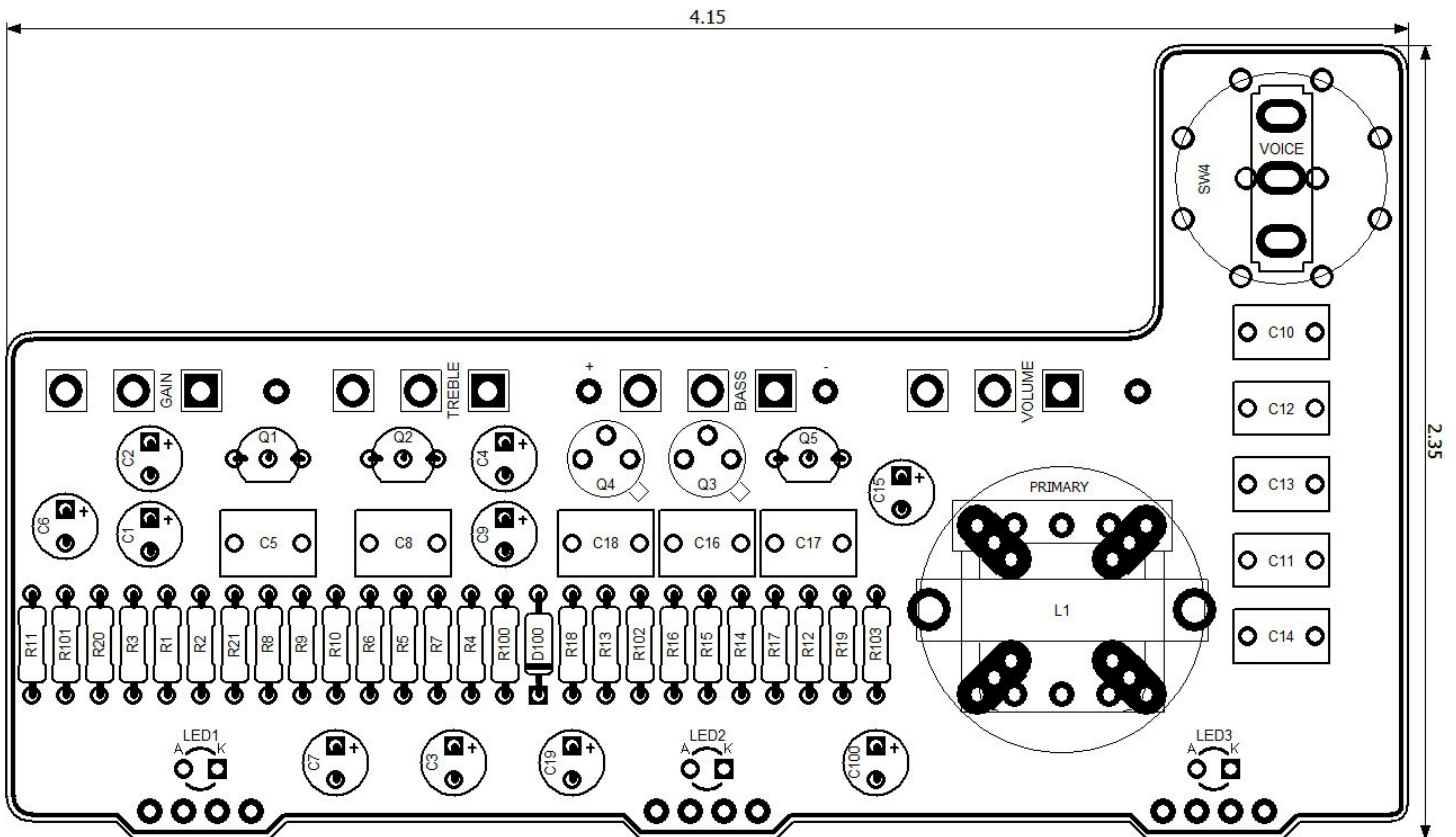
 **PedalPCB**

Mystery Machine

Revised 1/14/22



CONTROLS AND FEATURES

- Volume
- Bass
- Treble
- Gain
- Voice (Toggle or Rotary switch)

