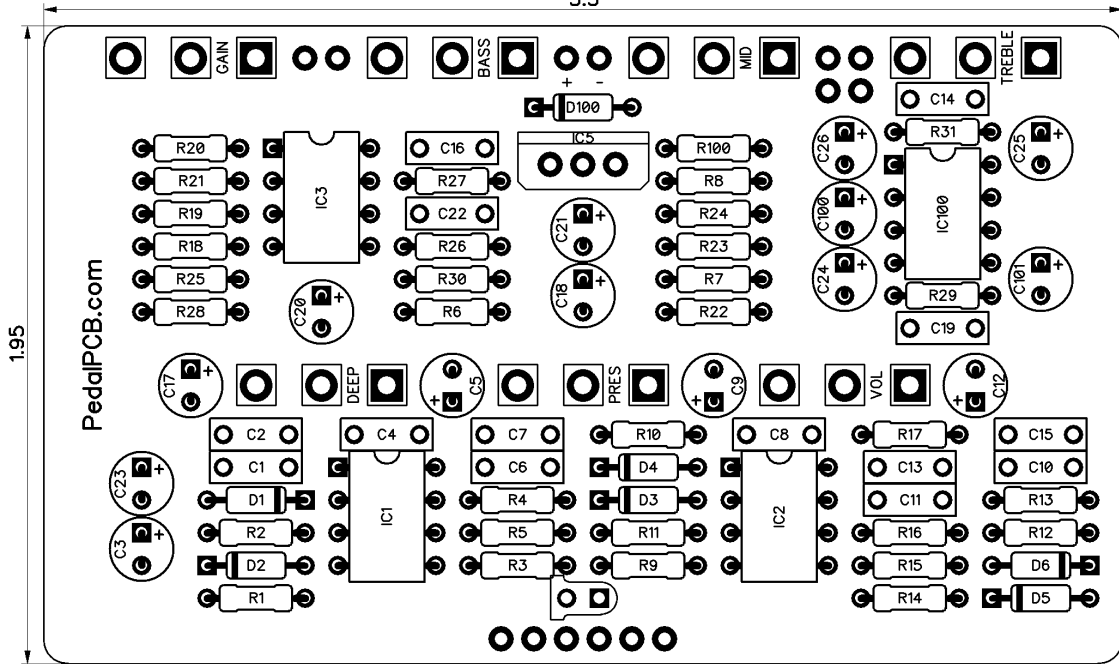


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# Valhalla Distortion

Revision 04.28.18  
3.3



### Resistors (1/4W)

R1	1M	R24	100K
R2	1M	R25	100R
R3	100K	R26	56K
R4	220K	R27	47R
R5	10K	R28	100K
R6	470K	R29	10R
R7	220K	R30	1K
R8	680K	R31	10R
R9	220K	R100	2K2
R10	1M		
R11	10K		
R12	100K		
R13	470K		
R14	220K		
R15	220K		
R16	10K		
R17	39K		
R18	1M5		
R19	100K		
R20	10K		
R21	4K7		
R22	1K		
R23	150K		

### Capacitors

C1	22nF	C24	47uF
C2	100pF	C25	47uF
C3	1uF	C26	47uF
C4	100pF	C100	47uF
C5	1uF	C101	47uF
C6	22nF		
C7	2.2nF		
C8	47pF		
C9	2.2uF		
C10	4.7nF		
C11	100pF		
C12	2.2uF		
C13	560pF		
C14	22nF		
C15	22nF		
C16	1nF		
C17	10uF		
C18	10uF		
C19	2.2nF		
C20	2.2uF		
C21	1uF		
C22	330nF		
C23	1uF		

