

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
	100	Panasonic	1608	2	chip resistor	R28, R29	P100HCT-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	22pF	Murata	2012	4	ceramic capacitor	C30, C31, C32, C33	490-3608-1-ND
	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	21	multilayer ceramic capacitor	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