

Part #	Name	Description	Designator	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer 1 (Original)	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
ADXL362		Micropower, 3-Axis, ±2 g/4 g Full Digital Output MEMS Accelerometer	ADXL362			1	Analog Devices	ADXL362RCZ-RL7	Volume Production	Mouser	984-ADXL362RCZ-RL7	7.41	7.41
AMP1 Receptacle		Miniature Coaxial Connector, 50 Ohm, SMA	AMP1			1	Worse	01FLR-SMT-11108	Volume Production	Digi-Key	411801D08R-ND	1.32	1.32
AWM130-3601		Coaxial connector with Switch	A42			1	Muratec	AWM130-2608A2	Volume Production	Digi-Key	495-4981-1-ND	0.33	0.33
GSBLA 01 A		Antenna Acoustic Delay Element Directional GPS/GLO/GALILEO/IRIDIUM	ANT_GNSS			1	Taoglas	GSBLA 01 A	Volume Production	Digi-Key	931-1300-1-ND	13.35	13.35
RM02-220		44 Tolerant, 220	ANT_1TR			1	Fractus	RM02-220	Unknown	Digi-Key	2115-RM02-220CT-ND		
100nf		Capacitor, XSR, ±10%, C1, C2, C3, C11, C12, C14, C15, C16, C17, C18, C19				11			N.A.	N.A.			
4.7µF		Capacitor, XSR, ±20%, C2, C4, C7, C9, C20				5	Murata	20B150B14475K01D	Volume Production	Digi-Key	495-13252-1-ND		
4.7µF		Capacitor, XSR, ±20%, 10V, C3, C10				2	Murata	GRM21BR61A476ME1L	Volume Production	Digi-Key	495-9961-1-ND	0.77	1.54
2.2µF		Capacitor, XSR, ±20%, 25V, C26				1							
10µF		Capacitor, XSR, ±20%, 6.3V, C21, C22, C23				3							
100nf		Capacitor, XSR, ±10%, C24, C25				2			N.A.	N.A.			
PMT05V04ZX		Ultra low impedance double rail-to-rail I/O protection diode	D1			1	NXP Semiconductor	PMT05V04ZX215	Volume Production	Digi-Key	566-4140-1-ND		
CM1402		RF Network Filter Arrays, SMD/CAN/DO, FILTER WITH ESD PROTECTION	IS36			1	QFN Semiconductor	CM1402-G3CP	Volume Production	Mouser	746-CM1402-G3CP	0.52	0.52
120W/0.55A		Fortiis Bead, 120 Ohm @ 100MHz, 250 mOhm Max	FB1			1	Murata	BLMTSAG1215N1D	Volume Production	Digi-Key	495-1026-1-ND	0.1	0.1
2 IF (DPA)		GP1, GP2, GS1, GP1, LP2, LP1, LS1, LS2, LS3, LS4, F1, F2				12	Murata	LQW15AN2G200D	Volume Production	Digi-Key	495-7633-1-ND	0.215	2.58
1.1nH		Inductor, 1.2nH, ±2%, 100MHz, 0-20	L1			1	Murata	LQW15ANV1G00D	Volume Production	Digi-Key	495-4854-1-ND	0.14	0.14
2.2µH		Inductor, ±20%, L2				1							
SKY6943-11		Integrated Circuit	UMA			1	STMicroelectronics	SKY6943-11	Unknown	Digi-Key	863-2032-1-ND	3.3	3.3
99V160-SICAB1A		Low power System on Package with integrated LTE-M/NB-IoT modem and GPS	99V160			1				Nordic Semiconductor	99V160-SICAB1A		
Pin U41 1x2, Angled		Pin U41 1x2, 2.54mm (100mil), Right Angled, SMD	P1, P2			2	Samtec	TSM-102-01-L-SH-A	Volume Production	Samtec	TSM-102-01-L-SH-A	1.09	2.18
