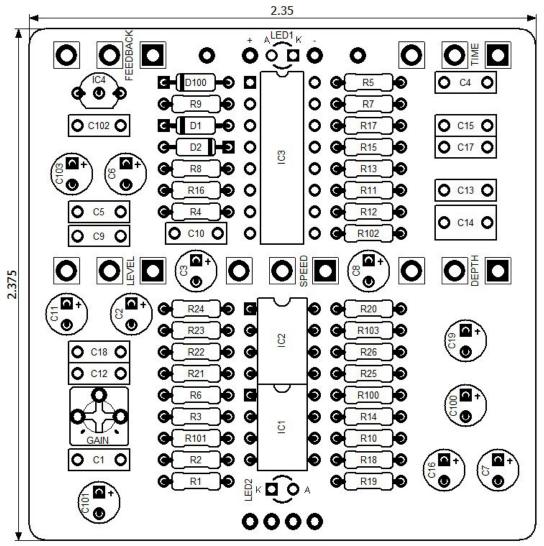


Revised 3/14/22



IN GND1SW OUT

CONTROLS AND FEATURES

- Time
- Feedback
- Depth
- Speed
- Level
- Gain (Trim pot)

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Magnetron Delay

Parts List (Page 1 of 2)

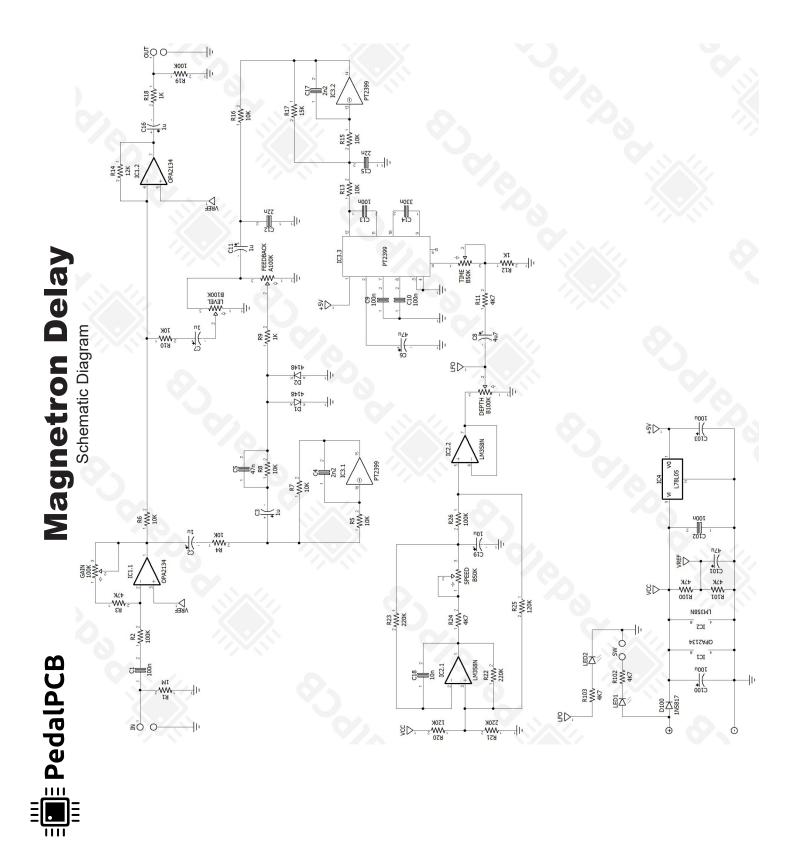
LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	100K	Resistor, 1/4W	
R3	47K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	10K	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R9	1K	Resistor, 1/4W	
R10	10K	Resistor, 1/4W	
R11	4K7	Resistor, 1/4W	
R12	1K	Resistor, 1/4W	
R13	10K	Resistor, 1/4W	
R14	12K	Resistor, 1/4W	
R15	10K	Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R17	15K	Resistor, 1/4W	
R18	1K	Resistor, 1/4W	
R19	100K	Resistor, 1/4W	
R20	120K	Resistor, 1/4W	
R21	220K	Resistor, 1/4W	
R22	220K	Resistor, 1/4W	
R23	220K	Resistor, 1/4W	
R24	4K7	Resistor, 1/4W	
R25	120K	Resistor, 1/4W	
R26	100K	,	
R100	47K	Resistor, 1/4W	
		Resistor, 1/4W	
R101	47K	Resistor, 1/4W	
R102	4K7	Resistor, 1/4W	
R103	4K7	Resistor, 1/4W	
04	400-	Files it 7 0 0 5	
C1	100n	Film capacitor, 7.2 x 2.5mm	
02	1u	Electrolytic capacitor, 5mm	
C3	1u	Electrolytic capacitor, 5mm	
C1 C2 C3 C4 C5 C6 C7 C8 C9	2n2	Film capacitor, 7.2 x 2.5mm	
<u>C5</u>	47n	Film capacitor, 7.2 x 2.5mm	
<u>C6</u>	47u	Electrolytic capacitor, 5mm	
C7	1u	Electrolytic capacitor, 5mm	
C8	4u7	Electrolytic capacitor, 5mm	
C9	100n	Film capacitor, 7.2 x 2.5mm	
	100n	Film capacitor, 7.2 x 2.5mm	
C11	1u	Electrolytic capacitor, 5mm	
C12	22n	Film capacitor, 7.2 x 2.5mm	
C13	100n	Film capacitor, 7.2 x 2.5mm	
C14	330n	Film capacitor, 7.2 x 5.0mm	
C15	22n	Film capacitor, 7.2 x 2.5mm	
		Continued on next page	



