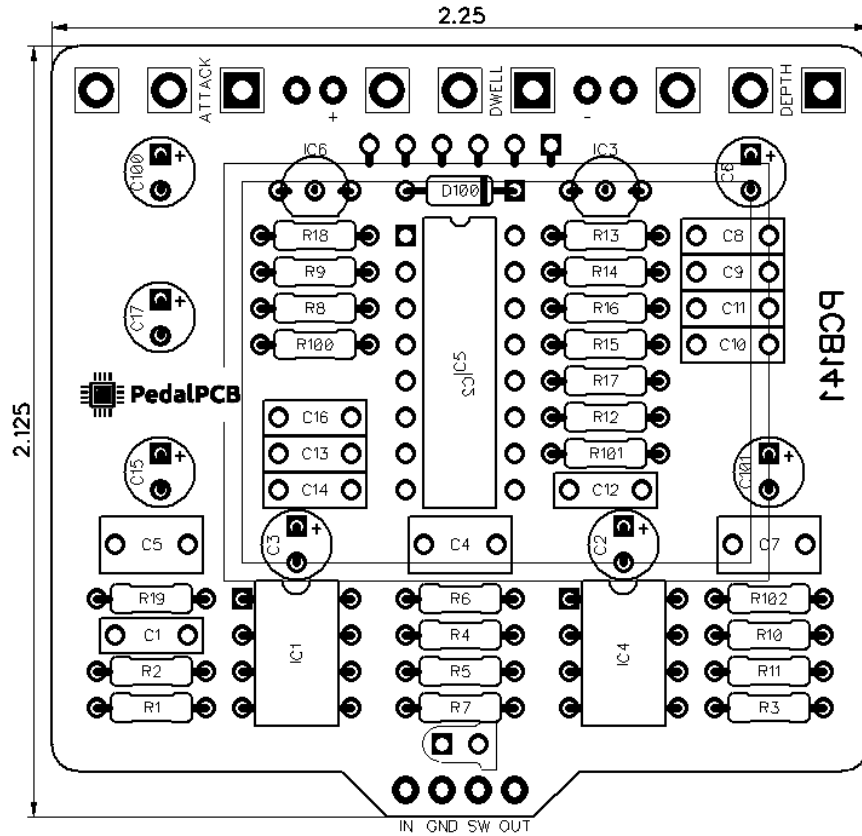# PedalPCB

Spirit Box

Revision 12.18.20

Controls
- **Attack** - Controls the length of pre-delay
- **Dwell** - Adjusts the length of decay
- **Depth** - Mixes the wet signal into the dry signal

PedalPCB

RESISTORS

R1	1M
R2	1M
R3	12K
R4	10K
R5	10K
R6	470R
R7	100K
R8	22K
R9	10K
R10	10K
R11	22K
R12	33K
R13	10K
R14	15K
R15	10K
R16	15K
R17	15K
R18	1K
R19	22K
R100	4K7
R101	10K
R102	10K

CAPACITORS

C1	100n
C2	1u
C3	2u2
C4	470n
C5	470n
C6	10u
C7	470n
C8	1n
C9	2n2
C10	100n
C11	10n
C12	100n
C13	100n
C14	100n
C15	10u
C16	100n
C17	100u
C100	100u
C101	10u

