VREF

R3 1M

9V

INPUT_TIP

C3 10n

R2 10k

741_NonInv

3

U1
LM741

6 741_OUT

C6 1u

R8 10k

PRE_VOLUME

2 741_Inv

C1 1n

R7 1M

D3 1N270

D4 1N270

C7 1n

POT1 A10k

2 OUTPUT_TIP

Volume

C4 47n

R6 4k7

GAIN_CTL

POT2 B1M

Gain

Power

D2 On

R1 4k7

Footswitch

PWR_FLAG

DC_SHIELD

D1 1N5817

9V

R4 1M

VREF

C2 47u

R5 1M

C5 1u

GND

Connectors and Controls

NP1
Input

GND

INPUT_TIP

J5 In_G

J1 In

NP2
Output

GND

OUTPUT_TIP

J6 Out_G

J2 Out

NP3
DC Power

GND

DC_SHIELD

J7 —

J3 +

NP4
Footswitch

Footswitch

J4 FS

J8 FS_G

PWR_FLAG