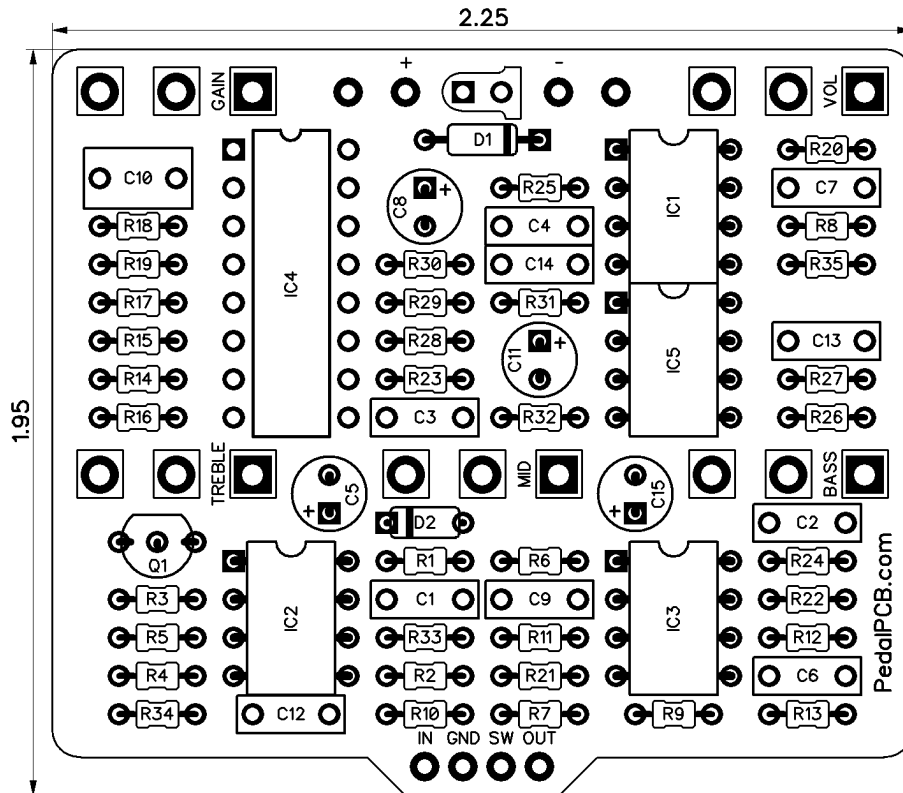


Polyhog

Revision 11.03.17



Resistors

R1	1K
R2	51K
R3	27K
R4	560K
R5	2M2
R6	470
R7	3K3
R8	2M2
R9	10M
R10	10M
R11	1K
R12	100K
R13	150
R14	100K
R15	130K
R16	130K
R17	51K
R18	130K
R19	100K
R20	100K
R21	100K
R22	470
R23	2K7
R24	1K5
R25	39K
R26	10K
R27	10K
R28	100K
R29	130K
R30	82K
R31	15K
R32	6K8
R33	4K7
R34	10K
R35	100K

Capacitors

C1	250pF
C2	33nF
C3	8.2nF
C4	47pF
C5	2.2uF
C6	100nF
C7	220nF
C8	1uF
C9	220nF
C10	330nF
C11	2.2uF
C12	68nF
C13	560pF
C14	180nF
C15	100uF

