





Designator	Quantity	Description	Comment	Footprint
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16	16	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0402, X5R, 220nF, 10V	220nF, 10V	WURTH_WCAP- CSGP_0402
C17, C18, C19, C20	4	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0402, NP0, 10pF, 16V	10pF, 16V	WURTH_WCAP- CSGP_0402
F1, F2, F3, F4, F5, F6	6	Band Pass RF Filter	BFTC-XXXX+	Mini-Circuits_FV1206
J1, J2	2	0.50 mm Q Pairs® High-Speed Ground Plane Terminal Strip, Differential Pair	QTH-020-01-F-D-DP	SAMTEC_QTH-020-01- X-D-DP-A
J3	1	Coplanar Open Ended Card Edge Connector 10 Pin	00-9159-010-061-911	KYOCERA_00-9159- 010-061-911
J4, J5, J6, J7	4	50 Ω MMCX up to 6 GHz	MMCX-J-P-X-ST-SM1	MMCX-J-P-X-ST-SM1
J8	1	Tag-Connect 6-pin Plug-of-Nails spring- pin cable footprint	TC2030	TC2030-DUAL
MP1, MP2	2	Button Head Torx Screws 18-8 Stainless Steel, M3 x 0.5 mm Thread, 4 mm Long	M3x4mm	90910A572
MP3, MP4	2	Button Head Torx Screws 18-8 Stainless Steel, M2 x 0.4mm Thread, 4mm Long	M2x4mm	90910A572
R1, R2, R3, R4	4	General Purpose Thick Film Chip Resistors	100 Ω	PANASONIC_ERJ2G_0 402
T1, T2, T3, T4	4	1:1 Flux Coupled Balun 0.1-200MHz	ETC1-1T-2TR	MA-COM_ETC1-1T- 2TR
U1	1	Dual-Channel, 16-Bit, 1.6/2.5 GSPS, Digital- to-Analog Converter with 12.5 Gbps JESD204B Interface.	DAC37J82	TEXAS_FCBGA144
U2	1	MSP430™ FRAM Microcontroller IC 16- Bit 16MHz 64KB (64K x 8) FRAM 48-VQFN (7x7)	MSP430FR5969IRGZR	TEXAS_VQFN48

