,062W
4631	4822 051 30101	100R00 5% 0,062W
4633	4822 051 30101	100R00 5% 0,062W
4634	4822 117 12139	22R 5% 0,062W
4635	4822 117 12139	22R 5% 0,062W
4636	4822 051 30109	10R00 5% 0,062W
4637	4822 117 12139	22R 5% 0,062W

4638	4822 051 30332	3K30 5% 0,062W
4639	4822 051 30332	3K30 5% 0,062W
4640	4822 117 12139	22R 5% 0,062W
4641	4822 051 30109	10R00 5% 0,062W
4643	4822 051 30101	100R00 5% 0,062W
4645	4822 051 30101	100R00 5% 0,062W
4646	4822 117 12139	22R 5% 0,062W
4647	4822 117 12139	22R 5% 0,062W
4648	4822 051 30109	10R00 5% 0,062W
4649	4822 117 12139	22R 5% 0,062W
4650	4822 051 30332	3K30 5% 0,062W
4651	4822 051 30332	3K30 5% 0,062W
4652	4822 117 12139	22R 5% 0,062W
4653	4822 051 30109	10R00 5% 0,062W
4655	4822 051 30101	100R00 5% 0,062W
4657	4822 051 30101	100R00 5% 0,062W
4658	4822 117 12139	22R 5% 0,062W
4659	4822 117 12139	22R 5% 0,062W
4660	4822 051 30109	10R00 5% 0,062W
4661	4822 117 12139	22R 5% 0,062W
4662	4822 051 30332	3K30 5% 0,062W
4663	4822 051 30332	3K30 5% 0,062W
4664	4822 117 12139	22R 5% 0,062W
4665	4822 051 30109	10R00 5% 0,062W
4667	4822 051 30101	100R00 5% 0,062W
4669	4822 051 30101	100R00 5% 0,062W
4670	4822 117 12139	22R 5% 0,062W
4671	4822 117 12139	22R 5% 0,062W
4672	4822 051 30109	10R00 5% 0,062W
4673	4822 117 12139	22R 5% 0,062W
4674	4822 051 30332	3K30 5% 0,062W
4675	4822 051 30103	10K00 5% 0,062W
4676	4822 117 11449	2K2 1% 0,1W
4677	4822 051 30105	1M00 5% 0,062W
4678	4822 051 30105	1M00 5% 0,062W
4679	4822 051 30103	10K00 5% 0,062W
4680	4822 117 11449	2K2 1% 0,1W
4681	4822 051 30105	1M00 5% 0,062W
4682	4822 051 30105	1M00 5% 0,062W
4683	4822 051 30103	10K00 5% 0,062W
4684	4822 117 11449	2K2 1% 0,1W
4685	4822 051 30105	1M00 5% 0,062W
4686	4822 051 30105	1M00 5% 0,062W
4687	4822 051 30103	10K00 5% 0,062W
4688	4822 117 11449	2K2 1% 0,1W
4689	4822 051 30105	1M00 5% 0,062W
4690	4822 051 30105	1M00 5% 0,062W
4691	4822 051 30103	10K00 5% 0,062W
4692	4822 117 11449	2K2 1% 0,1W
4693	4822 051 30105	1M00 5% 0,062W
4694	4822 051 30105	1M00 5% 0,062W
4695	4822 051 30103	10K00 5% 0,062W
4696	4822 117 11449	2K2 1% 0,1W
4697	4822 051 30105	1M00 5% 0,062W
4698	4822 051 30105	1M00 5% 0,062W
4699	4822 051 30101	100R00 5% 0,062W
4700	4822 051 30101	100R00 5% 0,062W
4701	4822 051 30101	100R00 5% 0,062W
4702	4822 051 30101	100R00 5% 0,062W
4703	4822 051 30101	100R00 5% 0,062W
4704	4822 051 30101	100R00 5% 0,062W
4705	4822 051 30123	12K00 5% 0,062W
4706	4822 051 30123	12K00 5% 0,062W
4707	4822 117 12139	22R 5% 0,062W

