

ALLEN & HEATH



WARNING – HIGH VOLTAGES

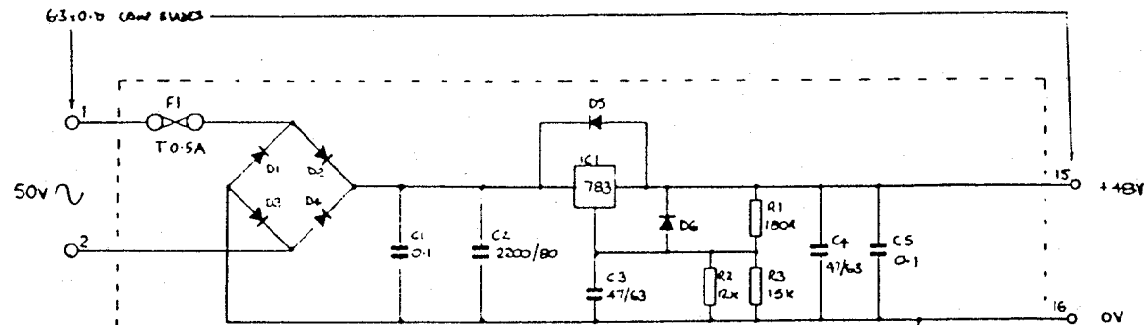
Power Supply Unit (PSU) work should only be carried out by qualified personnel.

We recommend that you use an approved Allen & Heath service centre for all power supply work.

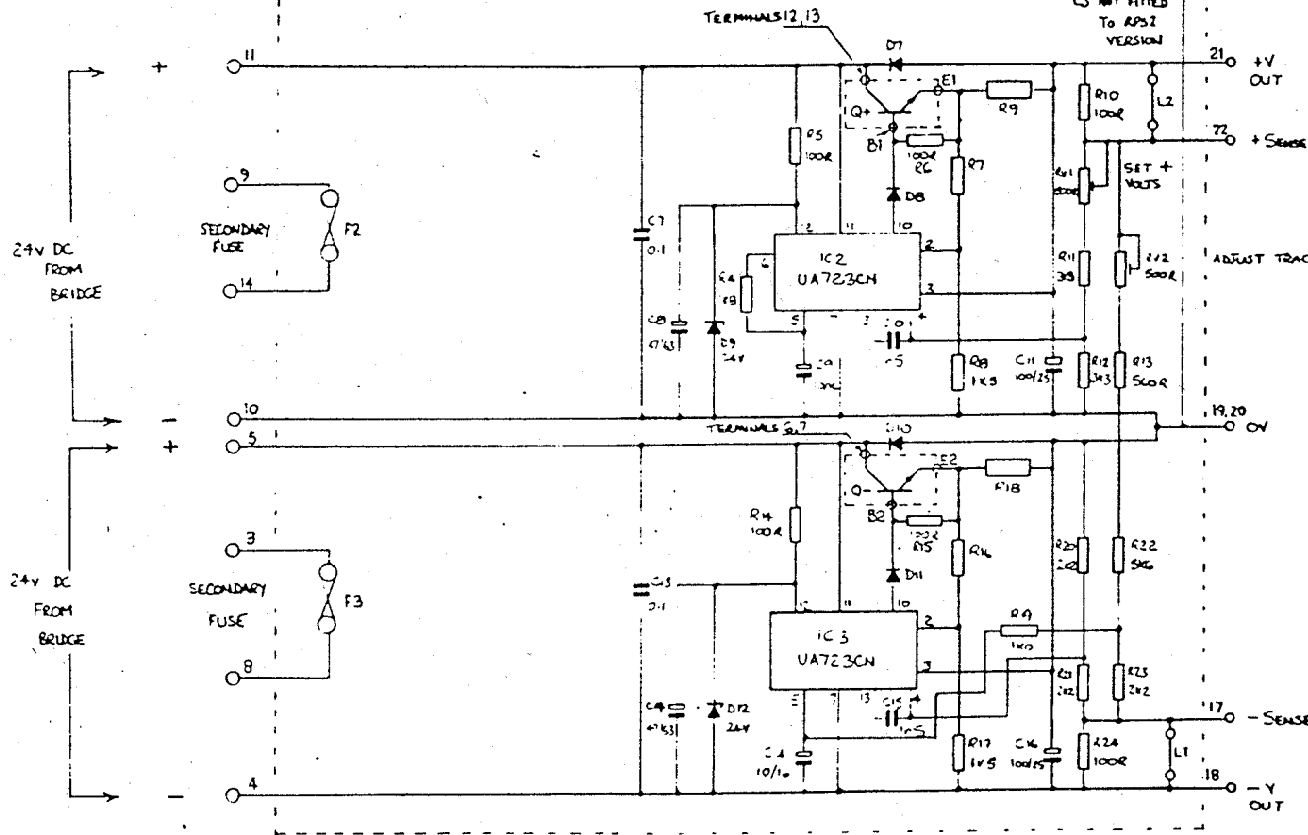
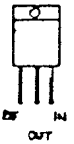
Please contact your local Allen & Heath distributor for more details.

