

Item	Quantity	Reference	Description	Vendor	Vendor Part Number
1	76	C1, C2, C9, C12, C14, C17, C20, C23, C26, C34, C36, C37, C38, C39, C40, C41, C42, C43, C52, C54, C65, C72, C76, C85, C91, C93, C98, C103, C109, C113, C123, C124, C126, C127, C129, C130, C133, C135, C136, C139, C140, C145, C150, C151, C154, C158, C163, C170, C192, C198, C210, C214, C230, C244, C246, C249, C252, C254, C258, C259, C260, C263, C264, C271, C272, C275, C277, C278, C281, C285, C286, , C291, C292, C298, C299, C300, C301, C302, C303, C305, C307	CAP,0402,X5R,0.1uF, +/- 10%, 10V	TAIYO YUDEN	LMK105BJ104KV
2	14	C3, C5, C73, C99, C131, C143, C180, C248, C251, C253, C257, C270, C273, C280	CAP,1206,X5R,4.7uF, +/- 10%, 16V	TAIYO YUDEN	EMK316BJ475KL
3	14	C7, C8, C10, C11, C28, C44, C50, C86, C171, C190, C239, C240, C268, C269	CAP,0805,X5R,2.2uF, +/- 10%, 10V	TAIYO YUDEN	LMK212BJ225KG
4	37	C13, C15, C16, C18, C19, C21, C22, C24, C25, C27, C53, C55, C120, C125, C134, C137, C138, C144, C161, C162, C177, C182, C201, C209, C215, C245, C247, C250, C255, C261, C262, C265, C267, C274, C276, C304, C306	CAP,0402,X5R,0.01uF, +/- 10%, 25V	TAIYO YUDEN	TMK105BJ103KV
5	16	C29, C30, C58, C66, C74, C88, C89, C90, C94, C95, C97, C100, C102, C105, C213, C218	CAP,0402,NPO,2.2pF, +/- 0.25pF, 50V	PHYCOMP	0402CG229C9B200
6	39	C32, C60, C64, C68, C70, C82, C92, C106, C107, C108, C114, C117, C155, C156, C159, C164, C165, C166, C172, C176, C178, C183, C189, C194, C195, C203, C205, C206, C208, C211, C216, C219, C221, C223, C227, C229, C235, C237, C242	CAP,0402,NPO,10pF, +/- 5%, 50V	PHYCOMP	0402CG100J9B200
7	5	C45, C111, C112, C193, C57	CAP,0402,NPO,0.5pF, +/- 0.1pF, 25V	JOHANSON TECHNOLOGY	250R07C0R5BV4
8	1	C46	CAP,0402,NPO,1.2pF, +/- 0.25pF, 50V	PHYCOMP	0402CG129C9B200
9	6	C48, C59, C80, C96, C148, C212	CAP,0603,X5R,1uF, +/- 10%, 10V	TAIYO YUDEN	LMK107BJ105KA
10	17	C49, C63, C67, C69, C83, C115, C116, C157, C160, C167, C179, C188, C197, C224, C225, C228, C236	CAP,0402,NPO,1pF, +/- 0.25pF, 50V	PHYCOMP	0402CG109C9B200
11	3	C62, C61, R94	CAP,0402,NPO,47pF, +/- 5%, 50V	PHYCOMP	0402CG470J9B200
12	2	C77, C71	CAP,1206,X5R,10uF, +/-10%, 6.3V, 1.6mm tall	TAIYO YUDEN	JMK316BJ106KL
13	3	C75, C110, C233	CAP,0402,NPO,120pF, +/- 5%, 50V	PHYCOMP	0402CG121J9B200
14	7	C78, C152, C169, C181, C191, C220, C232	CAP,0402,NPO,22pF, +/- 5%, 50V	PHYCOMP	0402CG220J9B200
15	9	C79, C81, C118, C122, C147, C234, C238, C243, C266	CAP,0402,X7R,330pF, +/- 10%, 50V	PHYCOMP	04022R331K9B20D
16	2	C119, C104	CAP,0402,NPO,15pF, +/- 5%, 50V	PHYCOMP	0402CG150J9B200
17	3	C128, C402, C403	CAP,0402,NPO,100pF, +/- 5%, 50V	PHYCOMP	0402CG101J9B200
18	1	C146	CAP,0402,NPO,1.8pF, +/- 0.25pF, 50V	PHYCOMP	0402CG189C9B200
19	1	C168	CAP,0603,NPO,15pF, +/- 2%, 50V	KEMET	0603C150G5GACTU
20	3	C174, C217, C226	CAP,0402,NPO,1.5pF, +/- 0.25pF, 50V	PHYCOMP	0402CG159C9B200
21	1	C175	CAP,0402,NPO,3.9pF, +/- 0.25pF, 50V	PHYCOMP	0402CG399C9B200
