





Description	Designator	LibRef	Manufacturer	Manufacturer	Quantity	Supplier 1	Supplier Curre	Supplier Orde	Supplier Part	Supplier Stoc	Supplier
Test Point W	BOOT1, BOO	TestPoint-PC-W			2	Digi-Key			36-5002-ND		
0.1uF 0603 5	C1, C4, C6, C	CAP CER 0.1UF 50V 10% X7R 0603			27	Digi-Key			399-5089-1-ND, 311-1343-1-ND		
10UF 0603 16	C2, C3, C5, C	CAP CER 10UF 16V 20% X5R 0603			10	Digi-Key			490-7201-1-ND		
CAP CER 22U	C10	CMP-001-0737-02			1						
1uF 0603 10V	C28	CAP CER 1UF 10V 10% X5R 0603			1	Digi-Key			399-3118-1-ND		
CAP CER 33P	C29, C30	CMP-007-0143-08			2						
Header, 8-Pin	CN1	CMP-001-0325-01			1						
Power Barrel	CN2	CMP-001-0507-01			1						
Header, 5-Pin	CN4	CMP-001-0310-01			1						
Mini-USB RA	CN5	CMP-001-0449-01			1						
	CS1, CS2, CS	Cap_Sense_Pad			4						
PTC RESET F	F1	CMP-001-0852-01			1						
40 OHM 0805	FB1	FERRITE 40 OHM 1.5A 0805			1	Digi-Key			240-2389-1-ND		
FERRITE 120	FB2	FERRITE BEAD 120 OHM 0603 1LN			1	Digi-Key			445-2170-1-ND		
	J1, J2	banana_jack1			2						
FIXED IND 2	L1	CMP-001-0772-02			1						
0603 SMD LE	LED1, LED2,	0603 LED			6						
	P2	jtag_debug			1						
DMP3099L-7	Q1, Q2	DMP3099L-7			2	Digi-Key			DMP3099L-7DICT-ND		
MMBT3904 N	Q3	MMBT3904			1	Digi-Key			MMBT3904WT1GOSCT-ND		
4.7K 0603	R1, R2, R5, R	RES 4.7K OHM 1/10W 5% 0603 SMD			23	Digi-Key			P4.7KGCT-ND		
1.0K 0603	R3, R4, R13,	RES 1K OHM 1% 1/10W 0603			10	Digi-Key			RMCF0603FT1K0OCT-ND		
100K 0603	R18, R25, R3	RES 100K OHM 1% 1/10W 0603			3	Digi-Key			311-100KHRCCT-ND		
100 0603	R29, R30	RES 100 OHM 1% 1/10W 0603 2017			2	Digi-Key			541-2975-1-ND		
10K 0603	R31	RES 10K OHM 1/10W 1% 0603 SMD			1	Digi-Key			P10.0KHCT-ND		
Res Thick Film	R35, R36	CMP-001-0711-04			2						
RES 1.54K OH	R47	CMP-007-0337-12			1						
ERJ3EKF510	R51, R52, R5	CMP-001-0749-04			4						
	S1, S5	rotary encoder			2						
I2C 16 bit Exp	U1	mcp23017			1						
	U2	OLED Display			1						
TPS7B6933Q	U3	R-78E5.0-0.5			1						
3.3 volt fixed	U4	LD1117S33			1	Digi-Key			497-1242-1-ND		
stm32f103rbt	U5	stm32f103rbt6			1						
TPS3808G33	U6	TPS3808G33			1						