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LOCATION	VALUE	TYPE	NOTES
R1	100K	Resistor, 1/4W	
R2	220K	Resistor, 1/4W	
R3	18K	Resistor, 1/4W	
R4	2K2	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	300R	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	10K	Resistor, 1/4W	
R10	1K8	Resistor, 1/4W	
R11	15K	Resistor, 1/4W	
R12	22K	Resistor, 1/4W	
R13	220K	Resistor, 1/4W	
R14	100R	Resistor, 1/4W	
R15	100R	Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R17	10K	Resistor, 1/4W	
R18	1K8	Resistor, 1/4W	
R19	470R	Resistor, 1/4W	
R20	33K	Resistor, 1/4W	
R21	1K8	Resistor, 1/4W	
R100	220R	Resistor, 1/4W	
R101	4K7	Resistor, 1/4W	
R102	4K7	Resistor, 1/4W	
R103	4K7	Resistor, 1/4W	
C1	10u	Electrolytic capacitor, 5mm	
C2	10u	Electrolytic capacitor, 5mm	
C3	47u	Electrolytic capacitor, 5mm	
C4	10u	Electrolytic capacitor, 5mm	
C5	47n	Film capacitor, 7.2 x 2.5mm	
C6	47u	Electrolytic capacitor, 5mm	
C7	10u	Electrolytic capacitor, 5mm	
C8	1u	Film capacitor, 7.2 x 5.0mm	
C9	10u	Electrolytic capacitor, 5mm	
C10	220n	Film capacitor, 7.2 x 5.0mm	
C11	100n	Film capacitor, 7.2 x 2.5mm	① See page 3
C12	47n	Film capacitor, 7.2 x 2.5mm	① See page 3
C13	22n	Film capacitor, 7.2 x 2.5mm	① See page 3
C14	47n	Film capacitor, 7.2 x 2.5mm	① See page 3
C15	1u	Electrolytic capacitor, 5mm	① See page 3
C16	10n	Film capacitor, 7.2 x 2.5mm	
C17	100n	Film capacitor, 7.2 x 2.5mm	
C18	33n	Film capacitor, 7.2 x 2.5mm	
C19	47u	Electrolytic capacitor, 5mm	
C100	220u	Electrolytic capacitor, 5mm	
		Continued on next page...	

LOCATION	VALUE	TYPE	NOTES
L1	500mH	500mH Inductor	Fasel or 42TM013
D100	1N5817	Schottky diode, DO-41	
Q1	BC549C	BJT transistor, NPN TO-92	
Q2	BC549C	BJT transistor, NPN TO-92	
Q3	OC79	Germanium transistor, PNP	
Q4	OC79	Germanium transistor, PNP	
Q5	BC549C	BJT transistor, NPN TO-92	
VOLUME	A100K	16mm right-angle PCB mount pot	
TREBLE	B1K	16mm right-angle PCB mount pot	
BASS	A10K	16mm right-angle PCB mount pot	
GAIN	C5K	16mm right-angle PCB mount pot	

ROTARY SWITCH OPTION

LOCATION	VALUE	TYPE	NOTES
VOICE	2P4T	2P4T 16mm Mini Rotary Switch	
C10	220n	Film capacitor, 7.2 x 5.0mm	
C11	100n	Film capacitor, 7.2 x 2.5mm	
C12	47n	Film capacitor, 7.2 x 2.5mm	
C13	22n	Film capacitor, 7.2 x 2.5mm	
C14	OMIT		

TOGGLE SWITCH OPTION

LOCATION	VALUE	TYPE	NOTES
VOICE	SPDT	Toggle switch, SPDT	3-position (ON/OFF/ON)
C10	150n	Film capacitor, 7.2 x 5.0mm	
C11	47n	Film capacitor, 7.2 x 2.5mm	
C12	OMIT		
C13	OMIT		
C14	47n	Film capacitor, 7.2 x 2.5mm	



