

2315\_070921

Item	Quantity	Value	Reference	Description	Vendor
<b>CAPACITOR</b>					
1	5	100uF	C1,C3,C22,C55,C140	CAP,ELECT,TH,100uF,+/- 20%, 25V	*PANASONIC : EEUFC1A101
2	2	100uF	C593,C595	CAP,ELECT,TH,100uF,+/- 20%, 10V	*LELON: REA101M1ASA-0511
3	2	2200pF	C6,C7	CCAP, SMD, 0805, 2200P, 10%, 50V, X5R	*SAMSUNG: CL21A222KBANNNC
4	1	1uF	C81	CCAP, SMD, 0603, 1U, 10%, 16V, X5R	*MURATA: GRM188R61C105KA12D; *KYOCERA: CM105X5R105K16AT; *KYOCERA: CV105X5R105K25AT
5	3	1.2pF	C13,C88,C102	CCAP, SMD, 0402, 1P2, +-0P25, 50V, NPO	*MURATA: GRM1555C1H1R2CZ01D
6	61	0.1uF	C15,C34,C35,C36,C49,C50,C59, C63,C65,C70,C71,C78,C79,C90, C91,C92,C97,C106,C112,C114,C 117,C118,C157,C291,C578,C58 1,C583,C585,C587,C588,C589,C 590,C591,C596,C598,C601,C60 2,C603,C604,C605,C606,C607,C 608,C611,C612,C613,C614,C61 5,C616,C617,C618,C619,C859,C 860,C861,C862,C863,C864,C86 5	CCAP, SMD, 0402, 0.1U, 10%, 10V, X5R	*MURATA: GRM155R61A104KA01D
7	2	10uF	C56,C142	CCAP, SMD, 1206, 10U, 10%, X7R, 16V	*MURATA: GRM31CR71C106KA12L
8	17	10pF	C64,C72,C80,C95,C107,C108,C1 09,C110,C113,C115,C116,C124, C129,C130,C131,C132,C137	CCAP, SMD, 0402, 10P, 5%, 50V, NPO	*MURATA: GRM1555C1H100JZ01D
9	5	2.2uF	C68,C119,C582,C586,C592	CCAP, SMD, 0805, 2U2, 10%, 10V, X7R	*MURATA: GRM21BR71A225KA01L; *KYOCERA: CM21X7R225K10AT
10	3	3.3pF	C73,C74,C75	CCAP, SMD, 0402, 3P3, +-0P25, 50V, NPO	*MURATA: GRM1555C1H3R3CZ01D
11	4	1pF	C84,C85,C103,C133	CCAP, SMD, 0402, 1P, +-0P25, 50V, NPO	*MURATA: GRM1555C1H1R0CZ01D
12	2	0.5pF	C86,R132	CCAP, SMD, 0402, 0P5, +-0P1, 50V, NPO	*MURATA: GRM1555C1HR50BZ01D

13	2	47pF	C87,C136	CCAP, SMD, 0402, 47P, 5%, 50V, NPO	*MURATA: GRM1555C1H470JZ01D
14	1	5pF	C93	CCAP, SMD, 0402, 5P, +-0P25, 50V, NPO	*MURATA: GRM1555C1H5R0CZ01D; *SAMSUNG: CL05C050CB5NNNC
15	4	2.2pF	C96,C99,C100,C111	CCAP, SMD, 0402, 2P2, +-0P25, 50V, NPO	*MURATA: GRM1555C1H2R2CZ01D
16	3	3pF	C120,C126,C127	CCAP, SMD, 0402, 3P, +-0P25, 50V, NPO	*MURATA: GRM1555C1H3R0BZ01D; *SAMSUNG: CL05C030BB5NNNC
17	1	24pF	C122	CCAP,SMD, 0402, 24pF, +/- 5%, 50V, NPO	*MURATA: GRM1555C1H240CA01D
18	1	15pF	C123	CCAP,SMD, 0402,15pF,+/- 5%, 50V, NPO	*MURATA: GRM1555C1H150CA01D
