POWER AMPLIFIER PCB

LAST USED
R: 77
C: 34
D: 27 (D1 NOT USED)
IC: 4
LED: 5
VR: 2
Q: 34
XF: —
F: —
FWB: —
(NOT USED: R9,29,30,31,32,33)

POWER SUPPLY PCB

LAST USED
R: 3
C: 7 CY1, CY2
D: 5
IC: 0
LED: 0
VR: 0
Q: 0
L: 0
LDR: 0
XF: 1
F: 5
FWB: 1
(INCLUDES CHASSIS MOUNT PARTS)

REVISION HISTORY:

2/20/01: BEGIN DEVELOPMENT/CONCEPT
01/22/02: CHANGE R37=22K (WAS 15K), R39=22K (WAS 15K), R42=680 (WAS 1K), R18=1.8K (WAS 3.9K)
02/05/02: CORRECT C23 (BUILT CORRECT), CHANGE Q6 TO MPSA29 (WAS 2N3904), ADD R73 (47K)
05/16/02: CHANGES FOR GBE-400 SAMPLE CHASSIS, ADD FUSE INFO, R8=3.3K (WAS 2.7K) DIFFERENT IN GBE-400 ONLY
11/15/02: CHANGE VALUE OF R18 TO 2.2K (WAS 1.8K) TO CALIBRATE TO NEW THERMISTOR SAMPLE
04/24/03: MODIFY LOW VOLTAGE SUPPLY PER CHANGES7 LAYER((ADD 74-R77, ADD D23-D26) ALL ON SUPPLY PCB
04/24/03: CHANGE VALUE OF R66 AND R68 TO 15K (WAS 22K)
04/25/03: CHANGE POSITION OF R75 AND R77
05/19/03: ADD D27 TO CONTROL LEAKAGE OF Q33, RECALIBRATE SETPOINT R18 = 1.2K (WAS 2.2K)
04/29/04: ADD CY1 & CY2 (0.47UF/100V) AS SHOWN TO MEET NEW CE REQUIREMENTS
1/6/06: UPDATE SCHEMATIC

CAD FILE: C:\GBE-400\PWRAMP16.DWG
STD. GRID: 0.100"
IX PLOT SIZE: 24" X 36"
PEN SIZE: 0.012"

TITLE: GENZ BENZ ENCLOSURES
400/600 MONO AMPLIFIER
SCHEMATIC DIAGRAM

DATE DRAWN: 02/20/01 (A.F.)
DATE REVISED: 01/12/06 (A.F.)
DATE CHECKED: 01/12/06 (A.F./S.A.)

GENZ BENZ
7811 EST PIERCE STREET
SCOTTSDALE, AZ 85257
PH: (480) 941-0705
FAX: (480) 946-2412