

Line #	Name	Description	Designator	Quantity	Value	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
1	C0402	0402 Ceramic Chip	C1	1	0.1uF							
2	C0402	0402 Ceramic Chip	C2	1	1uF							
3	C0402	0402 Ceramic Chip	C3	1	0.11uF							
4	C0603	0603 Ceramic Chip	C4, C6, C8	3	0.1uF							
5	C0603	0603 Ceramic Chip	C5, C7, C9, C13, C16	5	4.7uF							
6	C0402	0402 Ceramic Chip	C10, C11	2	4.3pF							
7	C0402	0402 Ceramic Chip	C12	1	0.1uF							
8	C0402	0402 Ceramic Chip	C14	1	22nF							
9	C0402	0402 Ceramic Chip	C15	1	100nF							
10	C0603	0603 Ceramic Chip	C17, C18, C19	3	4.7uF							
11	RB521S30T1	Schottky Barrier Diode	D1	1		ON Semiconductor	RB521S30T1G	Volume Production	Digi-Key	RB521S30T1GOSDKR-ND	0.15	0.15
12	D0603	0603 SMD LED	D2	1	B							
13	10 PIN	10 Pin Programming Header	J1	1		Samtec	FTSH-105-01-F-D-K	Volume Production	Digi-Key	SAM8909-ND	2.78	2.78
14	73412-0110	50 Ohms, MCRF, F	J2	1		Molex	73412-0110	Volume Production	Digi-Key	WM5587CT-ND	0.77	0.77
15	NTR2101PT1G	Small Signal MOSFET	Q1, Q3	2		ON Semiconductor	NTR2101PT1G	Volume Production	Digi-Key	NTR2101PT1GOSDKR-ND	0.41	0.82
16	2N7002ET1G	Small Signal MOSFET	Q2	1		ON Semiconductor	2N7002ET1G	Volume Production	Digi-Key	2N7002ET1GOSCT-ND	0.19	0.19
17	R0402	0402 Chip Resistor	R1, R8	2	220R							
18	R0402	0402 Chip Resistor	R2, R3	2	500k							
19	R0402	0402 Chip Resistor	R4	1	47k							
20	R0402	0402 Chip Resistor	R5, R6	2	1.0M							
21	R0402	0402 Chip Resistor	R7	1	220k							
22	IC REG LINEAR	Linear Voltage Regulator	U1	1		Toshiba	TCR2EE33,LM(CT	Volume Production	Digi-Key	TCR2EE33LM(CTCT-ND	0.42	0.42
23	DRV5032FBD	Hall Effect Sensor	U2	1		Texas Instruments	DRV5032FBDDBZT	Unknown	Digi-Key	296-46624-1-ND	1.32	1.32
24	STM32L011K	STMicromicro ARM Microcontroller	U3	1		STMicroelectronics	STM32L071KZT6	Unknown	Digi-Key	497-18578-ND	4.46	4.46
25	RF RCVR GNSS	Concurrent GNSS Receiver	U4	1		u-blox	NEO-M8N-0	Unknown	Digi-Key	672-1008-1-ND		
26	STM809TWS	IC MPU RESET CIRCUIT	U5	1		STMicroelectronics	STM809TWS6F	Volume Production	Digi-Key	497-3339-1-ND	0.44	0.44
27	32.768kHz	NDK RTC 12.5pF Crystal	Y1	1		NDK	NX3215SA-32.768K-STD-MUA-8	Volume Production	Digi-Key	644-1156-1-ND	0.68	0.68