4708	4822 051 30123	12K00 5% 0,062W
4709	4822 051 30123	12K00 5% 0,062W
4710	4822 117 12139	22R 5% 0,062W
4711	4822 051 30123	12K00 5% 0,062W
4712	4822 051 30123	12K00 5% 0,062W
4713	4822 117 12139	22R 5% 0,062W
4714	4822 051 30123	12K00 5% 0,062W
4715	4822 051 30123	12K00 5% 0,062W
4716	4822 117 12139	22R 5% 0,062W
4717	4822 051 30123	12K00 5% 0,062W
4718	4822 051 30123	12K00 5% 0,062W
4719	4822 117 12139	22R 5% 0,062W
4720	4822 051 30123	12K00 5% 0,062W
4721	4822 051 30123	12K00 5% 0,062W
4722	4822 117 12139	22R 5% 0,062W
4724	4822 051 30154	150K00 5% 0,062W
4760	4822 051 30332	3K30 5% 0,062W
4761	4822 117 12139	22R 5% 0,062W
4762	4822 051 30109	10R00 5% 0,062W
4764	4822 051 30101	100R00 5% 0,062W
4766	4822 051 30101	100R00 5% 0,062W
4767	4822 117 12139	22R 5% 0,062W
4768	4822 117 12139	22R 5% 0,062W
4769	4822 051 30109	10R00 5% 0,062W
4770	4822 117 12139	22R 5% 0,062W
4771	4822 051 30332	3K30 5% 0,062W
4772	4822 051 30332	3K30 5% 0,062W
4773	4822 117 12139	22R 5% 0,062W
4774	4822 051 30109	10R00 5% 0,062W
4776	4822 051 30101	100R00 5% 0,062W
4778	4822 051 30101	100R00 5% 0,062W
4779	4822 117 12139	22R 5% 0,062W
4780	4822 117 12139	22R 5% 0,062W
4781	4822 051 30109	10R00 5% 0,062W
4782	4822 117 12139	22R 5% 0,062W
4783	4822 051 30332	3K30 5% 0,062W
4784	4822 051 30332	3K30 5% 0,062W
4785	4822 117 12139	22R 5% 0,062W
4786	4822 051 30109	10R00 5% 0,062W
4788	4822 051 30101	100R00 5% 0,062W
4790	4822 051 30101	100R00 5% 0,062W
4791	4822 117 12139	22R 5% 0,062W
4792	4822 117 12139	22R 5% 0,062W
4793	4822 051 30109	10R00 5% 0,062W
4794	4822 117 12139	22R 5% 0,062W
4795	4822 051 30332	3K30 5% 0,062W
4796	4822 051 30332	3K30 5% 0,062W
4797	4822 117 12139	22R 5% 0,062W
4798	4822 051 30109	10R00 5% 0,062W
4800	4822 051 30101	100R00 5% 0,062W
4802	4822 051 30101	100R00 5% 0,062W
4803	4822 117 12139	22R 5% 0,062W
4804	4822 117 12139	22R 5% 0,062W
4805	4822 051 30109	10R00 5% 0,062W
4806	4822 117 12139	22R 5% 0,062W
4807	4822 051 30332	3K30 5% 0,062W
4808	4822 051 30332	3K30 5% 0,062W
4809	4822 117 12139	22R 5% 0,062W
4810	4822 051 30109	10R00 5% 0,062W
4812	4822 051 30101	100R00 5% 0,062W
4814	4822 051 30101	100R00 5% 0,062W
4815	4822 117 12139	22R 5% 0,062W
4816	4822 117 12139	22R 5% 0,062W
4817	4822 051 30109	10R00 5% 0,062W
4818	4822 117 12139	22R 5% 0,062W
4819	4822 051 30332	3K30 5% 0,062W
4820	4822 051 30332	3K30 5% 0,062W
4821	4822 117 12139	22R 5% 0,062W
4822	4822 051 30109	10R00 5% 0,062W
4824	4822 051 30101	100R00 5% 0,062W
4826	4822 051 30101	100R00 5% 0,062W
4827	4822 117 12139	22R 5% 0,062W
4828	4822 117 12139	22R 5% 0,062W
4829	4822 051 30109	10R00 5% 0,062W
4830	4822 117 12139	22R 5% 0,062W
4831	4822 051 30332	3K30 5% 0,062W
4832	4822 051 30332	3K30 5% 0,062W
4833	4822 117 12139	22R 5% 0,062W
4834	4822 051 30109	10R00 5% 0,062W
4836	4822 051 30101	100R00 5% 0,062W
4838	4822 051 30101	100R00 5% 0,062W
4839	4822 117 12139	22R 5% 0,062W
4840	4822 117 12139	22R 5% 0,062W
4841	4822 051 30109	10R00 5% 0,062W
4842	4822 117 12139	22R 5% 0,062W
4843	4822 051 30332	3K30 5% 0,062W
4844	4822 051 30332	3K30 5% 0,062W
4845	4822 117 12139	22R 5% 0,062W
4846	4822 051 30109	10R00 5% 0,062W
4848	4822 051 30101	100R00 5% 0,062W
4850	4822 051 30101	100R00 5% 0,062W
4851	4822 117 12139	22R 5% 0,062W
4852	4822 117 12139	22R 5% 0,062W
4853	4822 051 30109	10R00 5% 0,062W
4854	4822 117 12139	22R 5% 0,062W
4855	4822 051 30332	3K30 5% 0,062W
4856	4822 051 30332	3K30 5% 0,062W
4857	4822 117 12139	22R 5% 0,062W
4858	4822 051 30109	10R00 5% 0,062W
4860	4822 051 30101	100R00 5% 0,062W
4862	4822 051 30101	100R00 5% 0,062W
4863	4822 117 12139	22R 5% 0,062W
4864	4822 117 12139	22R 5% 0,062W
4865	4822 051 30109	10R00 5% 0,062W
4866	4822 117 12139	22R 5% 0,062W
4867	4822 051 30332	3K30 5% 0,062W
4868	4822 051 30332	3K30 5% 0,062W
4869	4822 117 12139	22R 5% 0,062W
4870	4822 051 30109	10R00 5% 0,062W
4872	4822 051 30101	100R00 5% 0,062W
4874	4822 051 30101	100R00 5% 0,062W
4875	4822 117 12139	22R 5% 0,062W
4876	4822 117 12139	22R 5% 0,062W
4877	4822 051 30109	10R00 5% 0,062W
4878	4822 117 12139	22R 5% 0,062W
4879	4822 051 30332	3K30 5% 0,062W
4880	4822 051 30332	3K30 5% 0,062W
4881	4822 117 12139	22R 5% 0,062W
4882	4822 051 30109	10R00 5% 0,062W
4884	4822 051 30101	100R00 5% 0,062W
4886	4822 051 30101	100R00 5% 0,062W
4887	4822 117 12139	22R 5% 0,062W
4888	4822 117 12139	22R 5% 0,062W
4889	4822 051 30109	10R00 5% 0,062W
4890	4822 117 12139	22R 5% 0,062W
4891	4822 051 30332	3K30 5% 0,062W
4892	4822 051 30332	3K30 5% 0,062W
4893	4822 117 12139	22R 5% 0,062W

