DWG.No. 2203-01-60-02

INPUTS

JS1 HI

JS2 LO

V1 ECC83

V2 ECC83

R7 100K

R8 100K

R44 100K

R14 10K 1W

R15 10K 1W

C25 50uF+50uF 500V

C3 22n

C4 22n

C6 470p

R9 470K

R46 470K

C26 470p

C27 1n

R47 68K

R45 1M

C1 680n

R1 2K7

R2 10K

R10 470K

R11 820R

R12 100K

VR3 A1M

GAIN

R13 33K

C8 470p

VR5 B250K

TREBLE

C9 22n

VR7 A1M

BASS

C10 22n

VR6 B25K

MIDDLE

VR4 A1M

VOLUME

R18 4K7

VR8 B25K

PRESENCE

R21 100K

TO FX

W3

W4

C11 22n

R16 1M

R20 10K

R17 470R

R19 1M

C13 100n

C12 100n

V3 ECC83

C14 22n

R22 82K

C15 47p

R25 100K

C16 22n

R23 220K

R24 220K

C24 50uF+50uF 500V

R26 10K 1W

R27 10K 1W

R34 5K6

V4 EL34

R35 5K6

R38 1K 5W

V5 EL34

R39 1K 5W

R40 1K

V6 EL34

R36 5K6

R41 1K 5W

V7 EL34

R37 5K6

BIAS ADJUST

IMPEDANCE SELECTOR

SW4

JS5

JS6

SPEAKER OUTPUTS

TX2

OUTPUT TRANSFORMER C2668

LEVEL BYPASS RETURN SEND

W4

W3

EFFECTS CARD

PCBP-00119-60-02

+ 30V W1

0V W2

MAINS FUSE: T6.3A 230V T3.15A 110V

VOLTAGE SELECTOR 0033-1134

MAINS TRANSFORMER D2698

SW3 230 220 110

TX1

F1

MAINS

IEC1 L E N

MAINS INPUT MS1A

RED

SW1

MAINS SWITCH
117V = C1353VQNAR VO DP
230V = C1353VQNAQ VO DP

R30 27K

D1 1N4007

R29 15K

C18 10u

R28 47K

C17 10u

VR1 20K

STANDBY C1350VQAAK VO

SW2

X N.C. Y

R31 100R

R32 100R

VR2 100R

HUM BALANCE

H.T. FUSE T1A

F2

D4 D2 D5 D3

TX3

C20 50uF+50uF 500V

C21 50uF+50uF 500V

R48 56K 2W

R49 56K 2W

R42 56K 2W

R43 56K 2W

C22 50uF+50uF 500V

C23 50uF+50uF 500V

R33 10W 47K

W1

| DRAWN | DATE |
|---|---|
| M BALLINGER | 5-3-02 |
| MODEL | |
| 2203-01 | |

| ISS | | |
|---|---|---|
| 5 | 2382 | 29-4-03 |
| 4 | 2292 | 27-1-03 |
| 3 | 2139 | 24-6-02 |
| 2 | 2100 | 28-3-02 |
| ISS | ECO NUMBER | DATE |

Marshall

© MARSHALL AMPLIFICATION PLC

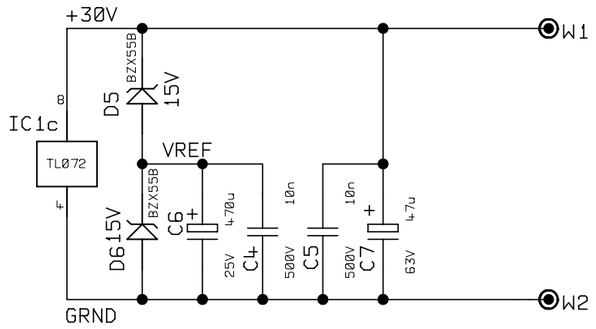
DENBIGH ROAD. BLETCHLEY. MILTON KEYNES. MK1 1DG.

