

Internal P/N	Quantity Per PCB	References	Description	Manufacturer	Manufacturer P/N
100-00008-X01	1	PCB1	PCB, Material : FR4 150 TG, Layers : 4 , Dimension : 30.00 x 50.95 mm, Thickness : 1.00 mm, Finition : Chemical Ni/Au	TBD	TBD
105-00001-M01	4	R1 R7 R10 R13	Thick Film Chip Resistor 0R, Jumper, 0.1W, 50V, 1A, -55°C/+155°C, SMD 1005M	PANASONIC	ERJ-2GE0R00
105-00002-M01	2	R2-R3	Thick Film Chip Resistor 27R, ±1%, 0.1W, 50V, ±100ppm/°C, -55°C/+155°C, SMD 1005M	PANASONIC	ERJ-2RKF27R0
105-00006-M01	3	R5 R9 R15	Thick Film Chip Resistor 100K, ±1%, 0.1W, 50V, ±100ppm/°C, -55°C/+155°C, SMD 1005M	PANASONIC	ERJ-2RKF1003
105-00050-M01	3	R4 R12 R16	Thick Film Chip Resistor 665R, ±1%, 0.1W, 50V, ±100ppm/°C, -55°C/+155°C, SMD 1005M	PANASONIC	ERJ-2RKF6650
110-00001-I01	2	C5 C8	Ceramic Chip Capacitor 10µF, ±20%, 10V, X5R, -55°C/+85°C, SMD 1005M	SAMSUNG	CL05A106MP8NUB8
110-00009-M01	2	C4 C7	Ceramic Chip Capacitor 100nF, ±10%, 16V, X7R, -55°C/+125°C, SMD 1005M	MURATA	GRM155R71C104KA88
110-00010-M01	2	C3 C6	Ceramic Chip Capacitor 10nF, ±10%, 25V, X7R, -55°C/+125°C, SMD 1005M	MURATA	GRM155R71E103KA01
110-00024-M01	2	C1-C2	Ceramic Chip Capacitor 47pF, ±5%, 25V, COG NPO, -55°C/+125°C, SMD 1005M	MURATA	GRM1555C1E470JA01
110-00075-I01	1	C9	Ceramic Chip Capacitor 10µF ±20%, 10Vdc, X5R, -55°C/+85°C, SMD 1608M	MURATA	GRM188R61A106MAAL
110-00076-I01	2	C10-C11	Ceramic Chip Capacitor 22µF ±20%, 10Vdc, X5R, -55°C/+85°C, SMD 1608M	MURATA	GRM188R61A226ME15
115-00026-A01	1	L1	WE-MAPI Shielded Power Inductor, 1µH ±20%, IR 7.4A, RDC 11.6mΩ, -40°C/+125°C, SMD 4.1x4.1x3.1mm	WURTH ELEKTRONIK	74438357010
130-00001-I02	1	LD1	LED Blue, 2.9V, 5mA, 470nm, 17mcd, -40°C/+85°C, SMD 1006M	ROHM	SMLP13BC8T
130-00002-I02	1	LD2	LED Green, 2.2V, 20mA, 560nm, 13mcd, -40°C/+85°C, SMD 1006M	ROHM	SML-P13PT
140-00001-I01	1	U1	USB to Full Handshake UART, -40°C/+85°C, SMD QFN-20 (4X4)	FTDI	FT231XQ
140-00050-A01	1	U2	3.7A Boost Converter with 0.5V Ultra-low Input Voltage, -40°C/+125°C, SMD SOT-563 (D 1.6x1.6x0.6mm / P 0.6mm)	TEXAS INSTRUMENTS	TPS61023DRL
155-00002-M01	2	FB1-FB2	Chip Ferrite Bead, 33ohm ±25% @ 100MHZ, 3A, 0.022ohm, -55°C/+125°C, SMD 1005M	MURATA	BLM15PX330SN1
160-00001-I01	1	J2	U.FL Series, Ultra Small Surface Mount Coaxial Connector, Receptacle, DC to 6GHz, 50Ω, -40°C/+90°C, SMD	HIROSE	U.FL-R-SMT-1
160-00054-E01	1	J3	1.0mm Pitch SH Shrouded Header, Right Angle, 5 Circuits, -25°C/+85°C, SMD	JST	SM05B-SRSS-TB
195-00011-C01	1	MOD1	Low Power Satellite Transmitter Module, ARGOS-2 Technology, -20°C/+55°C, SMD 31.2x21x3.5mm	KINEIS	KIM1

Do Not Fit	4	R6 R8 R11 R14
------------	---	---------------