

Line #	Name	Description	Designator	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1	Footprint
	YCGA002AA	Antenna Module Linear 1602MHz	AE101	CMP-00025-00001-2	Up to date		Quactel Wireless Solutions	YCGA002AA	Unknown	Digkey	2958-YCGA002AA-ND	2.34	2.34	AE_Quactel_YCGA002AA
	CC0402MR6R8BB105	Multilayer Ceramic Capacitor, 1 uF, 50 V, ± 10%, X5R, 0402 [1005 Metric]	C101, C102, C103	CMP-001-00016-11	Up to date	3	Yageo	CC0402MR6R8BB105	Volume Production	LCSC	C113791	0.002	0.006	C_Yageo_CC_0402_A
	CC0402KX7R7R7BB103	Multilayer Ceramic Capacitor, 0.01 uF, 16 V, ± 10%, X7R, 0402 [1005 Metric]	C104	CMP-001-00029-1	Up to date	1	Yageo	CC0402KX7R7R7BB103	Volume Production	LCSC	C327009	0.001	0.001	C_Yageo_CC_0402_A
	CL05B104KFN9NINC	Multilayer Ceramic Capacitor, 0.1 uF, 10 V, ± 10%, X7R, 0402 [1005 Metric]	C105, C107, C111	CMP-001-00023-3	Up to date	3	Samsung	CL05B104KFN9NINC	Volume Production	LCSC	C133086	0.0018	0.18	C_Samsung_CL_0402_A
	CL05A475MPSN9NINC	Multilayer Ceramic Capacitor, 4.7 uF, 10 V, ± 20%, X5R, 0402 [1005 Metric]	C106	CMP-001-00024-3	Up to date	1	Samsung	CL05A475MPSN9NINC	Volume Production	LCSC	C23733	0.0049	0.49	C_Samsung_CL_0402_A
	CC0402JRNFO8BN150	Multilayer Ceramic Capacitor, 15 pF, 10 V, ± 5%, X7R, 0402 [1005 Metric]	C108, C109	CMP-001-00017-14	Up to date	2	Yageo	CC0402JRNFO8BN150	Volume Production	LCSC	C106997	0.008	0.016	C_Yageo_CC_0402_A
	CL05C330JB6NNINC	Multilayer Ceramic Capacitor, 33 pF, 50 V, ± 5%, C0G (NP0), 0402 [1005 Metric]	C110	CMP-001-00030-2	Up to date	1	Samsung	CL05C330JB6NNINC	Volume Production	LCSC	C70465	0.0026	0.26	C_Samsung_CL_0402_A
	CL21A108KQNNINE	Multilayer Ceramic Capacitor, 10 uF, 16 V, ± 10%, X5R, 0805 [2012 Metric]	C112	CMP-001-00022-4	Up to date	1	Samsung	CL21A108KQNNINE	Volume Production	LCSC	C1713	0.008	0.16	C_Samsung_CL_0805_A
	LTST-C190GKT	LED Uni-Color Green 565nm 2-Pin Chip LED T/R	D101, D108	CMP-007-00001-3	Up to date	2	Vishay Lite-On	LTST-C190GKT	Volume Production	LCSC	C125093	0.048	0.096	D_LED_Lite-On_Green_0603_A
	D5V0P1U2S9-7	Diode TVS Dual Uni-Dir 5.5V 250000W/2-Pin SOD-323 T/R	D102, D103, D104, D105, D106, D107	CMP-004-00007-2	Up to date	6	Diodes	D5V0P1U2S9-7	Volume Production	LCSC	C508179	0.1344	0.8064	D_TVS_Uni_Diode_s_SOD-323_B
	ESD7351HTIG	TVS-Diode 3.3VMM SOD-323	D109	CMP-004-00006-1	Up to date	1	ON Semiconductor	ESD7351HTIG	Volume Production	LCSC	C23436	0.1111	0.1111	D_TVS_Uni_Onsemi_SOD-323