19	1	120pF	C125	CCAP, SMD, 0402, 120P, 5%, 50V, NPO	*MURATA: GRM1555C1H121JA01D
20	1	3.9pF	C128	CCAP, SMD, 0402, 3P9, +-0P25, 50V, NPO	*SAMSUNG: CL05C3R9CB5NNNC; *MURATA: GRM1555C1H3R9CA01D
21	11	0.01uF	C135,C851,C852,C853,C854,C855,C856,C857,C858,C867,C868	CCAP, SMD, 0402, 0.01U, 10%, 25V, X7R	*MURATA: GRM155R71E103KA01D
22	1	5.6pF	C138	CCAP, SMD, 0402, 5P6, +-0P25, 50V, NPO	*SAMSUNG: CL05C5R6CB5NNNC; *MURATA: GRM1555C1H5R6CZ01D
23	2	18pF	C580,C579	CCAP, SMD, 0402, 18P, 5%, 50V, NPO	*DARFON: C1608NP0180JGT; *MURATA: GRM1885C1H180JA01D
24	4	0.001U/2KV	C645,C646,C649,C650	CCAP, SMD, 1206, 0.001U, 10%, 2KV, X7R	*AVX: 1206GC102KAT1A
25	1	1000pF	C866	CCAP, SMD, 1206, 1000P, 10%, 2KV, X7R	*MERITEK: HVY5P102K2KV5R5-CX; *PHILIPS: S102K33Y5PP6TK5
<b>RESISTOR</b>					
26	12	0 R	C94,R127,R137,R148,R600,R646,R647,C200,C4,R507,R472,R473	FRES, SMD, 0402, 0R, 5%, 1/16W	*YAGEO: RC0402JR-070R; *HKRESISTORS: RCT020RJ
27	10	10K	R2,R388,R389,R390,R391,R443,R444,R445,R446,R395	FRES, SMD, 0402, 10K, 5%, 1/10W	*YAGEO: RC0402FR-0710KL; *HKRESISTORS: RCT0210KF-LF; *ASJ: CR10-1002-FK
28	1	1.1K	R4	FRES, SMD, 0402, 1K1, 1%, 1/16W	*YAGEO: RC0402FR-071K1L; *HKRESISTORS: RCT021K1F-LF
29	2	2K	R5,R398	FRES, SMD, 0402, 2K, 1%, 1/16W	*YAGEO: RC0402FR-072K; *HKRESISTORS: RCT022KF
30	21	51.1	R144,R695,R696,R697,R698,R699,R700,R701,R702,R703,R704,R705,R706,R707,R708,R709,R710,R718,R719,R720,R721	FRES, SMD, 0402, 49R9, 1%, 1/16W	*YAGEO: RC0402FR-0749R9; *HKRESISTORS: RCT0249R9F

31	8	4.7K	R50,R51,R104,R136,R501,R502, R503,R504	FRES, SMD, 0402, 4K7, 5%, 1/16W	*YAGEO: RC0402JR-074K7L; *HKRESISTORS: RCT024K7J-LF
32	43	56	R69,R70,R71,R72,R73,R74,R75, R76,R77,R78,R79,R80,R82,R85, R86,R87,R88,R89,R90,R91,R92, R93,R94,R95,R96,R97,R98,R105 ,R106,R108,R109,R110,R111,R1 12,R113,R114,R115,R116,R117, R124,R146,R630,R631	FRES, SMD, 0402, 56R, 5%, 1/16W	*YAGEO: RC0402JR-0756R; *HKRESISTORS: RCT0256RJ
33	1	1	R81	FRES, SMD, 0805, 1R, 5%, 1/4W	*YAGEO: RC0805JR-07 1RL; *HK RESISTORS: RCT05 1RJ-LF; *ASJ: CR21-1R0-JL
34	1	10	R123	FRES, SMD, 0402, 10R, 5%, 1/16W	*YAGEO: RC0402JR-0710R; *HKRESISTORS: RCT0210RJ
