

Item	Quantity	Reference	Value	Part	Package	Digi-Key PN	Manufacturer PN	Manufacturer
1	7	C1, C2, C3, C5, C6, C7, C14	2.2uF/6.3v	CAP CER 2.2UF 6.3V 10% X5R 0402	SM_C_0402		C1005X5R0J225K	TDK Corporation
2	1	C4	470pF/16V	CAP CER 470PF 16V 10% X7R 0402	SM_C_0402		C0402C471K4RACTU	Kemet
3	1	C8	0.1uF/16V	CAP CER 0.1UF 16V 10% X7R 0402	SM_C_0402		EMK105B7104KV-F	Taiyo Yuden
4	4	C12, C13, C15, C16	10pF/50V	CAP CER 10PF 50V 5% NP0 0402	SM_C_0402		CC0402JRNPO98N100	Yageo
5	2	C17, C18	10uF	CAP CER 10UF 6.3V 20% X5R 0603	SM_C_0603		JMK107B106MA-T	Taiyo Yuden
6	2	C19, C21	0.1uF/6.3V	CAP CER 0.1UF 6.3V 10% X5R 0402	SM_C_0402		C0402C104K9PACTU	Kemet
7	1	C20	1.0uF/6.3V	CAP CER 1UF 6.3V 10% X5R 0402	SM_C_0402		JMK105B105KV-F	Taiyo Yuden
8	1	J1	30R-JMCS-G-B-TF(S)	CONN RCPT 30POS 0.5MM SMD GOLD	30R-JMCS-G-B-TF(S)		30R-JMCS-G-B-TF(S)	JMC Connector
9	1	J2	FPC14	CONN .5MM FPC 14PS RA SMD B-FLIP	CONN14_FPC		14FLH-SM1-TB	JST
10	1	L1	3.0nH+/-0.1nH	IND.0402.FILM.3.0nH,+/-0.1nH	SM_L_0402		ATFC-0402-3N0-BT	Abracon Corporation
11	1	L3	4.3nH+/-3%	IND.0402.FILM.4.3nH,+/-3%	SM_L_0402		LQP15MN4N3B02D	Murata
12	1	LF1	LFL152G45TC4C249	Signal Conditioning 2.45GHZ	SMD1X0.5X0.4mm		LFL152G45TC4C249	Murata
13	1	LF2	SAFEA2G45RA0F00	RF_SPEC.SAW FILTER FOR WLAN,SAFEA2G45RA0F00	SMD1.35X1.05X0.5mm		SAFEA2G45RA0F00	Murata
14	12	R2, R3, R4, R5, R23, R24, R25, R26, R27, R28, R29, R30	0R	RES 0.0 OHM 1/10W 0201 SMD	SM_R_0201		ERJ-1GE0R00C	Panasonic
15	6	R6, R7, R8, R9, R10, R11	10K	RES 10K OHM 1/10W 5% 0201 SMD	SM_R_0201		ERJ-1GEJ103C	Panasonic
16	1	U1	AR6233	Dulia band complete, small form factor 802.11 a/b/g/n WLAN	116LGA8.4X8.4X1.12mm		AR6233	Atheros Communications
17	1	U2	AAT4280IGU-3-T1	AAT4280 Series P Ch High Side 2.3 A Slew Rate Controlled	SOT95P280X120-6N		AAT4280IGU-3-T1	ANALOGICTECH
18	1	U3	TPS79918YZUR	IC LDO REG 200MA 1.8V 5-DSBGA	DSBGA_5		TPS79918YZUR	Texas Instruments
19	1	R15	374K Resistor	RES 374K OHM 1/20W 1% 0201 SMD	SM_R_0201		ERJ-1GEF3743C	Panasonic Electronic
20	1	D1	DIODE ESD	DIODE ESD PROECT ULOW SOD-882	SOD-882		PESD5V0U1BL315	NXP Semiconductors
21	1	SW1	SWITCH, SPST	Tactile & Jog Switches, Side Actuated, Fa=1.55N	SMD		KSC421V2 705h LFS	C&K Components
22	1		BT/WIFI 2.4G antenna				DBT Ant2	DBT
23	2	R14,C9	0R 0402	RES 0.0 OHM 1/16W 0402 SMD	SM_L_0402	541-0.0JCT-ND	CRCW04020000020ED	Vishay Dale
24	2	Ant1, Ant2	Antenna, Contact	Antenna, Contact	Antenna_contact		P-JS-1T-25	JITSTECH ELECTRONIC
25	1	Ant4	ANTENNA CHIP 2.4GHZ	2.4 GHz WLAN, Home RF, Bluetooth Antenna		712-1010-1-ND	2450AT43B100E	Johanson Technology
26	1	L2	INDUCTOR 4.3nH	INDUCTOR 4.3nH 0402	SM_L_0402		LQG15HN4N3S02D	Murata
27	1	L4	CAP CER 1.8PF	CAP CER 1.8pF 0402	SM_C_0402		GJM1555C1H1R8CB01D	Murata
28	1		PCB				IEN0023-09	Ienso Inc.
29	1		EMI shielding CAN				100569	

unpopulated components (only for reference)								
Item	Quantity	Reference	Value	Part	Package	Digi-Key PN	Manufacturer PN	Manufacturer
1	1	TR1						
2	1	Ant3						
3	1	R1						
4	1	R13						
5	2	R17,R18						
6	2	R19,R20						
7	2	R21,R22						
8	2	R31,R32						
9	1	S1						
10	2	C10, C11						

Note: Version hstory records are on previous sheet