4894	4822 051 30109	10R00 5% 0,062W
4896	4822 051 30101	100R00 5% 0,062W
4898	4822 051 30101	100R00 5% 0,062W
4899	4822 117 12139	22R 5% 0,062W
4900	4822 117 12139	22R 5% 0,062W
4901	4822 051 30109	10R00 5% 0,062W
4902	4822 117 12139	22R 5% 0,062W
4903	4822 051 30332	3K30 5% 0,062W
4904	4822 051 30103	10K00 5% 0,062W
4905	4822 117 11449	2K2 1% 0,1W
4906	4822 051 30105	1M00 5% 0,062W
4907	4822 051 30105	1M00 5% 0,062W
4908	4822 051 30103	10K00 5% 0,062W
4909	4822 117 11449	2K2 1% 0,1W
4910	4822 051 30105	1M00 5% 0,062W
4911	4822 051 30105	1M00 5% 0,062W
4912	4822 051 30103	10K00 5% 0,062W
4913	4822 117 11449	2K2 1% 0,1W
4914	4822 051 30105	1M00 5% 0,062W
4915	4822 051 30105	1M00 5% 0,062W
4916	4822 051 30103	10K00 5% 0,062W
4917	4822 117 11449	2K2 1% 0,1W
4918	4822 051 30105	1M00 5% 0,062W
4919	4822 051 30105	1M00 5% 0,062W
4920	4822 051 30103	10K00 5% 0,062W
4921	4822 117 11449	2K2 1% 0,1W
4922	4822 051 30105	1M00 5% 0,062W
4923	4822 051 30105	1M00 5% 0,062W
4924	4822 051 30103	10K00 5% 0,062W
4925	4822 117 11449	2K2 1% 0,1W
4926	4822 051 30105	1M00 5% 0,062W
4927	4822 051 30105	1M00 5% 0,062W
4928	4822 051 30101	100R00 5% 0,062W
4929	4822 051 30101	100R00 5% 0,062W
4930	4822 051 30101	100R00 5% 0,062W
4931	4822 051 30101	100R00 5% 0,062W
4932	4822 051 30101	100R00 5% 0,062W
4933	4822 051 30101	100R00 5% 0,062W
4934	4822 051 30123	12K00 5% 0,062W
4935	4822 051 30123	12K00 5% 0,062W
4936	4822 117 12139	22R 5% 0,062W
4937	4822 051 30123	12K00 5% 0,062W
4938	4822 051 30123	12K00 5% 0,062W
4939	4822 117 12139	22R 5% 0,062W
4940	4822 051 30123	12K00 5% 0,062W
4941	4822 051 30123	12K00 5% 0,062W
4942	4822 117 12139	22R 5% 0,062W
4943	4822 051 30123	12K00 5% 0,062W
4944	4822 051 30123	12K00 5% 0,062W
4945	4822 117 12139	22R 5% 0,062W
4946	4822 051 30123	12K00 5% 0,062W
4947	4822 051 30123	12K00 5% 0,062W
4948	4822 117 12139	22R 5% 0,062W
4949	4822 051 30123	12K00 5% 0,062W
4950	4822 051 30123	12K00 5% 0,062W
4951	4822 117 12139	22R 5% 0,062W