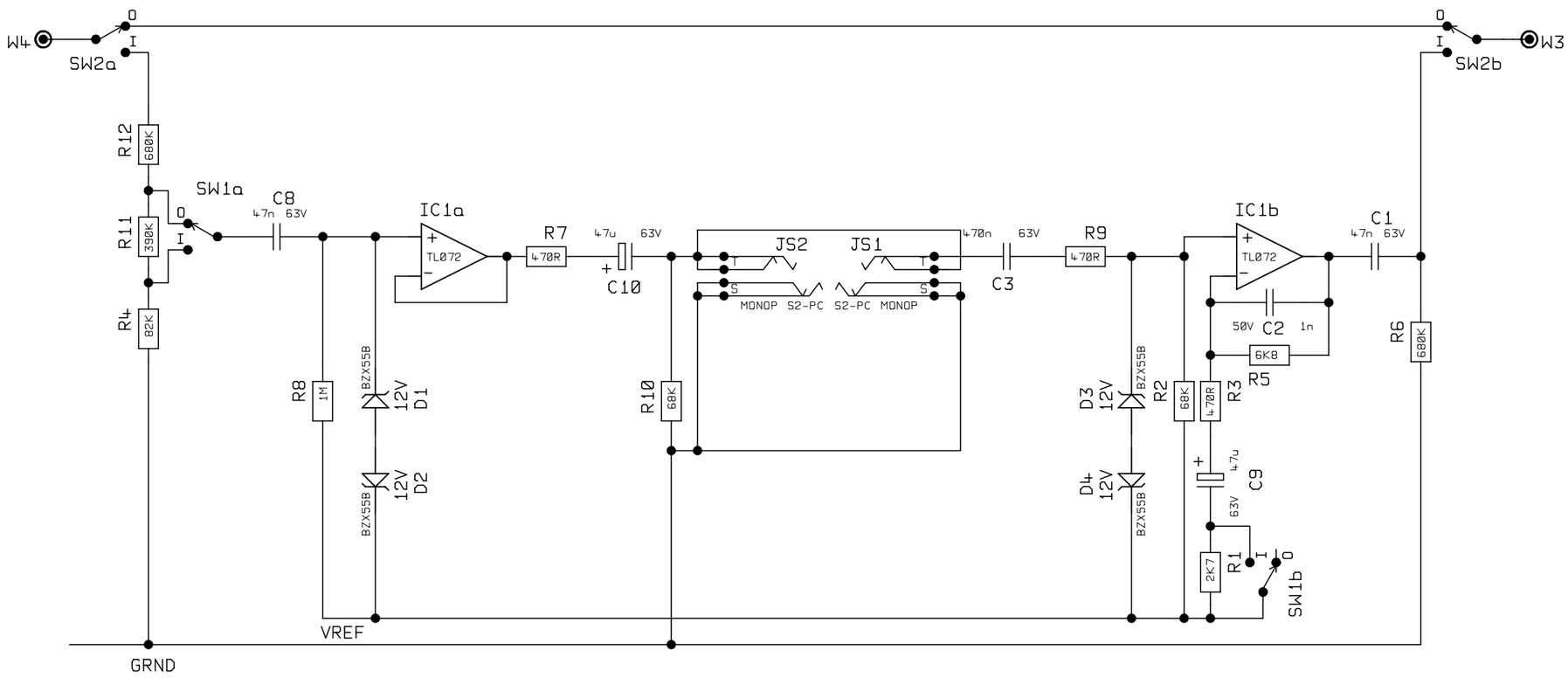
TEL (01908) 375411 FAX (01908) 376118

TITLE CIRCUIT DIAG.

DWG.No 2203-01-60-02 ISS 5

DWG.No. PCBP-00119-60-02




| DRAWN | DATE |
|---|---|
| MODEL 1959-01/1987-01 2203-01/2203ZW | |

| ISS | ECO NUMBER | DATE |
|---|---|---|
| 2 | 2411 | 24-6-03 |

Marshall
© MARSHALL AMPLIFICATION PLC
DENBIGH ROAD, BLETCHLEY, MILTON KEYNES, MK1 1DQ.
TEL (01908) 375411 FAX (01908) 376118

TITLE
EFFECTS LOOP CIRCUIT

DWG.No PCBP-00119-60-02 ISS 2