

Quantity	Designator	Designation	Package	Vendor	NOTE: Prices are for rough planning only, they change on a daily basis				
					each	ext.	Notes		
2	C6,C10	22uF	CP_Elec_5x5.8	Mouser	667-EEF-FK1E220R	\$0.41	\$0.82		
1	U4	LM4040C50FTA	LM4040-5	Mouser	522-LM4040C50FTA	\$0.64	\$0.64	Use LM4040A for more accurate 5V normalised to the inputs	
3	U1,U2,U3	OPA1678IDR	SOIC-8_3.9x4.9mm_Pitch1.27mm	Mouser	595-OPA1678IDR	\$0.83	\$2.49	TL072 is cheaper if you don't care about performance	
2	D3,D1	1N5819HW-7-F	D_SOD-123	Mouser	621-1N5819HW-F	\$0.44	\$0.88		
1	X1	Header 2 x 5, 0.1"	HEADER_2.54_2x5		538-10-89-7101	\$0.57	\$0.57	Available cheaper elsewhere	
6	JP6,JP5,JP4,JP3,JP2,JP1	header-2P, 0.1"	Jump-2P		571-826935-2	\$0.10	\$0.60	Available cheaper elsewhere	
7	IN1,IN2,IN3,MIX1,OUT1,OUT2,OUT3	PJ301M-12 / PJ398SM Jack	PJ301M-12_shared_ground	Thonk	https://www.thonk.co.uk/shop/3.5mm-jacks/	\$0.53	\$3.71	must buy nuts separately. PJ398SM is upgraded part	
3	ATT1,ATT2,ATT3	100K	POT_SONG_HUEI_9mm_tall_trimmer	Thonk	https://www.thonk.co.uk/shop/ttpts/	\$1.11	\$3.33	Linear for CV math, Audio for audio mixer	
1	MIXLVL1	10K	POT_SONG_HUEI_9mm_tall_trimmer	Thonk	https://www.thonk.co.uk/shop/ttpts/	\$1.11	\$1.11	Linear for CV math, Audio for audio mixer	
5	C1,C2,C3,C4,C5	10pF	C_0805_DKH	Mouser	77-VJ0805A100GXAPBC	\$0.10	\$0.50		
7	C7,C8,C9,C11,C12,C13,C14	100nF	C_0805_DKH	Mouser	581-0805SC104KAT4A	\$0.10	\$0.70		
10	R1,R2,R3,R5,R6,R7,R9,R10,R11,R15	200K, 0.1%	R_0805_DKH	Mouser	603-AT0805BRD07200KL	\$0.26	\$2.61		
4	R4,R8,R12,R16	330R	R_0805_DKH	Mouser	603-RC0805FR-07330RL	\$0.02	\$0.06	buy 10	
2	R13,R14	120K, 0.1%	R_0805_DKH	Mouser	603-RT0805BRD07120KL	\$0.39	\$0.78		
1	R17	43K	R_0805_DKH	Mouser	603-RC0805FR-0743KL	\$0.10	\$0.10		
1	R18	75K	R_0805_DKH	Mouser	603-RC0805FR-0775KL	\$0.10	\$0.10		
1	R19	10K	R_0805_DKH	Mouser	603-RC0805FR-0710KL	\$0.10	\$0.10		
6	JP6,JP5,JP4,JP3,JP2,JP1		2-pin Jumpers	Mouser	806-SX1100-B	\$0.02	\$0.13	buy 25, available cheaper elsewhere	