Coils

5001	4822 157 10333	4,7UH/20%)
5002	4822 157 10333	4,7UH/20%)
5003	4822 157 10333	4,7UH/20%)
5004	4822 157 10333	4,7UH/20%)
5005	4822 157 10333	4,7UH/20%)
5006	4822 157 10333	4,7UH/20%)
5007	4822 157 10333	4,7UH/20%)
5008	4822 157 11258	1UH/20%
5009	4822 157 11505	BLM31A601SPT
5010	4822 157 11505	BLM31A601SPT
5011	4822 157 11505	BLM31A601SPT
5017	4822 157 11505	BLM31A601SPT
5019	4822 157 11505	BLM31A601SPT
5037	4822 157 11505	BLM31A601SPT
5039	4822 157 11505	BLM31A601SPT
5053	4822 157 11505	BLM31A601SPT
5055	4822 157 11505	BLM31A601SPT
5080	4822 157 11506	BLM21A121SPT
5082	4822 157 11506	BLM21A121SPT
5083	4822 157 11505	BLM31A601SPT
5084	4822 157 11506	BLM21A121SPT
5086	4822 157 11506	BLM21A121SPT
5092	4822 157 11505	BLM31A601SPT
5094	4822 157 11505	BLM31A601SPT
5095	4822 157 11505	BLM31A601SPT
5096	4822 157 11505	BLM31A601SPT
5100	4822 157 11505	BLM31A601SPT
5102	4822 157 11506	BLM21A121SPT
5112	4822 157 11506	BLM21A121SPT
5115	4822 157 11506	BLM21A121SPT
5124	4822 157 11506	BLM21A121SPT
5126	4822 157 11506	BLM21A121SPT
5128	4822 157 11506	BLM21A121SPT
5129	4822 157 11506	BLM21A121SPT
5136	4822 157 11506	BLM21A121SPT
5144	4822 157 11506	BLM21A121SPT
5176	4822 157 11505	BLM31A601SPT
5200	4822 157 11505	BLM31A601SPT
5201	4822 157 11505	BLM31A601SPT
5202	4822 157 11505	BLM31A601SPT
5208	4822 157 11505	BLM31A601SPT
5220	4822 157 11505	BLM31A601SPT
5221	4822 157 11505	BLM31A601SPT
5222	4822 157 11505	BLM31A601SPT
5228	4822 157 11505	BLM31A601SPT
5230	4822 157 11505	BLM31A601SPT
5235	4822 157 11505	BLM31A601SPT
5240	4822 157 11505	BLM31A601SPT
5250	4822 157 11506	BLM21A121SPT
5251	4822 157 11505	BLM31A601SPT
5252	4822 157 11506	BLM21A121SPT
5253	4822 157 11506	BLM21A121SPT
5254	4822 157 11505	BLM31A601SPT
5256	4822 157 11505	BLM31A601SPT
5258	4822 157 11505	BLM31A601SPT
5260	4822 157 11506	BLM21A121SPT
5261	4822 157 11505	BLM31A601SPT
5265	4822 157 11505	BLM31A601SPT
5266	4822 157 11505	BLM31A601SPT
5267	4822 157 11505	BLM31A601SPT
5268	4822 157 11505	BLM31A601SPT
5269	4822 157 11505	BLM31A601SPT
5275	4822 157 11505	BLM31A601SPT
5277	4822 157 11505	BLM31A601SPT
5278	4822 157 11505	BLM31A601SPT
5279	4822 157 11505	BLM31A601SPT
5325	4822 157 11505	BLM31A601SPT
5326	4822 157 11505	BLM31A601SPT
5327	4822 157 11505	BLM31A601SPT
5328	4822 157 11505	BLM31A601SPT

