

Project Name / Lab: STA333ML Low cost/ Home & Personal Audio

STEVAL-CCA048V1

Item no.	Type	Package	Description	Qty	Reference Code	Manufacturer
1	CCAP	CAP0603	100n, 50V, +/-10%	14	C1, C2, C3, C4,C6, C7, C11, C12, C34, C35,C27,C28,C30,C31	Murata
2	CCAP	CAP0603	1n, 50V, +/-10%	1	C5	Murata
3	CCAP	CAP0603	4.7n, 50V, +/-10%	1	C8	Murata
4	CCAP	CAP0603	680p, 50V, +/-5%	1	C9	Murata
5	CCAP	CAP0603	330p, 50V, +/-10%	2	C15, C21	Murata
6	CCAP	CAP0603	1n, 50V, +/-10%	1	C37	Murata
7	CCAP	CAP1206	1u, 50V	2	C13, C14	Murata
8	ECAP	D=10mm	10u, 35V	1	C10	Rubycon
9	ECAP	D=7mm	22u, 16V	1	C33	Rubycon
10	ECAP	D=5mm	2.2u, 25V	1	C36	Rubycon
11	CHIP BEAD	L0805	600 ohm @ 100MHz	2	BD1, BD2	Murata
12	CRES	R0603	10K, +/-5%	2	R1, R3	Murata
13	CRES	R0603	0 ohm, +/-5%	1	R2, R11, R12	Murata
14	CRES	R0603	2.2K, +/-5%	1	R4	Murata
15	CRES	R1206	22 ohm, +/-5%	2	R5, R8	Murata
16	Test Point	Through Hole	1x5 2.54mm pitch	1	J2	Anysource
17	Connector	Through Hole	2x8 2.54pitch Male Connector	1	J3	Anysource
18	Jumper	Through Hole	1x3 2.54mm pitch	4	JP1, JP2, JP3, JP4	Anysource
19	Tact Switch	Through Hole	6x6 Tact Switch	1	SW	Anysource
20	Jumper			4		Anysource
21	CAP	Through Hole	470n	2	C20, C26	
22	Connector	Through Hole	WP4-15	1	J1	Song Cheng
23	Connector	Through Hole	FFKDS/H1-5.08	3	J5, J6, J7	PHOENIX CONTACT
24	Connector	Through Hole	FFKDSA1/H1-7.62	1	J4	PHOENIX CONTACT
25	IC	PowerSSO36	STA333ML	1	U1	ST
26	COIL	Through Hole	22uH	4	L1, L2, L3, L4	KWANGSUNG

Note: solder the slug down of the IC and the PCB together