







Comment	Description	Designator	Footprint	LibRef	Quantity
Meander Antenna	PCB TRACE	ANT1	Meander2.4G	Meander Antenna	
2.4GHz	DONT TRY TO LOOK FOR PARTS	AN11	Meander2.4G	2.4GHz	
4.7uF	Capacitor	C1, C34, C36	C_1206	Сар	
		C2, C5, C8, C11, C14,			
400 5		C15, C18, C25, C26,	0.000		
100nF	Capacitor	C27, C28, C29, C30, C31, C33, C35, C37,	C_0603	Сар	1
		C38			
10uF	Capacitor	C3, C4, C39	C_0805	Сар	
1uF	Capacitor	C6, C7, C9, C12, C13,	C_0603	Cap	
		C16, C17, C40	_	'	
150nF	Capacitor	C10	C_0603	Cap	
0.8pF	Capacitor	C19	C_0603 C_0603	Cap	
0.3pF Not Fitted	Capacitor Capacitor	C20 C21	C_0603 C_0603	Cap Cap	
1.2pF	Capacitor	C22	C_0603	Сар	
20pF	Capacitor	C23, C24	C_0603	Сар	
100pF	Capacitor	C32	C_0603	Cap	
RED	Typical RED, GREEN,				
	YELLOW, AMBER	D1, D?	D-0603	LED2	
	GaAs LED Ultra-small, low-				
LFB182G45BG4D268	profiled, lightweight	ELT1	LFB182G45BG4D268	LFB182G45BG4D268	
LI D102040D04D200	band-pass filters.	1211	LI D 102043D04D200	LI D102043D04D200	
	Micro USB B Type				
	Receptacle, 1.8 A, -55		FCI-10118194-0001LF-		
MicroUSB	to 85 degC, 5-Pin	J1	5_V	CMP-2000-05120-1	
	SMD, RoHS, Tape and		[
	Reel SMT ZIF Connectors				
	WR-FPC, Horizontal,		1		
68710814522	Bottom Contact,	J2	68710814522	CMP-1502-01528-1	
	pitch 0.5 mm, 8 pins		1		
2.2uH	Inductor	L1	L-1008	Inductor	
2.7nH	Inductor	L2	L-0603	Inductor	
3.6nH	Inductor	L3	L-0603	Inductor	
10uH	Inductor	L4	L-0603	Inductor	
	Male Header, Pitch 2				
JST-PH	mm, 1 x 2 Position, Height 5.5 mm, -25 to	D1	JST- S2B-PH-SM4-	CMP-1755-00001-1	
J31-PH	85 degC, RoHS, Tape	PI	TB(LF)(SN)-2_V	CIVIP-1755-00001-1	
	and Reel				
PWR	Header, 2-Pin	P2, P9	MHDR1X2	MHDR1X2	
UART	Header, 2-Pin	P3, P6	MHDR1X2	MHDR1X2	
BAT	Header, 3-Pin	P4, P7	MHDR1X3	MHDR1X3	
Programmer	Header, 5-Pin	P5	HDR1X5	MHDR1X5	
MHDR1X9	Header, 9-Pin	P8, P10	MHDR1X9	MHDR1X9	
10K	Resistor	R1, R2, R3, R6, R7, R8,	C_0603	Res1	1
1K2	Resistor	R9, R10, R11, R15, R? R4	C_0603	Res1	
3K	Resistor	R5	C_0603	Res1	
4K7		R12, R13, R14, R16,		Res1	
	Resistor	R17, R18	C_0603		
NTC	2322-640-63103	RT1	HDR1X2	NTC/PTC	
NRESET	Single-Pole, Single-	S1	B3U-1000P-B	SW-SPST	
	Throw Switch Single-Pole, Single-				
BOOT	Throw Switch	S2	B3U-1000P-B	SW-SPST	
	Single-Pole, Single-				
USR-BTN	Throw Switch	S3	HDR1X2	SW-SPST	
	2A 1-Cell Li+ DC-DC		QFN28P40S400X400E		
MAX8903A	Chargersfor USB and	U1	P260x260	MAX8903A	
	Adapter Power				
USBLC6-2	Very low capacitance	112	SOT23-6P95R280X90	USBLC6-2	
	ESD protection	02	30123-UF 70K28UA9U	USBLUU-Z	
	500 mA low		l		
LD39050PU33R	quiescent current		SON6P95S300X300EP	i pagarapi : -	
	and low noise	U3	237x149	LD39050PUxxR	
	voltage regulator				
MIC5502-1.8YMT	Single 300mA LDO	U4	DFN4P65S100x100EP4	MIC550x-x.xYMT	
	.5		8x48		1
MIC5502-2.8YMT	Single 300mA LDO	U5	DFN4P65S100x100EP4 8x48	MIC550x-x.xYMT	
	Multiprotocol		ON TO		1
	wireless 32-bit MCU		1		
	Arm*-based Cortex*-		QFN48P50S700x700E		
STM32WB55Cx	M4 with FPU,	U6	QFN48P50S700x700E P560x560	STM32WB55Cx	
	Bluetooth® 5 and				
	802.15.4 radio		1		
	solution		 		
	TXB0108 8-Bit		1		
	Bidirectional Voltage		1		
	Level Translator with		1		
			1		
	Auto-Direction		1		
	Sensing and			CMP-2000-07337-1	
TXB0108PWR	Sensing and +/- 15-kV ESD	U7	PW0020A_L		
TXB0108PWR	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6	U7	PW0020A_L		
TXB0108PWR	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6 V, -40 to 85 degC, 20-	U7	PW0020A_L		
TXB0108PWR	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6 V, -40 to 85 degC, 20- Pin TSSOP (PW),	U7	PW0020A_L		
TXB0108PWR	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6 V, -40 to 85 degC, 20- Pin TSSOP (PW), Green (RoHS & no		PW0020A_L		
TXB0108PWR	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6 V, -40 to 85 degC, 20- Pin TSSOP (PW),		PW0020A_L		
TXB0108PWR	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6 V, -40 to 85 degC, 20- Pin TSSOP (PW), Green (RoHS & no		PW0020A_L		
TXB0108PWR MAX3010x	Sensing and 4/- 15-kV ESD Protection, 1.2 to 3.6 Y, -40 to 85 degC, 20- Pin TSSOP (PW), Green (RoHS & no Sb/Br), Tape and Reel Pulse Oximeter and Heart-Rate Sensor IC		PW0020A_L OESIP14R560x330	MAX3010x	
	Sensing and +/- 15-kV ESD Protection, 1.2 to 3.6 V, -40 to 85 degC, 20- Pin TSSOP (PW), Green (RoHS & no Sb/Br), Tape and Reel Pulse Oximeter and		_	MAX3010x XTAL 3215	