

87654321

D

C

B

A

DWG. NO.0008229-01SHT1REV:B001

ECO#	REV:	DESCRIPTION	REV. BY:	APP. BY:	DATE
ECOWDN6673	A00	INITIAL RELEASE	EE		2-5-04
ECOWDN6972	B00	REVISED FOR AGENCY COMPLIANCE.	EE		4-7-04

FC1  
FUSE CLIP PCMT 5MM DIA  
400-060-00

FC2  
FUSE CLIP PCMT 5MM DIA  
400-060-00

FC3  
FUSE CLIP PCMT 5MM DIA  
400-060-00

FC4  
FUSE CLIP PCMT 5MM DIA  
400-060-00

SPD1  
410-005-00  
INSL SILPAD TO-220

WSH1  
710-044-00  
WASH SHLDR TO-220 DELRIN

SCW1  
MCH 4-40X3/8 PHP CLRZC  
700-012-00

NUT1  
705-005-00  
NUT LOCK 4-40

POWER SWITCH  
500-016-00

AC VOLTAGE SELECTOR  
90V-135V <-> 216V-264V

DPDT SLIDE SWITCH  
500-089-00

IEC CONNECTOR  
0010101

CABLE ASSY  
0011185

PART OF CHASSIS ASSEMBLY

F1 510-003-00  
250ma 250V

F2 510-003-00  
250ma 250V

T1 0009080

SCW4 0010035  
MCH 5M PHP CLRZC  
XFORMER SCREW

D3 IN4004

D5 IN4004

D4 IN4004

D6 IN4004

C8 .022

C7 .022

C5 2,200UF  
35V

C6 2,200UF  
35V

U1 LM317T

R1 3K3

R2 2K7

R3 130

C1 10UF  
50V

D2 IN4004

U2 LM337T

R4 130

R5 3K3

R6 2K7

C3 10UF  
50V

D8 IN4004

D7 IN4004

C2 47UF  
25V

C4 47UF  
25V

SPD2 410-005-00  
INSL SILPAD TO-220

WSH2 710-044-00  
WASH SHLDR TO-220 DELRIN

SCW2 MCH 4-40X3/8 PHP CLRZC  
700-012-00

NUT2 705-005-00  
NUT LOCK 4-40

PCB1 0008230  
PCB FAB BIG KNOB PWR SUP

HS1 0009496  
HEATSINK BIG KNOB POWER SUPPLY

SCW3 MCH 4-40X3/8 PHP CLRZC  
700-012-00

NUT3 705-005-00  
NUT LOCK 4-40

PR1 D00132  
PCB TEST PROCEDURE

APPROVALS

DATE

DRAWN: EE 4-7-04

CHECKED:

NP ENG:

MATERIAL:

MFG:

MFG ENG:

ISSUED:

MACKIE.

BIG KNOB  
25W POWER SUPPLY

SIZE D SCALE: NONE DWG. NO. 0008229-01 REV. B00

© 2004 LOUD TECHNOLOGIES INC.  
ALL RIGHTS RESERVED  
THE INFORMATION CONTAINED HEREIN  
IS PROPRIETARY AND CONFIDENTIAL  
PROPERTY OF MACKIE DESIGNS INC.

DWG. NO. 0008229-01

SHEET 1 OF 1

87654321

D

C

B

A

MACKIE.

BIG KNOB

©2004 LOUD Technologies Inc. All rights reserved

Power Supply Schematics

PAGE 1