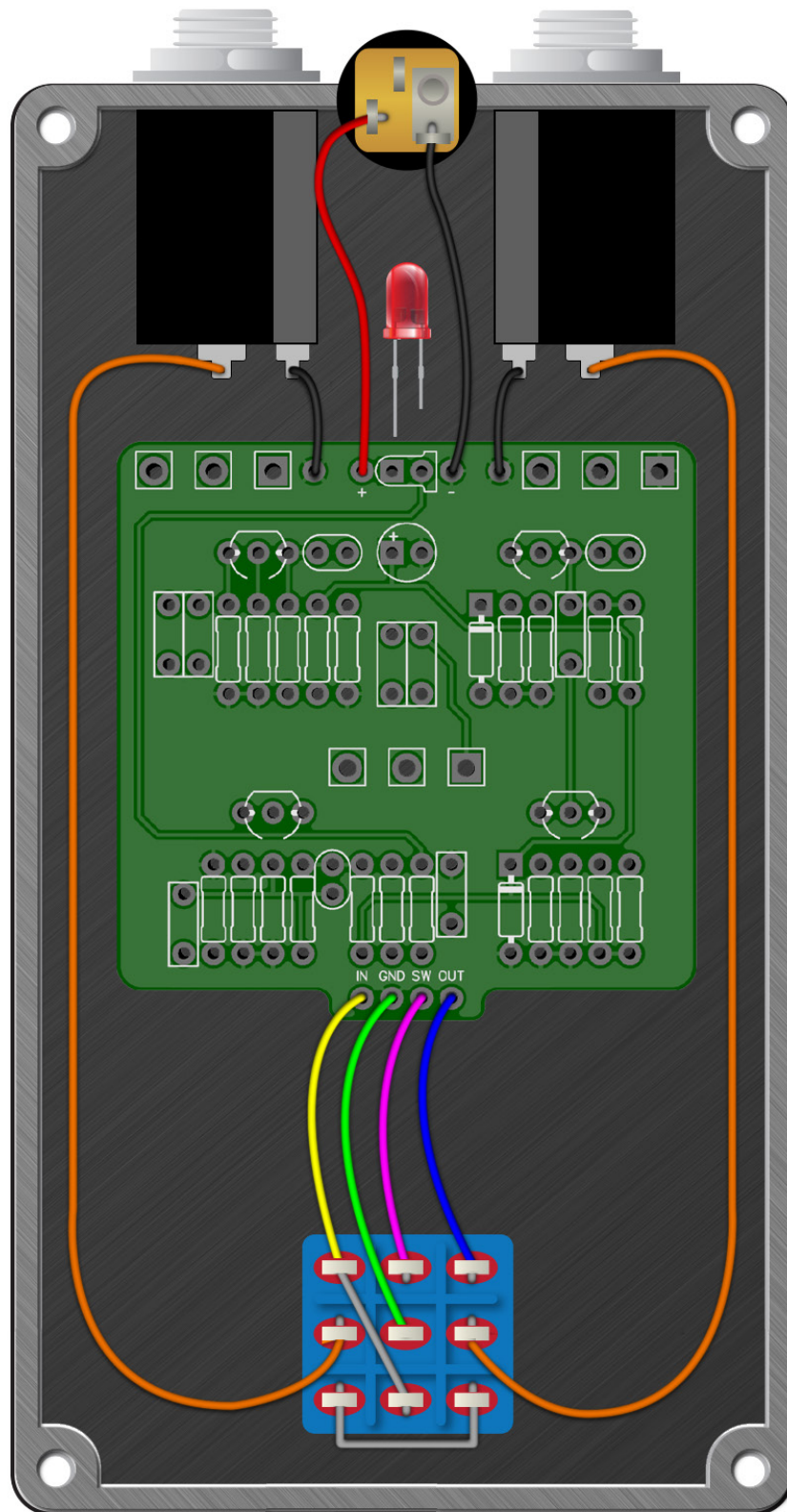
Semiconductors

IC1	RC4558
IC2	TL072
IC3	RC4558
IC4	CD4049
IC5	RC4558
D1	1N5817
D2	1N4739
Q1	J201
LED	3mm

Potentiometers

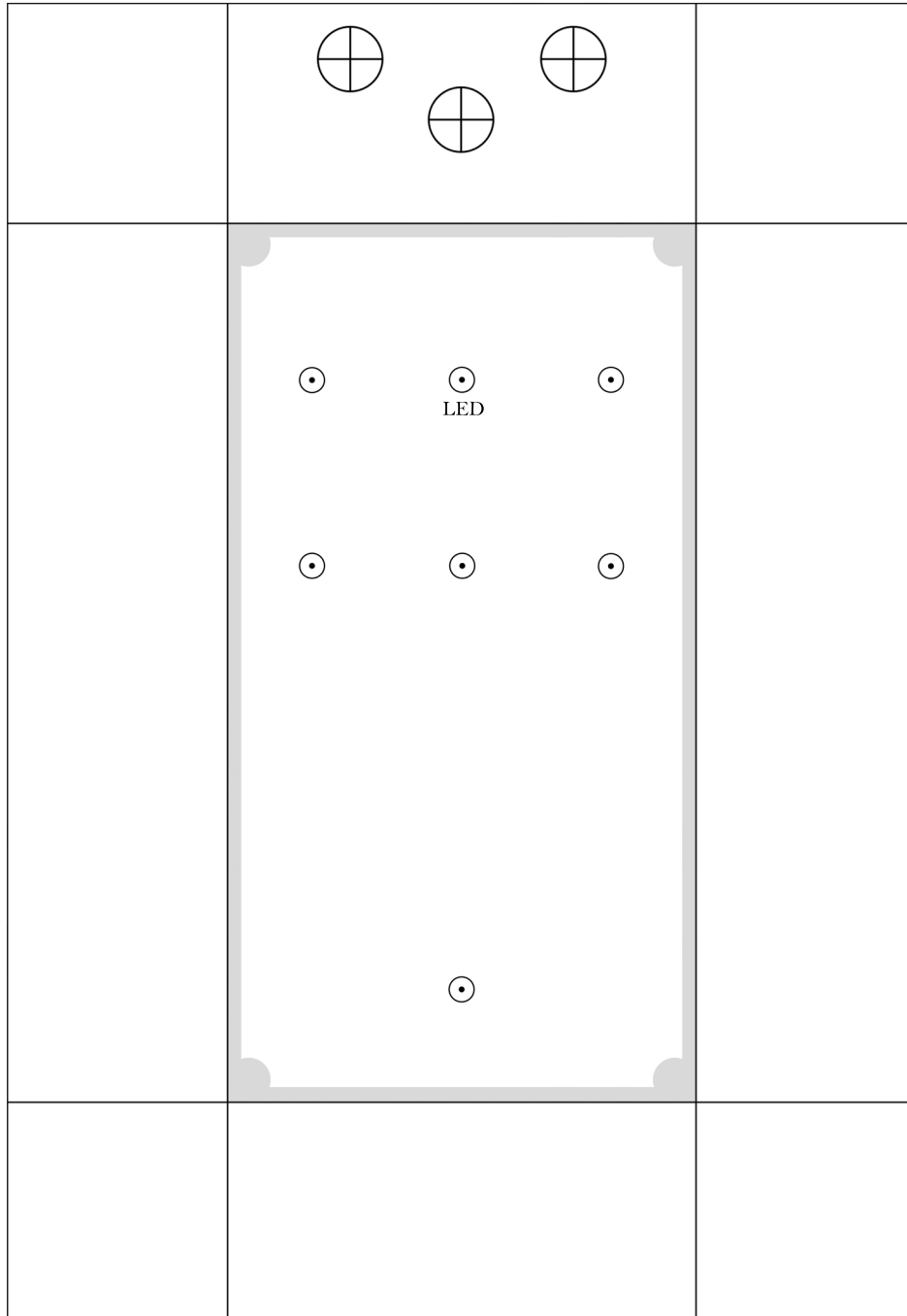
VOL	B100K
GAIN	A1M
TREBLE	B100K
MID	B100K
BASS	B100K

Wiring Diagram



Drill Template

4S125B enclosure with top mounted jacks



Bill of Materials

Resistors (1/8W)

1 x 150
2 x 470
2 x 1K
1 x 1K5
1 x 2K7
1 x 3K3
1 x 4K7
1 x 6K8
3 x 10K
1 x 15K
1 x 27K
1 x 39K
2 x 51K
1 x 82K
7 x 100K
4 x 130K
1 x 560K
2 x 2M2
2 x 10M

Capacitors

1 x 47pF
1 x 250pF
1 x 560pF
1 x 8.2nF
1 x 33nF
1 x 68nF
1 x 100nF
1 x 180nF
2 x 220nF
1 x 330nF
1 x 1uF
2 x 2.2uF
1 x 100uF

Semiconductors

3 x RC4558
1 x TL072
1 x CD4049
1 x J201

1 x 1N5817
1 x 1N4739 (9.1v Zener)

1 x 3mm LED

Potentiometers

4 x B100K
1 x A1M