<http://www.allen-heath.com/>

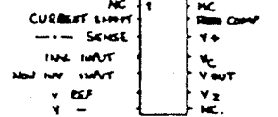
HW 05/01/75(2)



IC1 TL783CKC



IC2,3 UA723CN



ADJUST TRACKING

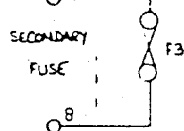
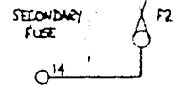
RPS2

ITEM	SA	BA
2.7.17	5AMP	3AMP
CURRENT LIMIT (SC)	2AMP	1AMP
D1-D7	1N4002	1N4002
DIO	1N4002	1N4002
R9, R18	2 x 0.68	1 x 0.68
	IN PARALLEL	
R7, R16	330 R	330 R
F2 F3	T6A	T4A
Q+	Q3,4	Q1
Q-	Q5,6	Q2
	4 x M73001	2 x M73001
D9, D11	LINK	LINK
L1	FIT	FIT
L2	FIT	FIT
L3	OMIT	OMIT

AC INPUT DETAILS
SHOWN ON DWG.
MBD185

24V DC FROM BRIDGE

24V DC FROM BRIDGE



REV	DATE	BY	CHKD	DESCRIPTION
1	15/01/75	MBD	MBD	ISSUE FOR PRODUCTION
2	15/01/75	MBD	MBD	REVISED TO ADD FUSE F3