22	2	C196, C204	CAP,0402,NPO,2.7pF, +/- 0.25pF, 50V	PHYCOMP	0402CG279C9B200
23	3	C200, C231, C241	CAP,0402,X7R,470pF, +/- 10%, 50V	TAIYO YUDEN	UMK105BJ471KV
24	1	C279	CAP,TANTB,33uF, +/- 20%, 10V	PANASONIC	ECS-T1AX336R
25	1	C282	CAP,1206,X5R,22uF, +/- 10%, 6.3V, 1.6mm tall	TAIYO YUDEN	JMK316BJ226KL
26	25	L15, L18, L22, R30, R31, R35, R37, R41, R51, R52, R81, R83, R86, R95, R96, R98, R119, C284, R163, R164, R165, R166, R40, R47, R170	RES,0402,0 OHMS, +/- 5%, 1/16W	R. G. ALLEN CO	CR10B000JT
27	DNP		LED,TH,RT,3MM DOME,GR/Y	SUN LED	XNN1LUGY86M
28	3	DS3, DS5, DS8	LED,TH,RT,3MM DOME,GREEN	LUMEX	SSF-LXH103GD
29	2	D3, D1	DIO,SINGLE_SC-79,SCHOTTKY DETECTOR	Skyworks Solutions	SMS7621-079
31	1	F3	RF_SPEC,BAND PASS FILTER,5GHz	TDK	DEA205425BT-2028A4
32	1	F4	RF_SPEC,BALUN,5GHz	TDK	HHM1570B1
33	DNP	F7, F5	DIPLEXER,SMD,6PIN	NTK	LDG0UQD-3060C
34	1	F8	RF_SPEC,BAND PASS FILTER,5GHz	MURATA	LFB215G37SG8A185
35	1	F10	RF_SPEC,BAND PASS FILTER,2.4GHz	MURATA	LFB2H2G45SG7A204
36	1	F12	RF_SPEC,BALUN,2.4GHz	TDK	HHM1517
37	1	F13	RF_SPEC,BAND PASS FILTER,2.4GHz	TDK	DEA252400BT-2030A1
38	1	JP1	CON,TH,6X2,.1X.1,Gold Plated, 12 Pin	SULLINS ELECTRONICS CORP	PZC06DAAN
39	1	J1	CON,TH,7X2,.1X.1,Gold Plated, 14 Pin	SULLINS ELECTRONICS CORP	PZC07DAAN
40	DNP		CON,TH,4X Ethernet Jack with Magnetics	SPEEDTECH	P64-13Z-0AG9
41	DNP		CON JACK POWER 1.3mm PCB	CUI STACK INC.	PJ-013D
42	DNP		CON,TH,Ethernet Jack with Magnetics	SPEEDTECH	P02-B02-1AG9
43	DNP	J5, J6, J7, J8, J13, J14	CON,Ultra-Miniature Coax	Hirose	U.FL-R-SMT (01)
44	3	L32, L33, L34	FER 0805,BK2125	TAIYO YUDEN	LFBK2125LM252
45	4	L3, L5, L7, L10	FER,0603,600 OHM +/- 25%, 200mA	MURATA	BLM18AG601SN1
46	4	L4, L8, L9, L29	IND,0402,1.8nH, +/- 0.1nH	MURATA	LQP15MN1N8B02
47	2	L23, L21	IND,0402,8.2nH, +/- 5%	MURATA	LQG15HN8N2J02
48	2	L24, L27	IND,0402,3.3nH, +/- 0.1nH	MURATA	LQP15MN3N3B02
49	2	L30, L26	IND,0402,3.9nH, +/- 0.1nH	MURATA	LQP15MN3N9B02
50	1	L28	IND,0402,18nH, +/- 5%	MURATA	LQG15HN18NJ02
51	1	L31	IND,0402,6.8nH, +/- 5%	MURATA	LQG15HN6N8J02
52	2	L35, L36	FER,1206,80 OHM,3A	STEWART	HI1206N800R-00
53	4	Q1, Q2, Q4, Q9	SOT-23 / PNP 350MW	CENTRAL SEMI	CMPT3906
54	1	Q3	RF_SPEC,HEMT,SOT-343,LNA,5GHz	AGILENT	ATF-55143
55	2	Q8, Q5	SOT-23 / NPN 350MW	CENTRAL SEMI	CMPT3904
56	1	Q7	RF_SPEC_LNA,2.4GHZ	Sirenza	SGA-8343
57	2	RP8, RP1	RPAK,4X0603,10K OHMS, +/- 5%	CTS	742X083103J
58	6	RP2, RP3, RP4, RP5, RP6, RP7	RPAK,4X0603, 56 OHMS, +/- 5%	CTS	742X083560J
59	15	R1, R50, R55, R76, R112, R127, R135, R136, R139, R142, R149, R151, R152, R153, R154	RES,0402,10K OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B103JT
60	6	R2, R143, R144, R145, R150, R175	RES,0402,270 OHMS, +/- 5%, 1/16W	R. G. ALLEN CO	CR10B271JT
61	25	R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R33, R62, R97, R116, R118	RES,0402,49.9 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A49R9FT