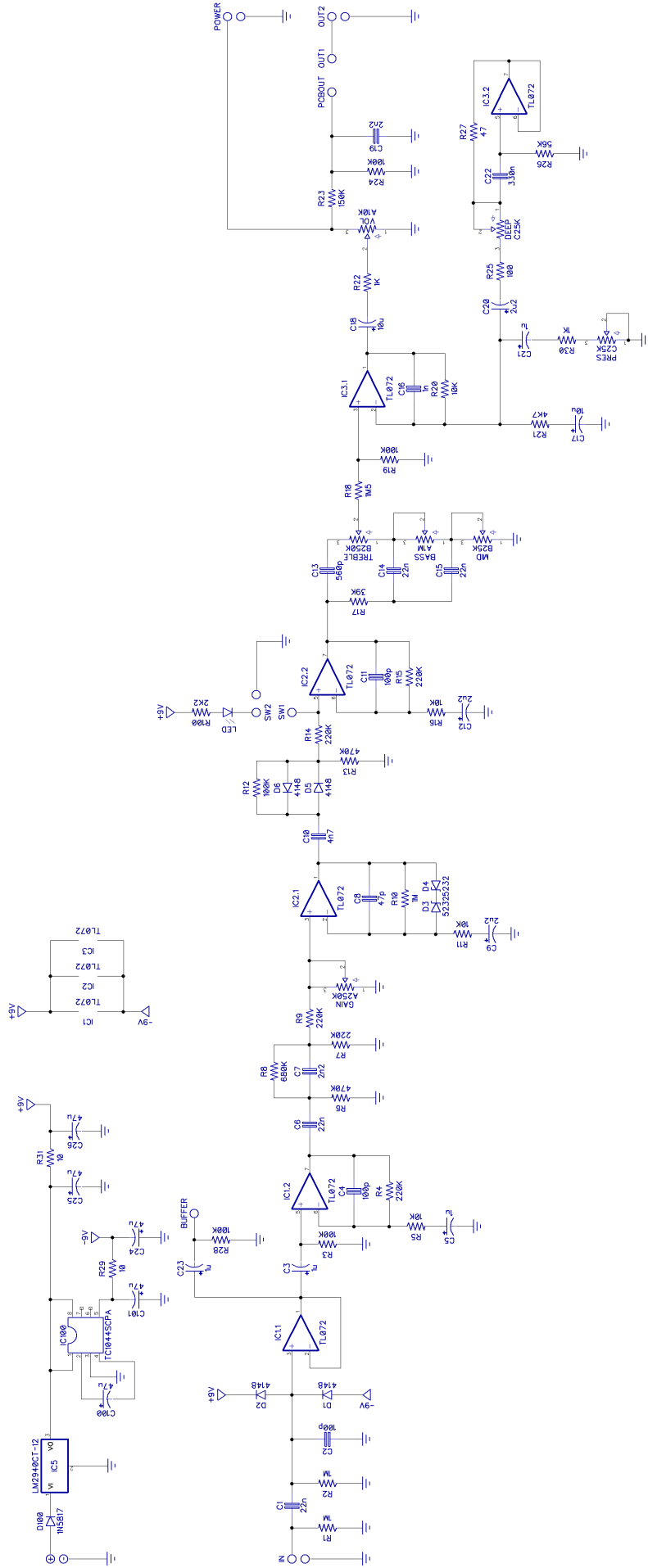
### Semiconductors

IC1	TL072	IC2	TL072
IC3	TL072	IC5	LM2940CT-12
IC100	TC1044SCPA		
D1	1N4148	D2	1N4148
D3	1N5232	D4	1N5232
D5	1N4148	D6	1N4148
D100	1N5817		

### Potentiometers

VOL	A10K
GAIN	A250K
TREBLE	B250K
MID	B25K
BASS	A1M
DEEP	C25K
PRES	C25K

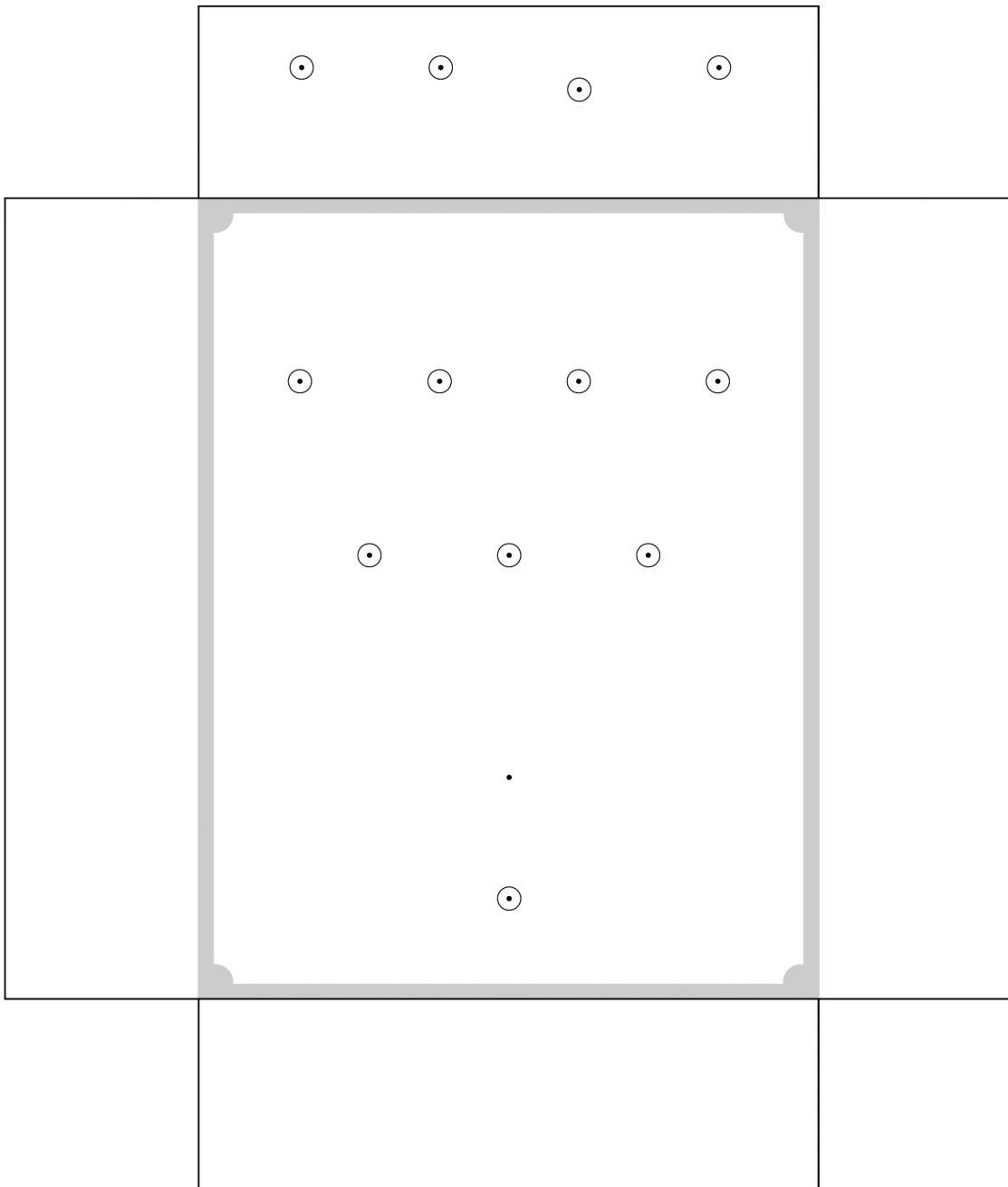
# Valhalla Distortion





# Drill Template

## 1590BB Enclosure



# Drill Template (Alternate)

No Power Amp Output  
1590BB Enclosure