35	1	200	R129	FRES, SMD, 0402, 200R, 1%, 1/16W	*YAGEO: RC0402FR-07200R
36	3	100	R130,R632,R633	FRES, SMD, 0402, 100R, 1%, 1/16W	*YAGEO: RC0402FR-07100R; *HKRESISTORS: RCT02100RF
37	3	100K	R131,R135,R139	FRES, SMD, 0402, 100K, 1%, 1/16W	*YAGEO: RC0402FR-07 100KL; *HK RESISTORS: RCT02 100KF-LF; *ASJ: CR10-1003-FK
38	1	6.19K	R142	FRES, SMD, 0402, 6K19, 1%, 1/16W	*YAGEO: RC0402FR-076K19; *HKRESISTORS: RCT026K19F
39	1	75K	R145	FRES, SMD, 0402, 75K, 1%, 1/16W	*YAGEO: RC0402FR-0775KL; *HK RESISTORS: RCT0275KF-LF; *ASJ: CR10-7502-FK
40	1	15K	R147	FRES, SMD, 0402, 15K, 1%, 1/16W	*YAGEO: RC0402FR-0715RL; *HKRESISTORS: RCT0215RF-LF;
41	4	75	R670,R671,R676,R677	FRES, SMD, 0402, 75R, 1%, 1/16W, TF	*YAGEO: RC0402FR-0775R; *HKRESISTORS: RCT0275RF
42	7	330	R711,R712,R713,R714,R715,R7 16,R717	FRES, SMD, 0402, 330R, 5%, 1/16W	*YAGEO: RC0402JR-07330R; *HKRESISTORS: RCT02330RJ

INDUCTOR & BEAD					
43	1	2.7nH	C76	FIND, SMD, 0402, 2N7, +-0N1	*MURATA: LQP15MN2N7B02D
44	1	22uH/2.8A	L3	22uH/2.8A, Power Inductor	*DSC:DSC-1050R-220M
45	7	1uH	L5,L6,L14,L81,L82,L83,L84	FERR, SMD, 0805, BK2125	*TAIYO YUDEN: LFBK2125LM252-T
46	3	3.9nH	L7,L9,L11	FIND, SMD, 0402, 3N9, +-0N1	*MURATA: LQP15MN3N9B02D
47	2	6.8nH	L8,L10	FIND, SMD, 0402, 6N8, 5%	*MURATA: LQP15HN6N8J02B
48	1	18nH	L13	FIND, SMD, 0402, 18N, 5%	*MURATA: LQG15HN18N02D
49	1	80 ohm 3A	L35	FERR, SMD, 1206, 80R, 3A	*AOBA: FBM1206PT800S
DIODE & TRANSISTER					
	1	LED-TH-RT-RED	LED1	DIODE, SMD, 0805, LED, RED	*BRIGHT LED: BL-HS135A-AV-TRB
50	6	LED-TH-RT-GRN-SSF-LXH103GD	LED2,LED3,LED4,LED5,LED6,LED7	DIODE, SMD, 0805, LED, GREEN	*BRIGHT LED: BL-HG035A-AV-TRB; *WENRUN: WR148G/W; *LUCKYLIGHT:GB-SM0805VGW-TR
51	1	B230/A	D1	DIODE, SMD, B230/A, DIO-SMB	*Diodes Inc.: B230/A
52	1	SMS7621-079	D2	DIODE, SMD, SMS7621-079,SIO-SC-70	*SKYWORKS: SMS7621-079
53	1	CXT2907A	Q2	TRA, SOT-89, PNP General Purpose Amplifier	*CENTRAL SEMI: CXT2907A
54	1	LNA-2.4GHZ-SGA-8343	Q3	RF_SPEC, LNA,2.4GHz	*Sirenza : SGA-8343
55	2	FMMTA56	Q21,Q22	TR, SMD, SOT23, MMBTA56, PNP, PLANARMEDIUMPOWER	*ZETEX: FMMTA56; *FAIRCHILD: MMBTA56; *ON: MMBTA56LT1
