

WAV Player Click  
 Bill of Materials  
 Rev 1.1  
 6/23/2022

<b>Qty.</b>	<b>Designator</b>	<b>Description</b>	<b>Footprint</b>	<b>Manufacturer</b>	<b>Part Number</b>
1	U1	Op Amp, Dual	MSOP-8	Microchip	MCP6002
1	U2	Audio Amplifier, Class D	MSOP-8	Diodes Inc	PAM8302A
1	R1	Resistor, 15.8K Ohm, 1%	603	Vishay	CRCW060315K8FKEA
1	R2	Resistor, 4.87K Ohm, 1%	603	Vishay	CRCW06034K87FKEA
1	R3	Resistor, 11K Ohm, 1%	603	Vishay	CRCW060311K0FKEA
2	R4, R5	Resistor, 100 Ohm, 5%	603	Vishay	CRCW0603100RJNEA
1	R6	Resistor, 10K Ohm, 5%	603	Vishay	CRCW060310KJNEA
1	R7	Resistor, 274K Ohm, 1%	603	Vishay	CRCW0603274KFKEA
1	R8	Resistor, 1.07K Ohm, 1%	603	Vishay	CRCW06031K07FKEA
1	VR1	Potentiometer, 3mm, 10K	SMT	Bourns	PVG3A103C01R00
2	C1, C3	Capacitor, Ceramic, 1000pF (1nF), 50V, X7R	603	Kemet	C0603C102J5RACTU
1	C2	Capacitor, Ceramic, 0.1uF, 25V, X5R	603	Taiyo Yuden	TMK107BJ104KA-T
1	C4	Capacitor, Ceramic, 4700pF (4.7nF), 50V, X7R	603	Kemet	C0603C472K5RAC7411
2	C5, C6	Capacitor, Ceramic, 1uF	603	Samsung	CL10A105KA8NNNC
1	C7	Capacitor, Ceramic, 10uF, 16V, X5R	603	Murata	GRT188R61C106KE13D
2	C8, C9	Capacitor, Ceramic, 220pF, 25V, X8R	603	Kemet	C0603C221M3HACTU
1	C10	Capacitor, Ceramic, 0.047uF (47nF), 16V, X7R	603	Samsung	CL10B473KO8NNND
2	FB1, FB2	Ferrite Bead, 120 Ohm, 1A	603	Murata	BLM18KG121WH1D
1	CN1	Connector, Speaker	N/A	N/A	N/A
1	SPK	Speaker, 28mm, 2W, 8 Ohm	N/A	Amazon	TBD
2	N/A	Header, 1x8, 2.54mm	TH	Harwin	M20-9990846