62	2	R24, R56	RES,0402,221 OHMS, +/- 1%, 1/16 W	R. G. ALLEN CO	CR10A2210FT
63	0		RES,0402,1K OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B102JT
64	2	R27, R53	RES,0402,510 OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B511JT
65	2	R87, R88	RES,0402,100 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A1000FT
66	2	R101, R34	RES,0402,200 OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B201JT

Item	Quantity	Reference	Description	Vendor	Vendor Part Number
67	3	R36, R82, R103	RES,0402,6.19K OHMS, +/- 1%, 1/16 W	R. G. ALLEN CO	CR10A6191FT
68	2	R125, R38	RES,0402,3.09K OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A3091FT
69	DNP		RES,0402,10 OHMS, +/- 5%, 1/16W	R. G. ALLEN CO	CR10B100JT
70	1	R42	RES,0402,2K OHMS,+/- 1%, 1/16 W	R. G. ALLEN CO	CR10A202FT
71	1	R44	RES,0402,2K OHMS,+/- 5%, 1/16 W	R. G. ALLEN CO	CR10B202JT
72	2	R120, R45	RES,0402,15 OHMS, +/- 1%, 1/16 W	R. G. ALLEN CO	CR10A15R0FT
73	1	R49	RES,0402,68 OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B680JT
74	11	R57, R63, R122, R140, R157, R167, R168, R171, R172, R173, R174	RES,0402,10K OHMS, +/- 1%, 1/16 W	R. G. ALLEN CO	CR10A1002FT
75	2	R123, R58	RES,0402,3.57K OHMS,+/- 1%, 1/16 W	R. G. ALLEN CO	CR10A3571FT
76	18	R59, R68, R69, R70, R71, R72, R73, R74, R107, R129, R130, R131, R132, R133, R134, R137, R155, R156	RES,0402,33 OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B330JT
77	3	R61, R117, R126	RES,0402,1.1K OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A1101FT
78	1	R64	RES,0402,158 OHMS, +/- 1%,1/16W	R. G. ALLEN CO	CR10A1580FT
79	2	R66, R65	RES,0402,220 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A2200FT
80	1	R78	RES,0402,1M OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B105JT
81	1	R80	RES,0402,348 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A3480FT
82	10	R84, R92, R104, R105, R106, R108, R110, R111, R158, R159	RES,0402,56 OHMS, +/- 5%, 1/16W	R. G. ALLEN CO	CR10B560JT
83	1	R85	RES,0402,200 OHMS, +/- 1%,1/16W	R. G. ALLEN CO	CR10A2000FT
84	2	R89, R93	RES,0402,133 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A1330FT
85	1	R91	RES,0402,3K OHMS, +/- 5%, 1/16 W	R. G. ALLEN CO	CR10B302JT
86	1	R113	RES,0402,390 OHMS,+/- 5%, 1/16 W	R. G. ALLEN CO	CR10B391JT
87	1	R124	RES,0402,1 OHMS, +/- 5%, 1/16W	R. G. ALLEN CO	CR10B1R0JT
88	1	R128	RES,0402,249 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A2490FT
89	1	R138	RES,0402,750 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A7500FT
90	DNP	SW1	LT SWITCH RT ANGLE L3.15MM 100GF T/H	PANASONIC	EVQ-PF003M
91	2	S2, S1	RF SPEC.SWI,DPDT Diversity	M/A-COM	MASWSS0094
92	1	U2	RF SPEC.PA,5 GHz	Microsemi	LX5506BLQ
93	1	U3	AR5112, 64 LLCC RADIO, DUAL BAND, (DERBY)	ATHEROS	AR5112
94	1	U9	AR2112, 64 LLCC RADIO, 2.4GHz ONLY, (DERBY)	ATHEROS	AR2112
95	1	U4	IC 74LCX04 HEX INVERTER 14-SOIC	TOSHIBA	TC74LCX04FN
96	1	U5	IC,PQFP128,Integrated 6 Port 10/100 Eth Switch	Marvell	88E6060-RCJ