Magnetron Delay

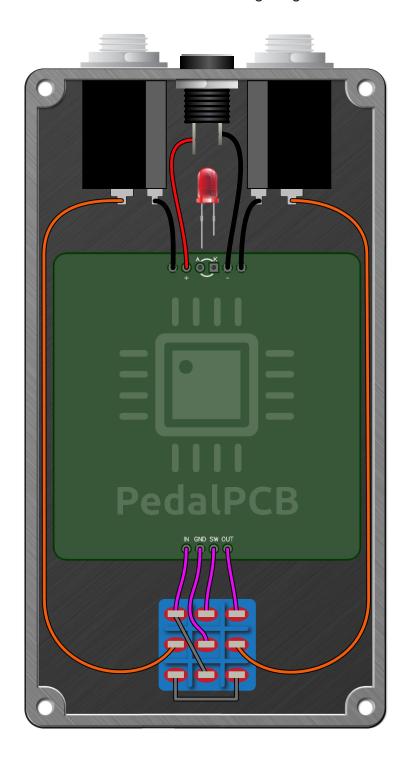
Parts List (Page 2 of 2)

LOCATION	VALUE	TYPE	NOTES
C16	1u	Electrolytic capacitor, 5mm	
C17	2n2	Film capacitor, 7.2 x 2.5mm	
C18	10n	Film capacitor, 7.2 x 2.5mm	
C19	10u	Electrolytic capacitor, 5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	47u	Electrolytic capacitor, 5mm	
C102	100n	Film capacitor, 7.2 x 2.5mm	
C103	100u	Electrolytic capacitor, 5mm	
	1.000		
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
		, -	
IC1 IC2	OPA2134	Dual op-amp, DIP8	
IC2	LM358N	Dual op-amp, DIP8	
IC3	PT2399	CMOS echo/delay IC	
IC4	L78L05	Voltage regulator, +5V	
		J J , -	
TIME	B50K	16mm right-angle PCB mount pot	
FEEDBACK	A100K	16mm right-angle PCB mount pot	
DEPTH	B100K	16mm right-angle PCB mount pot	
SPEED	B50K	16mm right-angle PCB mount pot	
LEVEL	B100K	16mm right-angle PCB mount pot	
		J J - 1	
GAIN	100K	Trimmer potentiometer, 3362P type	
	i		





Magnetron Delay Wiring Diagram





Magnetron Delay

Drill Template

125B Enclosure