STANDARD NOTES

ALL DIMENSIONS IN MM
DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION
REMOVE ALL BURRS & SHARP EDGES

SCALE

MATERIAL

TOLERANCES
GENERAL ±0.25 mm
HOLE CENTRES ±0.15 mm
HOLE SIZES ±0.10 mm

FINISH

NOTES

UNIT TITLE PSU PCB
AG0175 ISS 2

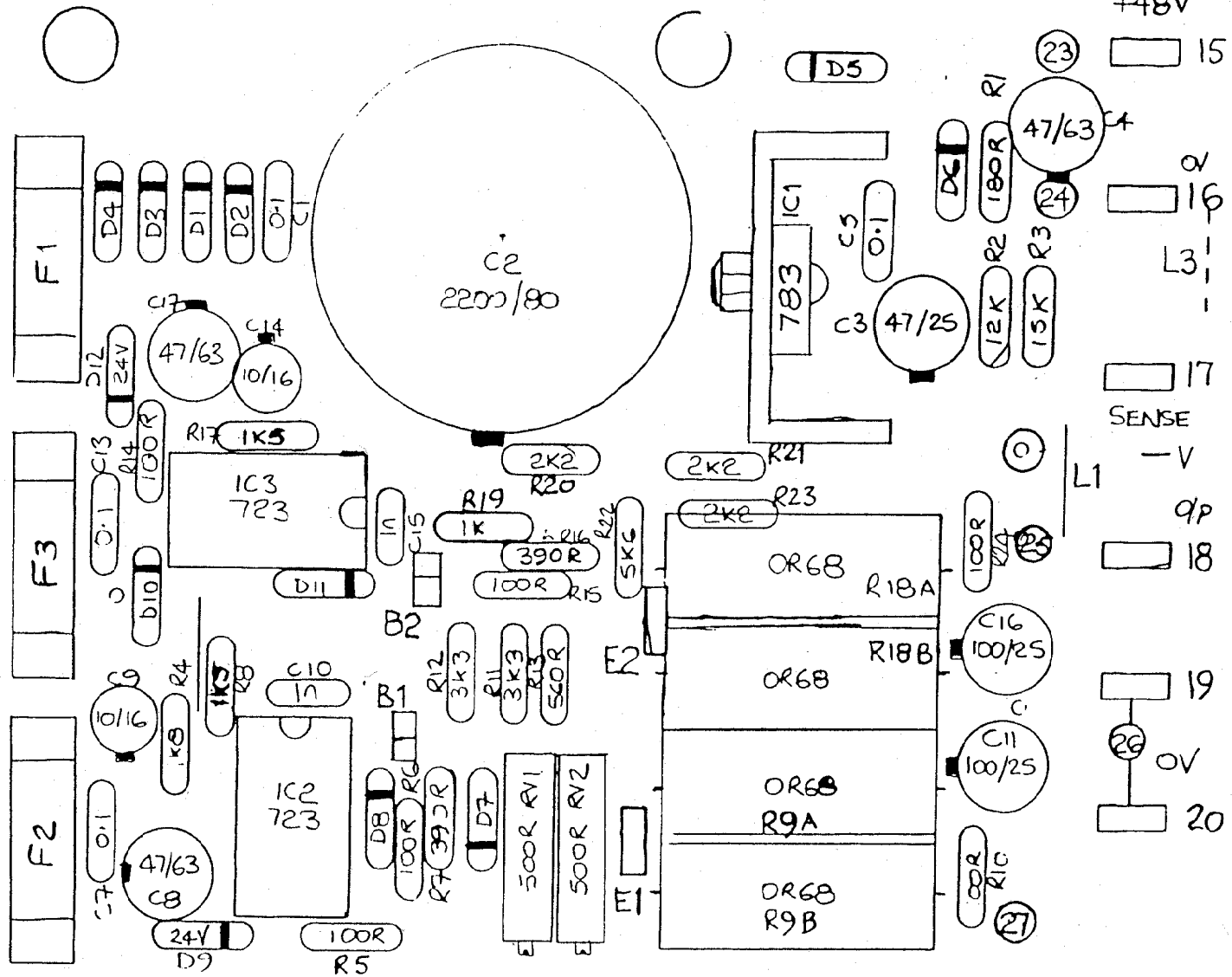
DRAWING TITLE
CIRCUIT DIAGRAM

AHB ALLIANCE HARDWARE
PROFESSIONAL AND SUPPORT
ELECTRONICS

MBD185

PSU PCB

- 1 ~ 50V
- 2
- 3 2
- 4 1
- 5 +
- 6 C
- 7 C
- 8 2
- 9 2
- 10 1
- 11 +
- 12 C
- 13 C
- 14 ~



MBIAHB
 PSU PCB
 AGO175 Iss2
 COMPONENT SIDE

SET + VOLTS
 SET TRACKING
 VALUES APPLY TO RPS2 ASSY.

- +48V
- 15
- 16 0V
- L3
- 17
- SENSE
- V
- 18 0V
- 19
- 20 0V
- 21
- 0V
- L2 +V
- SENSE
- 22