

SigmaMIX v0.3 PARTS LIST

Category	Value	Manufactuer	Package	N	Description	Part	Digikey
IC	ADAU1701	Analog Devices	LQFP48	2	DSP IC	U4, U5	ADAU1701JSTZ-RLCT-ND
	ADM811	Analog Devices	SOT-143	1	Reset IC	U3	ADM811TARTZ-REEL7CT-ND
	BGM113	Silicon Labs	LGA Module	1	Bluetooth Module	U6	336-3817-1-ND
	MIC39101	Microchip	SOIC8	1	Power Regulator IC	U2	576-1782-5-ND
Cristal	12.288MHz	Epson	SMD	2	Xtal Oscillator	X1, X2	535-10902-1-ND
Resistor	8R06	Vishay Dale	1608	4	chip resistor	R18, R19, R20, R21	541-8.06HHCT-ND
	56R2	Panasonic	1608	8	chip resistor	R32, R33, R34, R35, R36, R37, R38, R39	P56.2HCT-ND
	0	Panasonic	1608	1	chip resistor	R3	P0.0ACT-ND
	475	Panasonic	1608	2	chip resistor	R30, R31	P475HCT-ND
	1k	Panasonic	1608	2	chip resistor	R26, R27	P1.00KHCT-ND
	10k	Panasonic	1608	9	chip resistor	R2, R12, R13, R14, R15, R16, R17, R22, R23	P10.0KHCT-ND
	18k	Panasonic	1608	2	chip resistor	R24, R25	P18.0KHCT-ND
	49k9	Panasonic	1608	12	chip resistor	R8, R9, R10, R11, R40, R41, R42, R43, R44, R45, R46, R47	P49.9KHCT-ND
	100k	Panasonic	1608	1	chip resistor	R1	P100KHCT-ND
Capacitor	100pF	Murata	2012	4	multilayer ceramic capacitor	C9, C10, C11, C12	490-1615-1-ND
	3.3nF	Murata	2012	2	multilayer ceramic capacitor	C42, C43	399-1153-1-ND
	56nF	Murata	2012	10	multilayer ceramic capacitor	C40, C41, C64, C65, C66, C67, C68, C69, C70, C71	490-1662-1-ND
	0.1uF	Murata	2012	23	multilayer ceramic capacitor	C1, C2, C7, C8, C13, C20, C21, C22, C23, C26, C27, C28, C29, C34, C35, C38, C39, C44, C45, C48, C49, C52, C53	490-1683-6-ND
	10uF	AVX Corporation	2012	17	tantalum capacitor	C3, C14, C15, C16, C17, C18, C19, C24, C25, C36, C37, C46, C47, C50, C51, C54, C55	478-8115-1-ND
	100uF	Vishay Sprague	3528	8	tantalum capacitor	C56, C57, C58, C59, C60, C61, C62, C63	718-1313-1-ND
Ferrite Bead	600ohm@100MHz	Murata	1608	4	ferrite beads	L1, L2, L3, L4	490-14396-1-ND
Transistor	PNP	Diodes Incorporated	SOT-23	2	transistor	T1, T2	ZXTP25040DFHCT-ND
Switch	DIP SW	Omron	Through Hole	2	Switch	SW1, SW2	SW1195-ND
	Rocker SW	E-Switch	Through Hole	1	Switch	SW3	EG4328-ND
	Tactile SW	Omron	Through Hole	1	Switch	SW4	SW426-ND
Connector	DC Jack		Through Hole	1	Connector	J1	未実装
	RCA_JACK	CUI	Through Hole	2	Connector	J2, J4	CP-1420-ND
	RCA_JACK	CUI	Through Hole	2	Connector	J3, J5	CP-1419-ND
	RCA2_JACK	CUI	Through Hole	4	Connector	J6, J7, J8, J9	CP-1435-ND
Header	2x10 (for SWD)	CUI	Through Hole	1	Pin Header	JP5	MHC20K-ND
	2x5 (for USBi)	CUI	Through Hole	1	Pin Header	JP6	MHC10K-ND
	2x5		Through Hole	3	Pin Header	JP1, JP2, JP7	未実装
	2x3		Through Hole	2	Pin Header	JP3, JP4	未実装