Ceriatone
18W TMB
Revision 23 Layout

CLIFF Jack Pinout
Bottom View

INPUT 1
INPUT 2
LO
HI
J1
J2
J3
R34 68K
R35 68K
R21 1M
R36 22K
R26 1M
C1 1uF 63V
C2 1uF 63V
R1 820
R2 820
C5 .022uF
V1A 12AX7
V1B 12AX7
V1 Preamp

R3 100K
R8 100K
C6 22uF 450V
R9 2.2K 2W
C7 .01uF
C8 .0047uF
R24 TONE 500K-A
R25 100
R23 100K
VOLUME 500K-A
R22
C3 .01uF
R28
R10 470K
VOLUME 500K-A
V3A 12AX7
V3B 12AX7
R37 100K
R11 820
R13 56K
V3 Cathode Follower

R16 100K
R15 100K
C14 16uF 450V
GND Bus
Chassis GND Star
C13 .01uF
C12 .01uF
V2B 12AX7
V2A 12AX7
R4 470K
R5 820
R6 470K
R7 56K
C4 .022uF
V2 Phase Inverter

C11 500pF
R31 TREBLE 250K-L
R12 33K
C9 .022uF
R33 BASS 1M-A
C10 .01uF
R32 MIDDLE 25K-L
Tone Stack

R18 8.2K 2W
R39 1M-A
Master Volume

PPIMV
R27 1M-A
Optional PPIMV

R14 8.2K
R44 470K
R45 470K
R17 8.2K
V4A EL84
V5A EL84
R20 130 5W
C15 100uF 100V
Power Amplifier

R19 100 2W
R38 1.5K 5W
C32 32uF 32uF
T3
16 OHM Orange
8 OHM Yellow
4 OHM Green
COM Black
PRI 1
PRI 2
B+
SW3
J4
J5
Ceriatone Output Transformer
Speakers

C28 0.047uF 630V
SW2 STANDBY
R46 100K

V6A EZ81
D1 1N4007
D2 1N4007
C29 0.01uF 3KV
T1
290V
0V
290V
6.3V
5V
0V
3.15V
3.15V
H1
H2
SW1
MAIN
F1 2A
J6 IEC
LAMP1 6.3V
Ceriatone Power Transformer
Dedicated Chassis GND

V1C 12AX7
V3C 12AX7
V2C 12AX7
V4B EL84
V5B EL84
HEATER WIRING
F1
F2

Title: CERIATONE 18 WATT TMB
Size: B
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Rev: A3
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