

Part number	Part Description	Quantity	Reference	Value	Vendor p/n
21A3000000H7	USB CONNECTOR 4P L20.8*W12*H4.5mm Recenda	1	CON2	4P	
03C20000016K	C C CHIP 10uF 10V +-20% X5R 0402	3	C1,C9,C21	10 uF 10 V	
03C20000012F	C C MULTILAYER 100nF 50V +-10% X5R 0402	1	C2	100 nF 50 V +-10 %	
03C10000003V	C C MULTILAYER 1uF 10V ±20% X5R 0201	3	C3,C7,C33	1 uF 10 V +-20 %	
03C2000000U1	C C CHIP 4.7uF 6.3V +-20% X5R 0402	3	C11,C40,C57	4.7 uF	
03C10000004X	C C MULTILAYER 100nF 16V ±10% X5R 0201	9	C12,C22,C23,C24,C35,C36,C54,C58,C60	100 nF 16 V	
03C20000014J	C C CHIP 15pF 25V ±1% C0G 0201	4	C56,C59,C61,C62	15 pF 25 V +-1 %	GRM0335C1E150FA01D
03C10000004N	C C CHIP 22pF 50V ±5% C0G 0402	1	C34	22pF 50V ±5%	0402N220J500CT
03C100000024	C C MULTILAYER 470nF 6.3V ±10% X5R 0201	4	C14,C17,C18,C32	470 nF 6.3V	
03C10000002J	C C MULTILAYER 2.2uF 10V +-10% X5R 0402	2	C20,C29	2.2 uF 10 V +-10 %	
03C1000000RF	C C MULTILAYER 8.2pF 25V ±0.1pF C0G 0201	2	C26,C27	8.2pF 25V +-0.1pF	GRM0335C1E8R2BA01D
03C1000000PM	C C MULTILAYER 4.7pF 50V ±0.25pF C0G 0201	2	C30,C31	4.7pF 50 V +-0.25pF	
05B10000002F	SCHOTTKY PESD5V0X1BL SOD-882	2	D2,D3	PESD5V0X1BL	
07K00000001V	TVS 6V 8.5V 0.1uA 10V 10A 30pF SMD	2	RV2,RV3	30PF	
0BC40000001H	LED R 1.95V 25mA 60mW 40mcd 0603 19-217/R6C-A	1	LED1	19-217/R6C-AM2P1VY/3T	
05A300000002	TR MMBT3904 NPN SOT-23 3P	1	Q1	MMBT3904	
02A0000000LA	R GENERAL 100KΩ ±5% 1 / 20W 0201	4	R2,R4,R8,R22	100 Kohm +-5 %	
02A0000000LC	R GENERAL 10KΩ ±5% 1 / 20W 0201	2	R7,R25	10 Kohm +-5 %	
02A0000000LE	R GENERAL 220Ω ±5% 1 / 20W 0201	1	R6	220 ohm +-5 %	
02A0000000LB	R GENERAL 0Ω ±5% 1 / 20W 0201	15	R12,R13,R14,R15,R18,R23,R24,R41,R42,R43,R46,R47,R48,R49,R50	0ohm +-5%	
04C0000000AC	MULTILAYER 2.7nH ±0.1% 14 10000MHz 0201	1	R26	2.7nH	MCI0603TN2N7B_HBP
02A0000000D0	R GENERAL 0Ω ±5% 1 / 16W 0402	2	R21,R31	0ohm +-5%	
02A1000000DY	R PRECISION 1MΩ ±1% 1 / 16 W 0402	1	R17	1MΩ ±1%	
02A10000010T	R PRECISION 249KΩ ±1% 1 / 16W 0402	1	R34	249KΩ ±1%	
20A200000041	TACT SW 1 1 50mA 12V 4 ALPS()	1	SW2	SKRWADE030	
000400000093	BUCK CONVERTER XC6228D1829R-G USPQ-4B04	1	U1	XC6228D1829R-G	

000400000089	LDO-CONVERTER XC6228D1229R-G USPQ-4B04	1	U2	XC6228D1229R-G	
002424000003	WIRELESS NXH3670UK WLCSP34	1	U3	NXH3670UK	
09B100000006	LPF NA 2360~2500dB NA L1*W0.5mm	1	U4	LPF 2360~2500dB	
001324000005	MCU MKL27Z256VMP4 MAPBGA 64	1	U5	MKL27Z256VMP4	
000100000034	OVP SGM40661YG/TR WLCSP-1.30×0.94-6	1	U6	SGM40661YG/TR	
06A100000067	CRYSTAL 24.576MHz ±10ppm 8pF L2*W1.6*H0.5mm	1	Y2	24.576MHz	
06A100000046	CRYSTAL 16MHz ±10ppm 8pF L2*W1.6*H0.55mm	1	Y1	16MHz	XTL501100-A269-074
02A0000000L4	R GENERAL 22Ω ±5% 1/20W 0201	2	R9,R10	22Ω	
03C10000002L	C C MULTILAYER 1.5pF 50V ±0.1pF C0G 0201	1	C15	1.5pF 50V ±0.1pF	
03C1000000Q1	C C MULTILAYER 2.7pF 50V ±0.1pF C0G 0201	2	C63,C64	2.7pF 50V ±0.1pF	GJM0335C1H2R7BB01D
04C00000003W	MULTILAYER 0.68μH ±10% 25 85MHz 0603	1	L3	0.68μH ±10%	CL160808T-R68K-N
04C0000000AH	MULTILAYER 1.5nH ±0.1nH 500MHz 0201	1	L4	1.5nH ±0.1nH	MHQ0603P1N5BT000
04C0000000AG	MULTILAYER 1.1nH ±0.1nH 500MHz 0202	1	L5	1.1nH ±0.1nH	MHQ0603P1N1BT000
04C0000000AF	MULTILAYER 1.0nH ±0.1nH 500MHz 0201	1	L6	1.0nH ±0.1nH	MHQ0603P1N0BT000
000700000006	RF AMPLIFIER SKY66114-11 SMD	1	U7	SKY66114-11	SKY66114-11
04C0000000AJ	MULTILAYER 0.8nH ±0.1nH 500MHz 0201	1	L7	0.8nH ±0.1nH	MHQ0603P0N8BT000
03C20000014Z	C C CHIP 0.4pF 50V ±0.05pF C0G 0201	1	C13	0.4pF 50V	GJM0335C1HR40WB01
03C20000014T	C C CHIP 0.2pF 50V ±0.05pF C0G 0201	2	C70,C71	0.2pF 50V	GJM0335C1HR20WB01
03C2000000TK	C C CHIP 1nF 25V ±10% X7R 0201	3	C65,C66,C67	1nF 25V	GRM033R71E102KA01D
26TX65506B01	PCB HDI 1 L26.7*W14.9*t0.8mm 6L FR-4_TX_DONGLE	1		PCB	