HR-3, 1mm		1.0mm pitch connector side entry SMD	P3			1	IST	SMC03-SRSS-TBU(F)(3N)	Volume Production	Cablecon	SMC03-SRSS-TBU(F)(3N)		
HR-2, 1mm		1.0mm pitch connector side entry SMD	P4			1	IST	SMC02-SRSS-TBU(F)(3N)	Volume Production	Cablecon	SMC02-SRSS-TBU(F)(3N)		
HR-2, 2mm		2.0mm pitch connector side entry SMD	P5			1	IST	SCB-PH-04M-TBU(F)(3N)		Cablecon	SCB-PH-04M-TBU(F)(3N)		
Pin U41 1x3		Pin U41 1x3, 2.54mm (100mil), SMD	P6, P7			2	Samtec	TSM-103-01-L-SV-P-TR	Volume Production	Samtec	TSM-103-01-L-SV-P-TR	1.22	2.44
Not mounted		Socket 2x5, 2.54mm (100mil), SMD	P8			1	Samtec	TSM-103-F-DV-P-TR	Volume Production	Cablecon	2171-203M50CUN01		
Socket 1x6		Socket 1x6, 2.54mm (100mil), SMD	P9			1	Samtec	TSM-106-F-DV-P-TR	Volume Production	Cablecon	2171-106M50CUN01		
Pin Header 2x5, 1.27mm		Pin Header 2x5, 1.27mm (50mil), SMD, 0.5mm Straddle	P10			1	Samtec	FTSH-105-01-F-DV-K	Volume Production	Cablecon	2132-105M50CUN01		
Not mounted		Pin Header 2x5, 2.54mm (100mil), SMD	P11			1	Samtec	TSM-103-01-L-DV	Volume Production	Samtec	TSM-103-01-L-DV	1.02	1.02
4PM100-CAAA		4-kenel-Pin	PM1100			1							
10k		Resistor, 47k, 0.05W	a1			1				N.A.	N.A.		
1k		Resistor, 47k, 0.05W	a2			1				N.A.	N.A.		
4k7		Resistor, 47k, 0.05W	a3			1							
1M5		Resistor, 47k, 0.05W	a4			1				N.A.	N.A.		
10k		Resistor, 47k, 0.05W	a5, a8			2	Farnell			175-8844			
10k		Resistor, 47k, 0.05W	a6			1							
20M5		Not mounted	a7			1				N.A.	N.A.		
SP72506VBA0250		8 B (4 x 2) Position Card Connector, MMD-50M Surface Mount, Right Angle Gold	SH1			1	AE Electronics	SP72506VBA0250	Volume Production	Digi-Key	435-2799-1-ND		
Switch		SW1 slide Switch (ON-ON)	SW1			1	ITT C&K	CS02011AC0N	Unknown	Mouser	411-4520011AC0N	0.57	0.57
PS SW		Tactile Switch, SPST, SW1, SW2, SW3, 4.2x3.2x2.9mm	SW2, SW3			2	ITT C&K	PT58105JK200MTRJFS	Volume Production	Digi-Key	03N10503TR-ND	0.1964	0.7017
01020113CON		Sub-Miniature Slide Switch, SPST, 300mA, 44° Vertical, 0.05	SW4			1	ITT C&K	JS1020113CON	Unknown	Mouser	411-JS1020113CON	0.77	0.77
CP2102 GBR		Single-Chip USB-to-UART Bridge, 3.3V, 40 to 80 kbps, 28-Pin QFN, RoHS, Tape and Reel	UART			1							
MicroUSB-B		MicroUSB-B, 4-Port	USB			1	AMPHENOL ICC	03118193-0001LF		Cablecon	44JSS-852111-L		
Shunt 2.54mm		Shunt Jumpoff, 2.54mm Blad	Y1, Y2			2				Digi-Key	99001-ND, or similar		
Shunt 2.54mm		SHUNT JUMPER, 1" BLACK GOLD	Y3			1	3M	99P102-0000-0A	Unknown	Digi-Key	20P9580-ND		