

CV Input->Audio AC Output BOM

#	Quantity	Name	Value	RefDes				
1	4	CAPAE_6.6x6.6h5.4	47uF	C1	C5	C15	C17	
2	4	CAP_1206	.1uF	C2	C4	C6	C7	C18
3	1	CAP_1206	.22uF	C3				
4	1	CAP_1206_N	22uF	C8				
5	1	CAP_1206_N	2.2uF	C9				
6	2	CAP_1206_N	1.0nF	C10	C11	C16		
7	3	CAP_1206_N	100pF	C12	C13	C14		
8	1	1N5819W (SOD-123FL)		D1	D2			
9	1	LM4040CIM3-10.0		D3				
10	1	PT8211-S		DAC1				
11	1	LD2981ABU33TR		IC1				
12	1	2X5 Power Header: SBH11-P8BC-D05-ST or similar		PowerHeader1				
13	2	RES_1206	1k	R1	R17			
14	2	RES_1206	140k	R2	R5			
15	5	RES_1206	33k	R3	R6	R9	R12	R14
16	4	RES_1206	100k	R4	R7	R10	R13	
17	2	RES_1206	110k	R8	R11			
18	1	RES_1206	10k	R15				
19	1	RES_1206	2.2k	R16				
20	1	RES_1206	10ohm	R18				
21	1	Teensy 4.0		Teensy1				
22	1	L7805ABD2T		U1				
		16 Position 0.1" female headers for outer connections:						
23	2	PPPC161LFBN or similar		U2				
24	1	MCP6002-E/SN		U3				
25	1	MCP3202-BI/SN		U4				
26	1	MCP6002T-E/SN		U5				
27	1	TL072CD		U6				
28	2	14 position 2.54mm female headers for Teensy: PPTC141LFBN or similar						
29	1	5 position 2.54mm female header for signal I/O:PPC051LFBN or similar						