

Item #	Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type
1	C1, C3, C7, C9, C10,	12		MCASG168SB7104KTNA01	100nF	0603	SMD
2	C6	1		F980J107MMAAXE	100uF	0603	SMD
3	C11, C17, C20	3		CL10A105KO8NNND	1uF	0603	SMD
4	C5, C8	2		C1608C0G1H080D080AA	8pF	0603	SMD
5	C2, C4	2		06031A120JAT2A	12pF	0603	SMD
6	FB1	1		BLM18KG260TN1D	Ferrite Beads	0603	SMD
7	D1	1		150060AS75000	Amber	0603	SMD
8	J3	1		USB4105-GF-A	USB Type C	custom	TH
9	R1	1		ERJ-PA3J105V	1M	0603	SMD
10	R2, R4, R10, R11	4		ERJ-PA3J104V	100K	0603	SMD
11	R3, R14	2		RCS060310K0JNEA	10K	0603	SMD
12	R5, R6	2		ERJ-PA3J200V	20R	0603	SMD
13	R7, R12, R13	3		ERJ-PA3J472V	4.7K	0603	SMD
14	R8, R9	2		ERJ-PA3J512V	5.1K	0603	SMD
15	R15	1		ERJ-PA3J101V	100R	0603	SMD
16	S1, S2	2		3-1437565-0	Button	custom	SMD
17	U3	1		AMS1117-3.3	LDO 3.3V	SOT-223-3	SMD
18	U4	1		STM32F103C8Tx	MCU	LQFP-48	SMD
19	U5, U6, U7, U8	4		SN65LVDS1DBV	High Speed Diff Line Driver	SOT-23-5	SMD
20	U9	1		MC-306 32.7680K-E0: PURE SN	32.7680K	MC-306	SMD
21	Y1	1		NX5032GA-8.000M-STD-CSU-1	8MHz	SMD5032-2Pin	SMD
22	J2, J4, J1	3			Pin Headers	2.54	NP

