VREF

R3 1M

EFFECT_IN

C3 10n

R2 10k

9V0

741_NonInv

3

U1

2 741_Inv

LM741

6 741_OUT

C6 1u

R8 10k

PRE_VOLUME

C1 1n

4

1 5

R7 1M

D3 1N270

D4 1N270

C7 1n

POT1 A10k

2 EFFECT_OUT

Volume

C4 47n

R6 4k7

GAIN_CTL

POT2 B1M

1

2

3 Gain

Power

PWR_FLAG

9V0

R4 1M

VREF

R5 1M

C5 1u

GND

PWR_FLAG   GND

Connectors

J1

EFFECT_OUT   1

9V0   2

GND   3

EFFECT_IN   4

E2