

Comment	Description	Designator	Footprint	LibRef	Quantity
Balun CC2530	Balun CC2530 2450BM15A0002	B1	2450BM15A0002	2450BM15A0002	1
CAP CER 1.0UF 6.3V 10%X5R 0402	CAP CER 1.0UF 6.3V 10%X5R 0402	C1, C2, C10, C11, C20, C21, C38, C41	1005[0402]	1.0uF 0402	8
CAP CER 2.2UF 4V X5R 0402	CAP CER 2.2UF 4V X5R 0402	C3	1005[0402]	2.2uF 0402 4V	1
CAP CER 1.0UF 10V 10%X5R 0402	CAP CER 1.0UF 10V 10%X5R 0402	C4, C5, C7, C12, C13, C14	1005[0402]	0.1uF 0402	6
Cap SMD 1.0uF 0603 25V	CAP CER 10F 25V X7R 10%0603	C6, C18	1608[0603]	1.0uF 25V 0603	2
Cap SMD 1.2pF 0402 HF	Cap SMD 1pF 0402 HF	C8	1005[0402]	1.2pF 0402	1
CAP CER 220PF 50V 5%COG 0402	CAP CER 220PF 50V 5%COG 0402	C9	1005[0402]	220pF 0402	1
10pF 0402	CAP CERM 10PF 50V COG 0402	C15, C16	1005[0402]	10pF 50V COG 0402	2
Cap SMD 27pF 0402	CAP CER 27PF 50V COG 0402	C17	1005[0402]	22pF 0402	1
Cap SMD 4.7uF 0805 10V	CAP CER 4.7UF 10V X7R 0805	C19	C0805	4.7uF 10V 0805	1
CAP 1000pF 50V 0402	CAP 1000PF 50V CERAMIC X7R 0402	C39	1005[0402]	CAP 1000pF 50V 0402	1
CAP 10000pF 16V 0402	CAP 10000PF 16V CERAMIC 0402 SMD	C40	1005[0402]	CAP 10000pF 16V 0402	1
MBR0530	DIODE SCHOTTKY 30V 500MA SOD123	D1	SOD-123	MBR0530	1
LED DOT PNT 1.8MM RED	LED DOT PNT 1.8MM HIEFF RED DIFF	D2	LED-DOT	LED DOT PNT 1.8MM RED	1
Chip Antenna 18pkg	Chip Antenna 18pkg	E1	2450AT18B100	Chip Antenna 18pkg	1
Header 6 Flex	Header, 6-Pin. Flex	J2	5014810501 - Keepout	Header 6 Flex	1
USB Micro B R/A	USB 2.0, Right Angle, SMT, Micro B Type, Receptacle	J3	USB micro b	USB Micro B R/A	1
FILTER CHIP 1000 OHM 250MA 0402	FILTER CHIP 1000 OHM 250MA 0402	L1	1005[0402]	FILTER CHIP 1000 OHM 250MA 0402	1
IND 10uH LQH3	INDUCTOR 10UH 30%630MA 1212	L2	LQH3NP	IND 10uH LQH3	1
Ind 3.3nH 0402 HF	Ind 3.3nH 0402 HF	L3	1005[0402]	3.3nH 0402	1
Ind 2.7nH 0402 HF	Ind 2.7nH 0402 HF	L4	1005[0402]	2.7nH 0402	1
56.0K 0402	Res 56.0K 0402	R1, R34, R35, R40	1005[0402]	56.0K 0402	4
RES 30.0K 0402	RES 30.0K OHM 1/ 16W 1%0402 SMD	R4, R8	1005[0402]	RES 30.0K 0402	2
RES 118K 0402	RES 118K OHM 1/ 16W 1%0402 SMD	R5	1005[0402]	RES 118K 0402	1
RES 1.80M 0402	RES 1.80M OHM 1/ 16W 1%0402 SMD	R6, R36	1005[0402]	RES 1.80M 0402	2
160K 0402	RES 160K OHM 1/ 16W 1%0402 SMD	R7, R39	1005[0402]	160K 0402	2
2.00M 0402	RES 2.00M OHM 1/ 16W 1%0402 SMD	R9	1005[0402]	Res 2.00M 0402	1
1.00M 0402	RES 1.00M OHM 1/ 16W 1%0402 SMD	R10	1005[0402]	1.00M 0402	1
RES 750 0402	RES 750 OHM 1/ 16W 1%0402 SMD	R33	1005[0402]	RES 750 0402	1
RES 909K 0402	RES 909K OHM 1/ 16W 1%0402 SMD	R37	1005[0402]	RES 909K 0402	1
SW-PB RA	Switch	S1	PBSW RA	SW-PB RA	1
Test Point Pin	PC TEST POINT Pin	TP1, TP2	Test Point Pin	Test Point Pin	2
CC2530	System-on-Chip Solution for 2.4-GHz IEEE 802.15.4	U1	QFN-ML40_N	CC2530	1
MC14504BDTG	Hex Level Shifter for TTL-to-CMOS or CMOS-to-CMOS	U2	TSSOP-16	MC14504BDTG	1
L6924D	IC BATT CHRGR ION/POLY 16- VFQFPN	U3	VFQFPN 16	L6924D Battery Charger	1
TPS61041	IC CONV DC/DC BOOST LP SOT-23- 5	U4	SOT-23-5	TPS61041	1
TPS71501	IC LDO REG ADJ 50MA MCPWR SC70-5	U5	SC70-LT5_N	TPS715	1
XTAL-32MHz	CyCRYSTAL 32.000	Y1	NX2520	CRYSTAL 32.000000	1