5329	4822 157 11505	BLM31A601SPT
5330	4822 157 11505	BLM31A601SPT
5331	4822 157 11505	BLM31A601SPT
5332	4822 157 11505	BLM31A601SPT
5333	4822 157 11505	BLM31A601SPT
5334	4822 157 11505	BLM31A601SPT
5335	4822 157 11505	BLM31A601SPT
5336	4822 157 11505	BLM31A601SPT
5337	4822 157 11505	BLM31A601SPT
5338	4822 157 11505	BLM31A601SPT
5339	4822 157 11505	BLM31A601SPT
5340	4822 157 11505	BLM31A601SPT
5341	4822 157 11505	BLM31A601SPT
5342	4822 157 11505	BLM31A601SPT
5344	4822 157 11505	BLM31A601SPT
5346	4822 157 11506	BLM21A121SPT
5347	4822 157 11506	BLM21A121SPT
5348	4822 157 11506	BLM21A121SPT
5349	4822 157 11506	BLM21A121SPT
5350	4822 157 11506	BLM21A121SPT
5351	4822 157 11506	BLM21A121SPT
5352	4822 157 11506	BLM21A121SPT
5353	4822 157 11506	BLM21A121SPT
5471	4822 157 11506	BLM21A121SPT
5550	4822 157 11505	BLM31A601SPT
5551	4822 157 11505	BLM31A601SPT
5552	4822 157 11505	BLM31A601SPT
5553	4822 157 11505	BLM31A601SPT
5554	4822 157 11505	BLM31A601SPT
5555	4822 157 11505	BLM31A601SPT
5556	4822 157 11505	BLM31A601SPT
5557	4822 157 11505	BLM31A601SPT
5558	4822 157 11505	BLM31A601SPT
5559	4822 157 11505	BLM31A601SPT
5560	4822 157 11505	BLM31A601SPT
5561	4822 157 11505	BLM31A601SPT
5562	4822 157 11505	BLM31A601SPT
5563	4822 157 11505	BLM31A601SPT
5564	4822 157 11505	BLM31A601SPT
5565	4822 157 11505	BLM31A601SPT
5566	4822 157 11505	BLM31A601SPT
5567	4822 157 11506	BLM21A121SPT
5568	4822 157 11506	BLM21A121SPT
5569	4822 157 11506	BLM21A121SPT
5570	4822 157 11506	BLM21A121SPT
5571	4822 157 11506	BLM21A121SPT
5572	4822 157 11506	BLM21A121SPT
5573	4822 157 11506	BLM21A121SPT
5574	4822 157 11506	BLM21A121SPT
5773	4822 157 11505	BLM31A601SPT
5775	4822 157 11505	BLM31A601SPT
5776	4822 157 11505	BLM31A601SPT
5777	4822 157 11505	BLM31A601SPT
5778	4822 157 11505	BLM31A601SPT
5779	4822 157 11505	BLM31A601SPT
5780	4822 157 11505	BLM31A601SPT
5781	4822 157 11505	BLM31A601SPT
5782	4822 157 11505	BLM31A601SPT
5783	4822 157 11505	BLM31A601SPT
5784	4822 157 11505	BLM31A601SPT
5785	4822 157 11505	BLM31A601SPT
5786	4822 157 11505	BLM31A601SPT
5787	4822 157 11505	BLM31A601SPT
5788	4822 157 11505	BLM31A601SPT
5789	4822 157 11505	BLM31A601SPT
5790	4822 157 11505	BLM31A601SPT
5791	4822 157 11505	BLM31A601SPT
5792	4822 157 11506	BLM21A121SPT
5793	4822 157 11506	BLM21A121SPT
5794	4822 157 11506	BLM21A121SPT
5795	4822 157 11506	BLM21A121SPT
5796	4822 157 11506	BLM21A121SPT
5797	4822 157 11506	BLM21A121SPT
5798	4822 157 11506	BLM21A121SPT
5799	4822 157 11506	BLM21A121SPT

