Notes	project part#s	Part Name	Quantity	cost per unit	Total $/qty	Mouser Part Number	DIGIKEY Part Number	Thonk Part Number	OSH Park	Adafruit	McMaster-Carr	PJRC
					1							
		100Ω	4	0.012	0.048	603-CFR-25JR-52100R						
		100kΩ	12	0.018	0.216	270-100K-RC						
		33kΩ	4	0.13	0.52	299-33K-RC						
		68kΩ	8	0.02	0.16	588-OJ6835E-R52						
for LED		220Ω	1	0.1	0.1	603-CFR-25JR-52220R						
		LED	1	0.12	0.12	859-LTL-4254						
		2n2222 or 3904	4	0.23	0.92	512-PN2222ATF						
		14-pin DIP IC socket	4	0.14	0.56	571-1-2199298-3						
		13-pin female header	2	0.88	1.76		S7046-ND					
		7-pin female header	5	0.61	3.05		S7040-ND					
		5-pin female header	7	0.443	3.101		S6103-ND					
		20 position male pin header strips	2	0.46	0.92		S1011EC-20-ND					
		6004 Quad Op Amp	2	0.53	1.06	579-MCP6004-I/P						
		MCP4922 12-bit dual DAC	2	3.15	6.3	579-MCP4922-E/P						
		10kΩ Potentiometer	4	0.78	3.12	652-PTV09A4020SB104						
		1/8" Thonkiconn Jacks with nuts	12	0.46	5.52			Thonkiconn Jacks (PJ301M-12)				
		Sparkfun Teensy 3.x header kit	1	1.5	1.5	474-PRT-13925						
		Teensy 3.2	1	22.5	22.5	474-DEV-13736			$17 from OSH Park			$19.50 directly from PJRC
		Capacitor - .1μF (100nF)	1	0.1	0.1	594-K104K15X7RF5UH5						
		Capacitor - .33μF	1	0.2	0.2	810-FG18X7R1H334KRT0						
		78l05 - 5v regulator	1	0.301	0.301	512-LM78L05ACZ						
		shorting jumper	1	0.11	0.102		S9341-ND					
Optional		MicroUSB B breakout (Adafruit)	1	1.35	1.35	485-1833				https://www.adafruit.com/product/1833		
needed for front-plate USB Breakout		5-pin right-angle male header	1				609-4304-ND					
		rainbow ribbon cable?										
		10mm M3 male-female standoff	2	0.54	1.08	855-R30-3001002					https://www.mcmaster.com/#93655A102	
		M3 Screws	5	0.21	1.05	534-9191-3						
can't find on Mouser		M3 nut	1									
		TOTAL			55.658							
		Total PER UNIT (excluding PCB)			55.658							
PCB PRICES FROM OSHPARK												
		DAC PCB	1	6.5	6.5				Order from OSH Park			
		Interface PCB	1	6.5	6.5				Order from OSH Park			