	PPFC071LFBV-RC	Conn Hdr 7POS 0.1 Gold Pdb	J101	CMP-002-00007-1	Up to date	1	Sullins	PPFC071LFBV-RC	Volume Production	Digkey	S7040-ND	0.71	0.71	J_Sullins_01x07_Socket_2.54mm
	10118193-0001LF	USB Connector, 5 Contact (S), Female, Right Angle, Surface Mount Terminal, Locking, Receptacle	J102	CMP-002-00002-12	Up to date	1	Amphenol Communications Solutions	10118193-0001LF	Unknown	Digkey	609-4616-1-ND	0.54	0.54	J_USB_Micro-B_Amphenol_10118193-0001LF
	DT0432EBTL	TRANS PREBIAS NPN 50V BMTSP	Q101	CMP-013-00001-2	Up to date	1	Rohm	DT0432EBTL	Volume Production	LCSC	C96459	0.0252	0.0252	Q_Rohm_SOT-416R_B
	RC0402FR-071KL	SMD Chip Resistor, 1 kOhm, ± 1%, 62.5 mW, 0402 [1005 Metric], Thick Film, General Purpose	R101, R103	CMP-009-00002-11	Up to date	2	Yageo	RC0402FR-071KL	Volume Production	LCSC	C106235	0.005	0.01	R_Yageo_RCL_0402_A
	RC0402FR-0710KL	SMD Chip Resistor, 10 kOhm, ± 1%, 62.5 mW, 0402 [1005 Metric], Thick Film, General Purpose	R102	CMP-009-00003-11	Up to date	1	Yageo	RC0402FR-0710KL	Volume Production	LCSC	C50490	0.004	0.004	R_Yageo_RCL_0402_A
	PTS647SN50SMTR2LFS	Switch Tactile N.O. SPST Round Button Gull Wing 0.05A 12VDC 100000Cycles 0.98N SMD T/R	SW101	CMP-011-00000-13	Up to date	1	ITT C&K	PTS647SN50SMTR2LFS	Manual Solution	LCSC	C2799414	0.201	0.201	SW_Tactile_SPST_C&K_PTS647SN50SMTR2LFS
	JS102011JQCN	.JS Series Sub-Miniature Slide Switch SPDT On-On Top Slide 0.3A 6VDC J-Lead Surface Mount T/R	SW102, SW103	CMP-011-00001-10	Up to date	2	ITT C&K	JS102011JQCN	Unknown	LCSC	C221659	0.9722	1.94	SW_Slide_C&K_JS102011JQCN
	TLV1117LV33DCYR	LDO Regulator Pos 3.3V 1A4-Pin (3-Tab) SOT-223 T/R	U101	CMP-019-00002-2	Up to date	1	Texas Instruments	TLV1117LV33DCYR	Volume Production	LCSC	C15578	0.145	0.725	U_TI_SOT-223_B
	STM32R7076P6TR	IC MCU 32BIT 32kB FLASH 20TSSOP	U102	CMP-020-00001-5	Up to date	1	STMicroelectronics	STM32R7076P6TR	Volume Production	LCSC	C2800152	0.7883	0.7883	U_ST_TSSOP20_B
	LC76G4BMD	Navigation BeiDou, Galileo, GLONASS, GPS, GNSS Transceiver Module 1.561GHz, 1.575GHz, 1.602GHz Antenna Not Included Surface Mount	U103	CMP-00025-00000-4	Up to date	1	Quactel Wireless Solutions	LC76G4BMD	Manual Solution	LCSC	C7437114	3.9	3.9	U_QUECTEL_LC76G
	ECS-240-12-37B-QKY-TR	Crystal 24MHz ±10ppm (f0) ±10ppm (Stability) 12pF FUND 500um 4-Pin Mini-CSMD T/R	Y101	CMP-003-00000-11	Up to date	1	ECS International	ECS-240-12-37B-QKY-TR	Unknown	LCSC	C2450025	0.308	0.308	Y_Crystal_GND34-ECS_240-12-37B-QKY-TR