INTEGRATED CIRCUITS

IC1	TL072
IC2	BTDR-2H (Long)
IC3	L78L05
IC4	TL072
IC5	PT2399
IC6	L78L05

DIODES

D100	1N5817

POTENTIOMETERS

ATTACK	B10K
DEPTH	B2K
DWELL	B5K

Common offboard components (enclosure, footswitch, jacks, etc) are not listed

PedalPCB

Spirit Box

3

Spirit Box

Wiring Diagram

IN GND SW OUT

PedalPCB
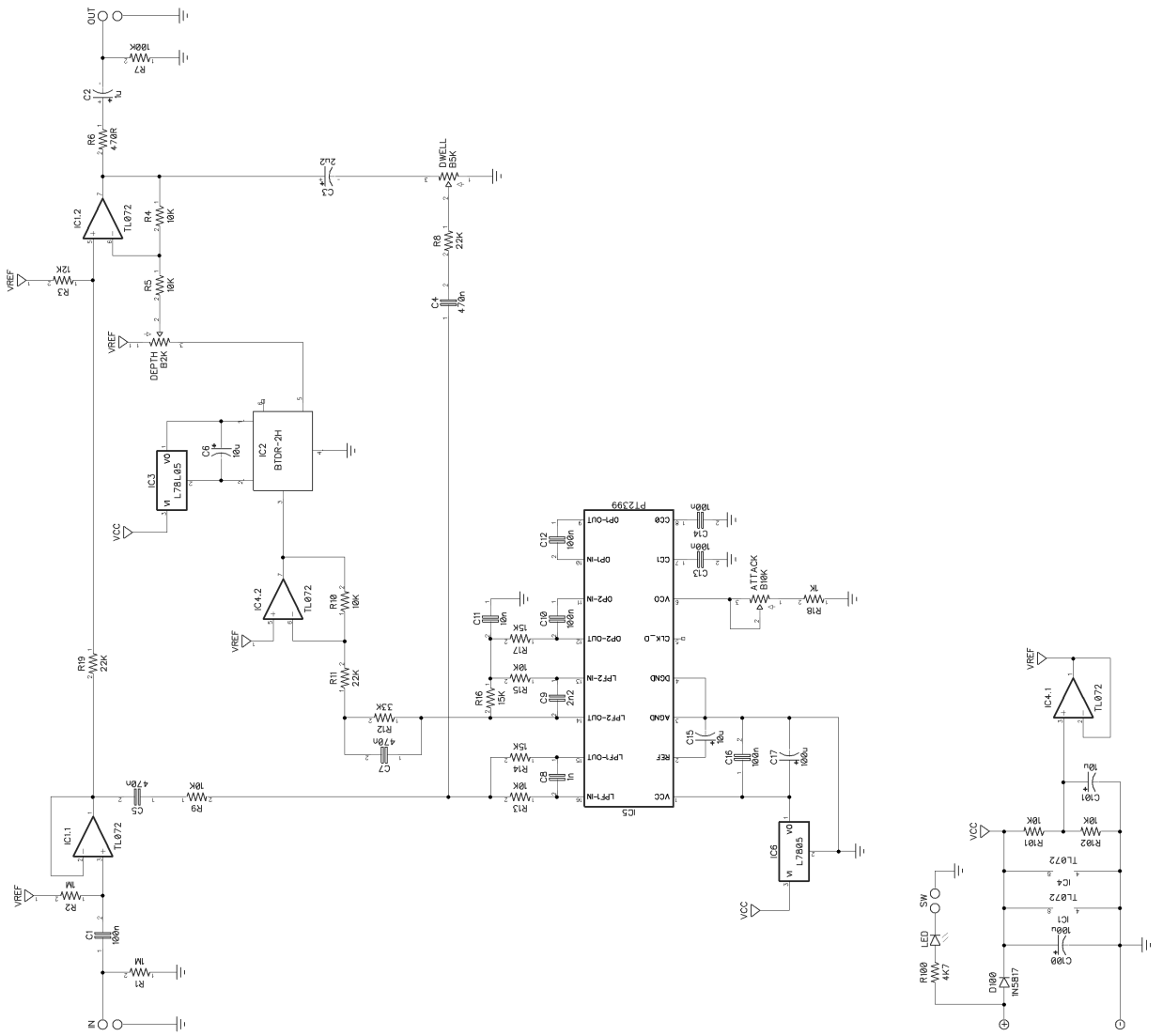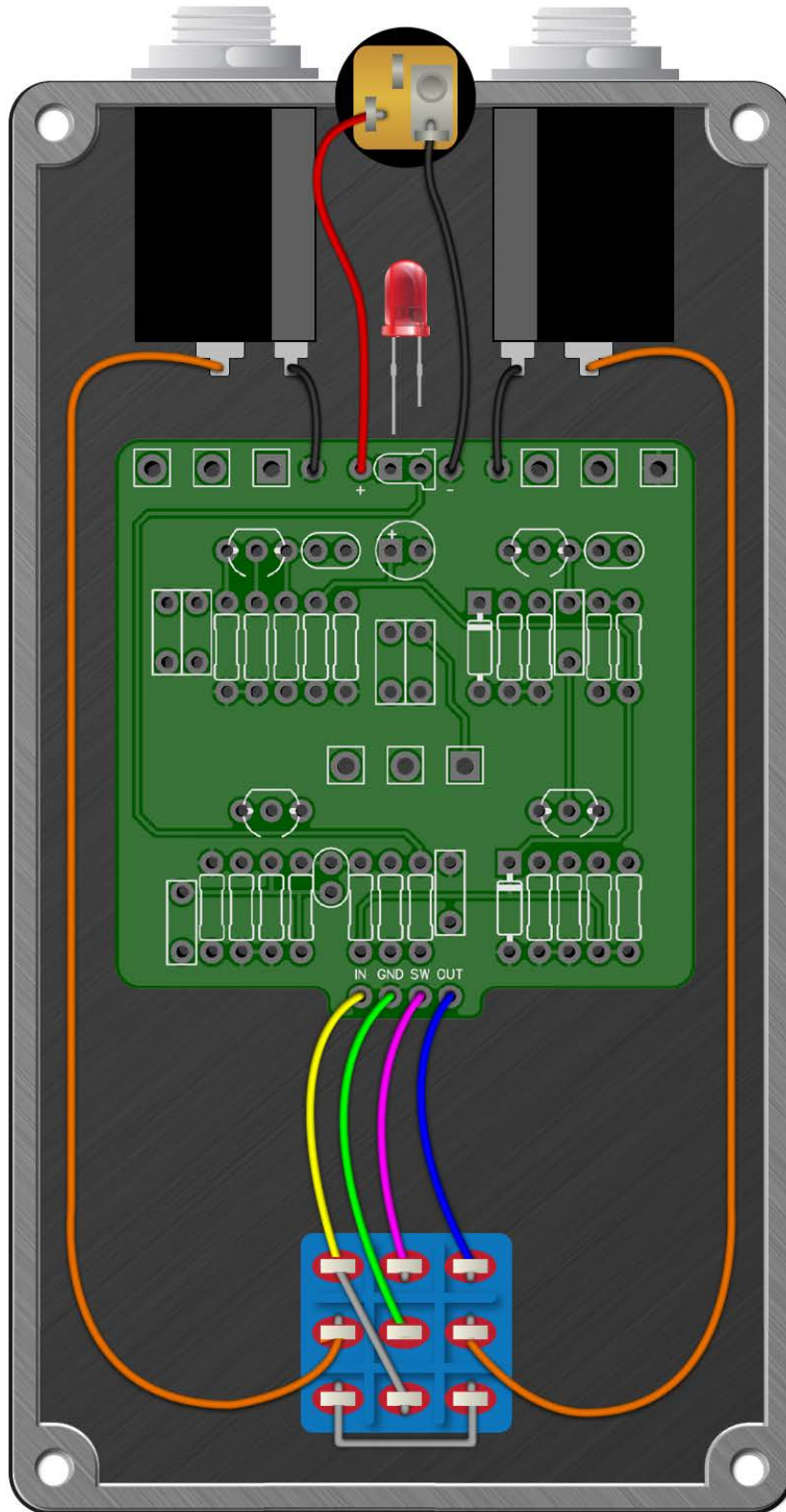
Spirit Box
Drill Template
125B enclosure with top mounted jacks

OUTPUT JACK

DC JACK

INPUT JACK

POTENTIOMETER

POTENTIOMETER

POTENTIOMETER

LED

FOOTSWITCH

PedalPCB