ignorelayers 4

DWG.No. PC0749.DGM

Channel A Input

JS1 T S S2-PC MONOP

VR1 B10K

Channel A Gain

C2 0.22u

R2 6k8

R1 33K

C1 470p

GND

IC1a TL072

R3 330k

C3 100p

R9 2k2

C13 10n

+HT

-15v

-HT

R16 1K2

R15 220R

TR7 MPSA06

TR2 MPSA56

C15 470p

R17 1K8

R28 820R

D2 1N914

D3 1N914

R25 1K8

TR5 TIP29CH

R45 8K2

R27 220R

R44 820R

R24 680R

TR16 MPSA56

C17 470p

R18 1K8

TR10 MPSA06

R41 1K2

R40 220R

TR1 BDV65

R13 10R

D1 1N4007

TR6 BC182

R14 1K

R26 560R

R53 0R33 5W

TR15 BC212

R43 560R

R54 0R33 5W

R42 1K

D7 1N4007

TR14 BDV64

R34 10R

R55 33K

R59 0R33 5W

C22 0.22u

R60 0R33 7W

GND

R58 1K 1W

C19 200u 25V

R57 1K

R56 470R

C23 10u 25V

R61 820R

GND

Channel A Output

JS3 T S S MONOP S2-PC

SW2 - Output Power Mode
Current
Voltage

SW2b

Channel B Input

JS2 T S S2-PC MONOP

VR2 B10K

Channel B Gain

C5 0.22u

R5 6K8

R6 33K

C6 470p

GND

IC1b TL072

R4 330K

C4 100p

R10 2K2

C25 10n

+HT

-15v

-HT -ht

R46 1K2

R47 220R

TR11 MPSA06

TR17 MPSA56

C18 470p

R29 1K8

R35 820R

D6 1N914

D5 1N914

R38 1K8

TR13 TIP29CH

R22 8K2

R30 820R

R39 680R

R36 220R

TR8 MPSA56

C16 470p

R19 1K8

TR9 MPSA06

R20 1K2

R21 220R

TR18 BDV65

R48 10R

D8 1N4007

TR12 BC182

R37 1K

R32 560R

R66 0R33 5W

TR3 BC212

R31 560R

R65 0R33 5W

R23 1K

D4 1N4007

TR4 BDV64

R33 10R

R50 33K

R52 1K 1W

R64 10R 5W

C21 0.22u

R63 0R33 7W

C20 100u 25V

R51 1K

R49 470R

C24 10u 25V

R62 820R

GND

JS4 T S S MONOP S2-PC

Channel B Output

Power Supply

IC1c TL072

+HT

+15v

-15v

-HT

ZD1 15V 5W 1N5352B

ZD2 15V 5W 1N5352B

C9 1000u 16V

C10 1000u 16V

R11 1K 1W

R12 1K 1W

C14 4700u 50V

C11 4700u 50V

C8 10n 63V

C7 10n 63V

BR1 BR102

R7 5K6

LED 3mm RED

C100 100n 250V

C101 100n 250V

R8 10R

C12 220n

EARTH

Chassis Earth

CON1

RD P1

RD P3

BK P2

BK P4

LK2 LINK

LK1 LINK

T353 TXF1

BU

GN

YL

OR

Sec 120v

Sec 120v

CON2

P1

P2 120V

240V

P3 120V

P4

240V-T2A
120V-T4A

FS1

6.3A FS2

6.3A FS3

MAINS INPUT

LEN

SW1
PART No.
IT4100200

PC0759

7	1503	26/03/98	ALL OTHER HOLES =				X = (THROUGH PLATED)							
6	0329	16/03/93	A			E			J			N		
5	0200	02/04/92	B			F			K			P		
ISS	ECO NUMBER	DATE	C			G			L			Q		
			D			H			M			R		

MATERIAL		DIMENSIONS IN	
MATERIAL THICKNESS		TOLERANCE (UNLESS UTHERWISE STATED)	
DRAWN T.F	DATE 03/04/92	MODEL	8008
CHECKED	DATE		
APPROVED	DATE		

Marshall

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DENBIGH ROAD, BLETCHLEY, MILTON KEYNES, MK1 1DQ.
TEL (01908(375411 FAX (01908) 376118

TITLE CCT DIAGRAM

DWG.No PC0749.DGM ISS 7