

## SigmaMIX PARTLIST

2017/04/20

Category	Type	Value	Manufacturer	Package	Num	digkey
IC	DSP Processor	ADAU1701	Analog Devices	LQFP48	2	ADAU1701JSTZ-RLCT-ND
	Bluetooth Module	BGM113	Silicon Labs	Module	1	336-3817-1-ND
	Reset	ADM811	Analog Devices	SOT192	1	ADM811TARTZ-REEL7CT-ND
	Battery Management	MCP73871	Microchip	QFN20	1	MCP73871-2AAI/ML-ND
	Voltage Regulator	MCP1726	Microchip	SOIC8	1	MCP1726-3302E/SN-ND
Crystal	Ceramic SMD	12.288MHz	Abracon	4-SMD	2	300-8198-1-ND
Resister	Thick Film	100	Panasonic	1608	2	P100HCT-ND
	Thick Film	475	Panasonic	1608	2	P475HCT-ND
	Thick Film	1k	Panasonic	1608	6	P1.00KHCT-ND
	Thick Film	8k06	Panasonic	1608	4	P8.06KHCT-ND
	Thick Film	10k	Panasonic	1608	10	P10.0KHCT-ND
	Thick Film	18k	Panasonic	1608	2	P18.0KHCT-ND
	Thick Film	49k9	Panasonic	1608	12	P49.9KHCT-ND
	Thick Film	56k2	Panasonic	1608	8	P56.2KHCT-ND
	Thick Film	100k	Panasonic	1608	1	P100KHCT-ND
	Thick Film	100k	Panasonic	1608	1	P100KHCT-ND
Capacitor	Ceramic	22pF	Murata	2012	4	490-3608-1-ND
	Multilayer Ceramic	100pF	Murata	2012	4	490-1615-1-ND
	Multilayer Ceramic	1000pF	Murata	2012	1	490-5813-6-ND
	Multilayer Ceramic	56nF	Murata	2012	8	490-1662-1-ND
	Multilayer Ceramic	0.1uF	Murata	2012	23	490-1683-6-ND
	Multilayer Ceramic	1uF	Murata	2012	1	490-1691-6-ND
	Multilayer Ceramic	4.7uF	Murata	2012	4	490-4522-6-ND
	Multilayer Ceramic	10uF	Murata	2012	18	490-3905-1-ND
	Tantalum	100uF	Vishay Sprague	3528	8	718-1313-1-ND
Ferrite Bead		600ohm @ 100MHz	Murata	1608	4	490-14396-1-ND
Transistor	PNP	40V 3A	Diodes Incorporated	SOT23	2	ZXTP25040DFHCT-ND
LED		green	Panasonic	1608	1	LNJ337W83RADKR-ND
		orange	Panasonic	1608	1	LNJ837W83RADKR-ND
		blue	Panasonic	1608	1	LNJ937W8CRADKR-ND
Switch	DIP	4 SPST 25mA 24V	Omron	Through Hole	2	SW1195-ND
	Rocker	SPDT 3A 28V	E-Switch	Through Hole	1	EG4328-ND
	Tactile	SPST-NO	Omron	Through Hole	1	SW426-ND
Connector		2POS SMD	JST	SMD	1	455-1749-6-ND
	DC Jack	2.5mm		Through Hole	1	CP-202B-ND
	RCA Jack x1	Red	CUI	Through Hole	2	CP-1419-ND
	RCA Jack x1	White	CUI	Through Hole	2	CP-1420-ND
	RCA Jack x2	Red & White	CUI	Through Hole	4	CP-1435-ND
Header	2x5			Through Hole	2	MHC10K-ND
	2x5			Through Hole	2	
	2x3			Through Hole	2	