Diodes

6002	5322 130 80406	BZX84-C6V8
6015	4822 130 11411	BZX284-C3V3
6016	4822 130 82129	BZX84-C2V7
6024	5322 130 30691	BAW56
6028	4822 130 33698	BZX84-C10
6035	4822 130 11411	BZX284-C3V3
6036	4822 130 82129	BZX84-C2V7
6043	4822 130 33698	BZX84-C10
6049	5322 130 31928	BAS16
6051	4822 130 11411	BZX284-C3V3
6052	4822 130 82129	BZX84-C2V7
6059	4822 130 33698	BZX84-C10
6130	5322 130 31928	BAS16
6132	5322 130 31928	BAS16
6133	5322 130 31928	BAS16
6134	5322 130 31928	BAS16
6135	5322 130 31928	BAS16
6180	4822 130 11411	BZX284-C3V3
6181	5322 130 31928	BAS16
6201	5322 130 31928	BAS16
6202	5322 130 31928	BAS16
6203	5322 130 31928	BAS16
6204	5322 130 31928	BAS16
6205	5322 130 31928	BAS16
6210	5322 130 31928	BAS16
6221	5322 130 31928	BAS16
6222	5322 130 31928	BAS16
6223	5322 130 31928	BAS16
6224	5322 130 31928	BAS16
6225	5322 130 31928	BAS16
6270	5322 130 31928	BAS16
6271	5322 130 31928	BAS16
6272	5322 130 31928	BAS16
6273	5322 130 31928	BAS16
6275	4822 130 82129	BZX84-C2V7
6282	5322 130 31928	BAS16
6284	5322 130 31928	BAS16
6285	5322 130 31928	BAS16
6286	5322 130 31928	BAS16
6287	5322 130 31928	BAS16
6288	5322 130 31928	BAS16
6290	5322 130 31928	BAS16
6295	5322 130 31928	BAS16
6297	5322 130 31928	BAS16
6299	5322 130 31928	BAS16
6346	4822 130 80622	BAT54
6347	4822 130 80622	BAT54
6348	4822 130 80622	BAT54
6349	4822 130 80622	BAT54
6350	4822 130 80622	BAT54

6351	4822 130 80622	BAT54
6352	4822 130 80622	BAT54
6353	4822 130 80622	BAT54
6567	4822 130 80622	BAT54
6568	4822 130 80622	BAT54
6569	4822 130 80622	BAT54
6570	4822 130 80622	BAT54
6571	4822 130 80622	BAT54
6572	4822 130 80622	BAT54
6573	4822 130 80622	BAT54
6574	4822 130 80622	BAT54
6792	4822 130 80622	BAT54
6793	4822 130 80622	BAT54
6794	4822 130 80622	BAT54
6795	4822 130 80622	BAT54
6796	4822 130 80622	BAT54
6797	4822 130 80622	BAT54
6798	4822 130 80622	BAT54
6799	4822 130 80622	BAT54

Transistors & Integrated Circuits

7001	5322 130 42136	BC848C
7002	5322 130 42136	BC848C
7003	4822 130 42513	BC858C
7004	4822 130 42513	BC858C
7005	4822 130 42513	BC858C
7006	5322 130 42136	BC848C
7007	4822 130 42131	BF550
7008	4822 130 42131	BF550
7009	5322 130 42136	BC848C
7010	5322 130 42136	BC848C
7011	4822 130 42513	BC858C
7012	4822 130 60887	BF840
7013	4822 130 60887	BF840
7014	5322 130 42136	BC848C
7015	4822 130 42131	BF550
7016	4822 130 42131	BF550
7017	5322 130 42136	BC848C
7018	5322 130 42136	BC848C
7019	4822 130 42513	BC858C
7020	4822 130 60887	BF840
7021	4822 130 60887	BF840
7022	5322 130 42136	BC848C
7023	4822 130 42131	BF550
7024	5322 130 42136	BC848C
7025	4822 130 42131	BF550
7026	5322 130 42136	BC848C
7027	5322 130 42136	BC848C
7028	4822 130 42513	BC858C
7029	4822 130 60887	BF840
7030	4822 130 60887	BF840
7031	4822 130 11361	CA3127M
7032	4822 130 11361	CA3127M
7033	4822 130 11361	CA3127M
7034	4822 209 63447	MC1496D
7035	4822 209 63447	MC1496D
7036	4822 209 63447	MC1496D
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7822	4822 130 11166	HN1B01FGR
7823	4822 130 11166	HN1B01FGR
7825	5322 130 60599	BSD22
7827	4822 130 11166	HN1B01FGR
7828	4822 130 11166	HN1B01FGR
7829	5322 130 60599	BSD22
7831	4822 130 11166	HN1B01FGR
7832	4822 130 11166	HN1B01FGR
7833	5322 130 60599	BSD22
7835	4822 130 11166	HN1B01FGR
7836	4822 130 11166	HN1B01FGR
7837	5322 130 60599	BSD22
7839	4822 130 11166	HN1B01FGR
7840	4822 130 11166	HN1B01FGR
7841	5322 130 60599	BSD22
7843	4822 130 11166	HN1B01FGR
7844	4822 130 11166	HN1B01FGR
7845	5322 130 60599	BSD22
7847	4822 130 11166	HN1B01FGR
7848	4822 130 11166	HN1B01FGR
7850	4822 130 42513	BC858C
7851	4822 130 42513	BC858C
7852	5322 130 60599	BSD22
7853	5322 130 60599	BSD22
7854	4822 130 42513	BC858C
7855	4822 130 42513	BC858C
7856	5322 130 60599	BSD22
7857	5322 130 60599	BSD22
7858	4822 130 42513	BC858C
7859	4822 130 42513	BC858C
7860	5322 130 60599	BSD22
7861	5322 130 60599	BSD22
7862	4822 130 42513	BC858C
7863	4822 130 42513	BC858C
7864	5322 130 60599	BSD22
7865	5322 130 60599	BSD22
7866	4822 130 42513	BC858C
7867	4822 130 42513	BC858C
7868	5322 130 60599	BSD22
7869	5322 130 60599	BSD22

