A1 MAINS SUPPLY

Mains
0011
1500
T 4 AL
6502/05
AC
DC
P1
2508
5545
7
4
7518
STP61160FI
G
D
S
P3
12
7520
MC44603AP
P4
Buffer
3
3525
3518
Control
IC
2
3528
6540
6537
4
14
3540
P9
3541
1
2
V_{BAT} Adjust
+95V
10
5570
11
5572
1571
T 1.6 A
P11
6570
+10V / 14V
2571
6420
7420.7421
DISCHARGE
CIRCUIT
50-7225-5D
(for protection)
5550
14
16
6560
6550
P10
2551
V_{BAT}
+95V
5551
+95A
P13
13
2561
15
+14V
+5V
P15
7541
TDA8139
2563
P14
2
9
8
6
4
+8V
2562
P12
RESET 1
STANDBY
AUDIO PANELS C D
2M9
6M11
+10V / 14V
+8V
CONTROL A4
3617
+33V
Tuning voltage
6610
IF & VIDEO A3
3234
5203
5201
+8V A
+8V B
LINE OUTPUT STAGE A2
2 - 5445 (LOT)
6451
+8V C
3430
+8V
3447
SOUND PROCESSING A5
+8V
CONTROL A4
5601
+5V D
33 - 7600
19 - 7600

A2 SYNC - HORZ & VERTICAL DEFL

5445
3470
6470
L 8
+160V
1-0166
2470
E H T (25kV)
Anode CRT
FOCUS
FOCUS GRID
VG2
VG2 GRID
0003
FOCUS
VG2
+13V
2450
3460
8
2-0166
FF
Filement CRT
3-0166
+8V
+95V
+14V
3430
7225-5D
TDA8373/74
37
L 4
3444
7440
L 2
3447
7441
3442
7445
BUT11AX
L 1
40
L 3
3443
HOR
DRIVE
HORZ.
DEFECTION
Protection
INPUTS
50
42
Discharge (from A1)
BCI
7
1
9
10
3
3150
6454
L 11
2452
+5,5V
TUNER A3
4003
3010
9011
+VB
4
3480
6481
7480
L 10
+9V
2480
L 7
5
6480
L 12
3451
6443
+13V
2443
6
3449
6449
-13V
2453
FRAME OUTPUT A2
2 - 7401
4 - 7401

A4

7600 (µp)
Protection
INPUTS
16
+13V
37
VFL
(from 3-7401
vertical output,
see diagram A2)

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