IC					
56	1	M12L64164A-7T	U2	IC, SMD, TSOP54, SDRAM, 2MX4BANKX16, 133MHz	*SAMSUNG: K4S281632F-UC75; *SAMSUNG: K4S281632F-TC75 *ESMT: M12L128168A-7TG *ESMT: M12L128168A-6TG
57	1	AR2315A	U3	IC, BGA 233, SoC with built in 802.11g radio	*Atheros:AR2315A
58	1	GP1214	U4	RF_SPEC,PA,2.4GHz	*GPLUS:GP1214; *SST:SST12LP14-QVCE
59	1	NX25P16-VFI	U5	IC,SO16,32Mbit Serial Flash, 2.7-3.6V	*ST MICROELECTRONICS: M25P32-VMF6TP
60	1	IC-SOT143-MAX811	U6	IC,SOT143,RESET MONITOR,3.02V THRESHOLD	*MAXIM : MAX811EUS-T
61	1	88E6060-RCJ	U27	IC,PQFP128,Integrated 6 Port 10/100 Eth Switch	*MARVELL:88E6063; *MARVELL: 88E6063-RCJ
62	1	SP3220EEY	U51	SP3220	*Sipex : SP3220EEY
OSCILLATOR & XTAL					
63	1	AP51 SHIELD	X3	Shield	*HUN PAI: 298-05807-000 ( frame ) & 298-05807-100 ( cover )

64	1	XTAL-SMD4-40MHZ-CX-96F	Y2	XTAL,SMD,40MHz,4pin,+/- 18PPM_LEADLESS CRYSTAL (CL=15pF)	*Ecera:FY4000041
65	1	XTAL-SMD-2PIN-25MHZ	Y10	XTAL, SMD, 25M, 2P, 30PPM, LOADCAP 18P	*EYD000401AAS
<b>CONNECTOR</b>					
66	1	PJ-102A	J3	CONN, THD, JACK POWER 2MM	*SELECT: DS-201S-2-PBT
67	2	SMA-MALE	J5,J15	CONN, SMD, BRD-CAB, ULTRAMINI COAX RECEPTACLE	*HIROSE: U.FL-R-SMT-10; *I-PEX: 20279-001E-01
68	1	RJ45	J105	CONN, THD, ETHERNET JACK, RJ-45	*FRE: E5608-4E0021
69	1	P64-13Z-OAG9	J106	LAN, 4Port, 10X100 Ethernet, Mag-Integ	*SPEEDTECH : P64-13Z-OAG9
70	1	CON-TH-M-V-2X7-100X100	J500	CONN, THD, 2X7P, P2.54MM, STRAIGH HEADER	*QANTAS: QT5507-14GP(DA5.08/DC2.54)
71	1	RJ8-45	J502	WAN, 1Port	*DAE EUN ELECTRONICS:DEK657PCB-SH1
<b>SWITCH &amp; TRANSFORMER</b>					
72	1	2A	F1	FUSE, SMD, 1812, SMD1812P260TS, 2.6A, 6V	*POLYTRONICS: SMD1812P260TF; *POLYTRONICS: SMD1812P260TS
73	2	HHM1517	F3,F5	RF_SPEC,BALUN,2.4GHz , HHM1517	*TDK:HHM1517
74	1	SWI-TH-RT-PUSH	SW1	SWIT, THD, RT ANGLEL, 3.15MM, 100GF, RESET	*DIPTRONICS: DTSA-644K
75	1	TS01CQE	SW2	SWIT, THD, TOGGLE HORIZONTAL PWR SW	*DAILYWELL: 4MS1R203M6QE
76	1	H1102	T1	IC, SMD, 16P, H1102, 10/100 ETHERNET TRANSFORMER	*PULSE : H1102
77	1	MASWSS0130	S2	RF_SPEC,SWI,DPDT Diversity, 2.4GHz Only, Lead free	*MACOM:MASWSS0130
78	1	AP1509-SL	VR1	REG,SM,S08,2A,VARIABLE	*ANACHIP:AP1509-SL