7870	4822 130 42513	BC858C
7871	4822 130 42513	BC858C
7872	5322 130 60599	BSD22
7873	5322 130 60599	BSD22
7874	5322 209 14481	HEF4053BT
7875	5322 209 14481	HEF4053BT
7876	4822 130 11166	HN1B01FGR
7877	4822 130 11166	HN1B01FGR
7878	4822 130 11166	HN1B01FGR
7879	4822 130 11166	HN1B01FGR
7880	4822 130 11166	HN1B01FGR
7881	4822 130 11166	HN1B01FGR
7882	4822 130 11166	HN1B01FGR
7883	4822 130 11166	HN1B01FGR
7884	4822 130 11166	HN1B01FGR
7885	4822 130 11166	HN1B01FGR
7886	4822 130 11166	HN1B01FGR
7887	4822 130 11166	HN1B01FGR
7900	5322 130 60599	BSD22
7902	4822 130 11166	HN1B01FGR
7903	4822 130 11166	HN1B01FGR
7904	5322 130 60599	BSD22
7906	4822 130 11166	HN1B01FGR
7907	4822 130 11166	HN1B01FGR
7908	5322 130 60599	BSD22
7910	4822 130 11166	HN1B01FGR
7911	4822 130 11166	HN1B01FGR
7912	5322 130 60599	BSD22
7914	4822 130 11166	HN1B01FGR
7915	4822 130 11166	HN1B01FGR
7916	5322 130 60599	BSD22
7918	4822 130 11166	HN1B01FGR
7919	4822 130 11166	HN1B01FGR
7920	5322 130 60599	BSD22
7922	4822 130 11166	HN1B01FGR
7923	4822 130 11166	HN1B01FGR
7925	5322 130 60599	BSD22
7927	4822 130 11166	HN1B01FGR
7928	4822 130 11166	HN1B01FGR
7929	5322 130 60599	BSD22
7931	4822 130 11166	HN1B01FGR
7932	4822 130 11166	HN1B01FGR
7933	5322 130 60599	BSD22
7935	4822 130 11166	HN1B01FGR
7936	4822 130 11166	HN1B01FGR
7937	5322 130 60599	BSD22
7939	4822 130 11166	HN1B01FGR
7940	4822 130 11166	HN1B01FGR
7941	5322 130 60599	BSD22
7943	4822 130 11166	HN1B01FGR
7944	4822 130 11166	HN1B01FGR
7945	5322 130 60599	BSD22
7947	4822 130 11166	HN1B01FGR
7948	4822 130 11166	HN1B01FGR
7950	4822 130 42513	BC858C
7951	4822 130 42513	BC858C
7952	5322 130 60599	BSD22
7953	5322 130 60599	BSD22
7954	4822 130 42513	BC858C
7955	4822 130 42513	BC858C
7956	5322 130 60599	BSD22
7957	5322 130 60599	BSD22
7958	4822 130 42513	BC858C
7959	4822 130 42513	BC858C
7960	5322 130 60599	BSD22
7961	5322 130 60599	BSD22
7962	4822 130 42513	BC858C
7963	4822 130 42513	BC858C
7964	5322 130 60599	BSD22
7965	5322 130 60599	BSD22
7966	4822 130 42513	BC858C
7967	4822 130 42513	BC858C
7968	5322 130 60599	BSD22
7969	5322 130 60599	BSD22
7970	4822 130 42513	BC858C
7971	4822 130 42513	BC858C
7972	5322 130 60599	BSD22
7973	5322 130 60599	BSD22
7974	5322 209 14481	HEF4053BT
7975	5322 209 14481	HEF4053BT
7976	4822 130 11166	HN1B01FGR
7977	4822 130 11166	HN1B01FGR
7978	4822 130 11166	HN1B01FGR
7979	4822 130 11166	HN1B01FGR
7980	4822 130 11166	HN1B01FGR
7981	4822 130 11166	HN1B01FGR
7982	4822 130 11166	HN1B01FGR
7983	4822 130 11166	HN1B01FGR
7984	4822 130 11166	HN1B01FGR
7985	4822 130 11166	HN1B01FGR
7986	4822 130 11166	HN1B01FGR
7987	4822 130 11166	HN1B01FGR

