

multi - bill of materials

C1	100nF	100V 5% Polyester Capacitor
C2	1uF	50V 105C Radial Electrolytic Capacitor 5x11mm
D1	1N4148	100V 0.15A standard switching diode
J1	MIDI IN	5-pin DIN connector
J2	MIDI OUT	5-pin DIN connector
J3	OUT	3.5mm Stereo Audio Jack
KNOB 1-6	100K	Potentiometer Song Huei RK0904N
PB1, PB2	Pushbutton	C&K D6R60
R1, R6	470 Ohm	Resistor 1/4W
R2, R3	47 Ohm	Resistor 1/4W
R4	220Ohm	Resistor 1/4W
R5	4,7kOhm	Resistor 1/4W
U1	6N138	Low Input Current high Gain Optocoupler (8 pin IC socket)
U2	XIAO	Seeeduino XIAO (7 pin female header x2)