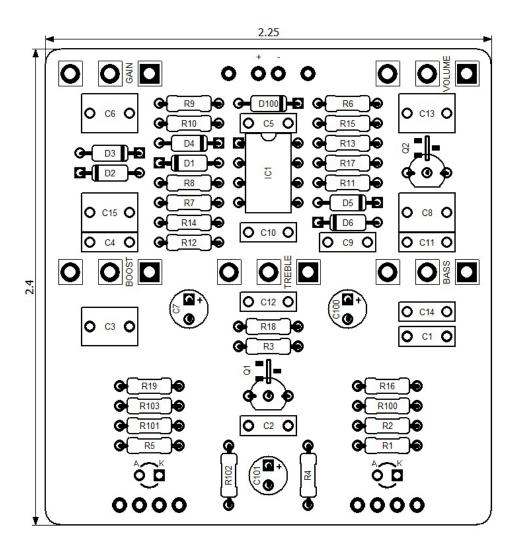


Revised 10/27/21



#### **CONTROLS AND FEATURES**

- Volume
- Gain
- Bass
- Treble
- Boost

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## Mojito Deluxe Parts List (Page 1 of 2)

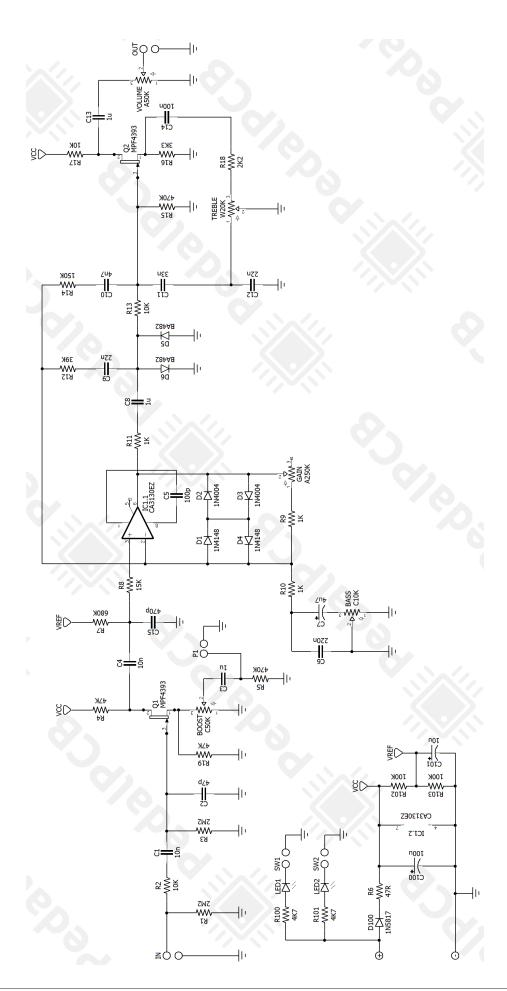
LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	10K	Resistor, 1/4W	
R3	2M2	Resistor, 1/4W	
R4	47K	Resistor, 1/4W	
R5	470K	Resistor, 1/4W	
R6	47R	Resistor, 1/4W	
R7	680K	Resistor, 1/4W	
R8	15K	Resistor, 1/4W	
R9	1K	Resistor, 1/4W	
R10	1K	Resistor, 1/4W	
R11	1K	Resistor, 1/4W	
R12	39K	Resistor, 1/4W	
R13	10K	Resistor, 1/4W	
R14	150K	Resistor, 1/4W	
R15	470K	Resistor, 1/4W	
R16	3K3	Resistor, 1/4W	
R17	10K	Resistor, 1/4W	
R18	2K2	Resistor, 1/4W	
R19	47K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	
R101	4K7	Resistor, 1/4W	
R102	100K	Resistor, 1/4W	
R103	100K	Resistor, 1/4W	
C1	10n	Film capacitor, 7.2 x 2.5mm	
C2	47p	Ceramic capacitor	
C3	1u	Film capacitor, 7.2 x 5.0mm	
C4	10n	Film capacitor, 7.2 x 2.5mm	
C5	100p	Ceramic capacitor	
C6	220n	Film capacitor, 7.2 x 5.0mm	
C7	4u7	Electrolytic capacitor, 5mm	
C8	1u	Film capacitor, 7.2 x 5.0mm	
C9	22n	Film capacitor, 7.2 x 2.5mm	
C10	4n7	Film capacitor, 7.2 x 2.5mm	
C11	33n	Film capacitor, 7.2 x 2.5mm	
C12	22n	Film capacitor, 7.2 x 2.5mm	
C13	1u	Film capacitor, 7.2 x 5.0mm	
C14	100n	Film capacitor, 7.2 x 2.5mm	
C15	470p	Ceramic capacitor	
C100	100u	Electrolytic capacitor, 5mm	
C101	10u	Electrolytic capacitor, 5mm	
Q1	MPF4393	JFET transistor, N-channel	
Q2	MPF4393	JFET transistor, N-channel	
		,	
IC1	CA3130EZ	Single op-amp (MOSFET), DIP8	
		Continued on next page	



## Mojito Deluxe Parts List (Page 2 of 2)

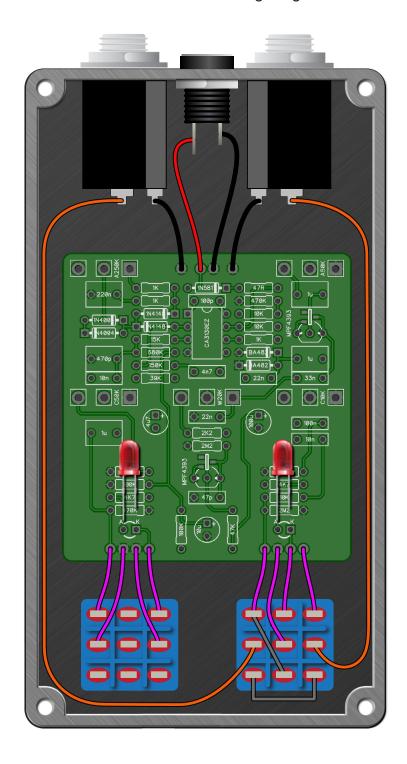
LOCATION	\/A1 11E	TVDE	NOTEO
LOCATION	VALUE	TYPE	NOTES
D1 D2	1N4148	Signal diode, DO-35	
D2	1N4004	Rectifier diode, DO-41	
D3	1N4004	Rectifier diode, DO-41	
D4	1N4148	Signal diode, DO-35	
D5	BA482	Band-switching diode, DO-34	
D6	BA482	Band-switching diode, DO-34	
D100	1N5817	Schottky diode, DO-41	
VOLUME	A50K	16mm right-angle PCB mount pot	
GAIN	A250K	16mm right-angle PCB mount pot	
BASS	C10K	16mm right-angle PCB mount pot	
TREBLE	W20K	16mm right-angle PCB mount pot	
BOOST	C50K	16mm right-angle PCB mount pot	

# Mojito Deluxe Schematic Diagram





## Mojito Deluxe Wiring Diagram





### **Mojito Deluxe**

Drill Template

125B Enclosure