Measuring pins

9000	4822 404 60717	Test device PCB SM
9001	4822 404 60717	Test device PCB SM
9002	4822 404 60717	Test device PCB SM
9003	4822 404 60717	Test device PCB SM
9004	4822 404 60717	Test device PCB SM
9005	4822 404 60717	Test device PCB SM
9006	4822 404 60717	Test device PCB SM
9007	4822 404 60717	Test device PCB SM
9008	4822 404 60717	Test device PCB SM
9009	4822 404 60717	Test device PCB SM
9010	4822 404 60717	Test device PCB SM
9011	4822 404 60717	Test device PCB SM
9012	4822 404 60717	Test device PCB SM
9013	4822 404 60717	Test device PCB SM
9014	4822 404 60717	Test device PCB SM
9015	4822 404 60717	Test device PCB SM
9036	4822 404 60717	Test device PCB SM
9037	4822 404 60717	Test device PCB SM
9038	4822 404 60717	Test device PCB SM
9040	4822 404 60717	Test device PCB SM
9060	4822 404 60717	Test device PCB SM
9061	4822 404 60717	Test device PCB SM
9101	4822 404 60717	Test device PCB SM
9102	4822 404 60717	Test device PCB SM
9103	4822 404 60717	Test device PCB SM
9104	4822 404 60717	Test device PCB SM
9105	4822 404 60717	Test device PCB SM
9106	4822 404 60717	Test device PCB SM
9107	4822 404 60717	Test device PCB SM
9108	4822 404 60717	Test device PCB SM
9130	4822 404 60717	Test device PCB SM
9180	4822 404 60717	Test device PCB SM
9230	4822 404 60717	Test device PCB SM
9280	4822 404 60717	Test device PCB SM

Capacitors

2310	4822 124 12126	10UF 20% 400V
2311	4822 121 40483	10NF 10% 400V
2313	4822 122 33496	100NF10%X7R 63V
2314	4822 124 40433	47UF20% 25V
2315	4822 122 33496	100NF10%X7R 63V
2320	4822 122 33535	4,7NF20% 400V
2326	4822 124 41716	220UF20% 35V
2327	4822 122 33496	100NF10%X7R 63V
2331	4822 124 81278	820UF 50V
2332	4822 124 81278	820UF 50V
2333	5322 122 32838	82NF10%X7R 63V
2341	4822 124 41716	220UF20% 35V

Resistors

3311	4822 052 11108	1R00 5% 0,5W
3318	4822 051 10008	0R00 5% 0,25W
3327	4822 051 54703	47K00 1% 0,125W
3328	4822 051 54702	4K70 1% 0,125W
3332	4822 051 10689	68R00 2% 0,25W
3333	4822 051 10821	820R00 2% 0,25W
3334	4822 051 10103	10K00 2% 0,25W
3335	4822 051 54701	470R00 1% 0,125W
3336	4822 051 10103	10K00 2% 0,25W

Coils

5310	4822 157 11421	100UH 10% 8X10
5340	4822 146 11043	SM transformer

Diodes

6310	4822 130 11167	S1WB(A)60-4062
6311	4822 130 11168	BZT03-C120
6312	4822 130 42606	BYD33J
6315	4822 130 83557	BAV23S
6325	4822 130 83557	BAV23S
6330	4822 130 81125	MA701A
6331	4822 130 81125	MA701A
6333	4822 209 81397	TL431CLPST
6340	4822 130 83557	BAV23S

Transistors & Integrated Circuits

7313	4822 209 16267	TOP201YAI
7320	4822 130 10025	CNX82A
7326	4822 130 42616	BC818-40