97	2	U6, U12	IC,SM,USB,Ultra High Speed Triple Buffer	FAIRCHILD SEMI	NC7NZ34K8X
98	1	U7	IC,TSSOP86,SDRAM,16MB, X32, 143MHz	MICRON	MT48LC4M32B2TG-7
99	1	U8	RF SPEC.PA,2.4GHz	Microsemi	LX5510LQ
100	1	U10	AR5312,BGA 484,Processor with 2 Basebands,(FREEDOM)	ATHEROS	AR5312
101	1	U11	IC, TSSOP48, FLASH,2Mx16	Silicon Storage Technology	SST39VF3201-70-4I-EK
102	2	VR1, VR3	REG,SM,SOT-223,600mA,3.3V,LDO	AME	AME8805AEGT
103	2	VR2, VR5	REG,SOT-89,600mA,2.5V, LDO	AME	AME8805DEFT
104	1	VR6	REG,SO8,600mA, Adjustable, CMOS LDO	AME	AME8807AEHA
105	1	Y1	XTAL,SMD,25MHz,2pin,+/- 30ppm,Load Cap 18pF	ECS Inc.	ECS-250-18-5P-F
106	1	Y2	XTAL,SMD,40MHz,4pin,+/- 18PPM_LEADLESS CRYSTAL (CL=15pF)	KINSEKI LMT.(KSS)	CX-96F-40
107	5	L1, L2, L6, L14, L19	IND,0603,1.0nH,+/- 0.3nH	TDK	MLG1608B1N0S
108	2	C185, C186	CAP,0402,NPO,6.8pF,+/- 0.25pF, 50V	PHYCOMP	0402CG689C9B200
109	3	C288, C289, C290	CAP,1206,X7R,0.1uF,+/- 10%, 50V	PHYCOMP	12062R104K9BB0
110	1	C149	CAP,0603,NPO,18pF,+/- 2%, 50V	KEMET	0603C180G5GACTU
111	1	U14	IC, RS232 Transceiver	Intersil	ICL3221CV
112	DNP		Connector 3-pin, Right Angle	Molex	43650-0300
113	1	D4	Diode, Schottky	On-Semi	MBR5340T3
114	1	D5	Diode, Zener	On-Semi	1SMC5.0AT3
115	DNP	J10	CON, 2-pin, Right-Angle	Molex	43650-0200
116	DNP	J11, J12	CON, SMA, End Lauch PCB	Anphenol	132255
118	1	J15	Header 0.100" Center	NA	NA
119	1	R28	RES,0402,162 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A1620FT
120	1	R29	RES,0402,150 OHMS, +/- 1%, 1/16W	R. G. ALLEN CO	CR10A1500FT
121	1	R46	IND,0402,3.4nH,+/- 0.1nH	CoilCraft	0402PA-3N4XGBU
122	1	L100	IND,0402,1.9nH,+/- 0.1nH	CoilCraft	0402PA-1N9XGBU
123	1	L101	IND,4.7uH	Inductors Inc	CTDT3316P-472
124	1	U1	IC,SOT143,RESET MONITOR,2.63V THRESHOLD	Maxim	MAX811SEUS
125	1		Printed Circuit Board	Tyco	DMM081001, Rev B
126	DNP		Shield	Speed Tech	X0089-401-02
127	1				
128	1	P6	DB15 mini	Samtec	DSM-SM-E-15-P-S-FB-FT
129	2	P3, P5	10/100 Base RJ45	Bel	0810-1G1T-06
130	1	U15	SN74ALVC125	TI	SN74ALVC125DGVR
131	1	U16	PLD	Altera	EPM570T100C3
132	2	J16, J17	Header, SMT, 2x5		TMS-105-01-T-DV
133					
134					
135					
136					
137					
138					

No Load Components

Item	Quantity	Reference	Description	Vendor	Vendor Part Number
1	DNP	C6, C31, C33, C47, C56, C84, C87, C101, C132, C141, C142, C153, C173, C184, C187, C199, C202, C207, C222, C283, C293, C295, C297	CAP,0402	DO NOT STUFF	
2	DNP	C35, C51, C287, C294	CAP,1206	DO NOT STUFF	
4	DNP	C296	CAP,0805	DO NOT STUFF	
5	DNP	L12, L16, L20, L37	RECORD NOT FOUND		
6	DNP	L17	IND,0603	DO NOT STUFF	
7	DNP	L25	IND,0402	DO NOT STUFF	
8	DNP	Q6	TRA,SOT-23	DO NOT STUFF	
9	DNP	R3, R25, R26, R32, R39, R43, R48, R54, R60, R67, R75, R77, R79, R90, R100, R102, R109, R114, R115, R121, R160, R161, R162	RES,0402	DO NOT STUFF	
10	DNP	U13	IC,TSOP54,SDRAM X16	DO NOT STUFF	
11	DNP	J7, J8	CON	DO NOT STUFF	
12	DNP	VR7	RECORD NOT FOUND		
13	DNP	VR4			