

AP0127730

Part Number	Description	BOM.Item Description	BOM.Qty	BOM.Ref Des	Manufacturers.Mfr. Name	Manufacturers.Mfr. Part Number		
EC0058390	Cap. Cer. 2.2uF 10% 16V X5R 0603	Cap. Cer. 2.2uF 10% 16V X5R 0603	2	C225,C231	MURATA TAIYO YU AVX	GRM188R61C225KE15D EMK107BJ225KA-T 0603YD225KAT2A		
EC0070870	CAP CER 10uF 10V 10% X7R 0805	CAP CER 10uF 10V 10% X7R 0805	1	C220	MURATA HITANO HITANO	GRM21BR71A106KE51 0805B106K100N2 0805B106K100N3		
EC0076780	CAP CER 1uF 6.3V 10% X5R 0402	CAP CER 1uF 6.3V 10% X5R 0402	3	C218,C235,C254	MURATA TDK MURATA	GRM155R60J105KE19D C1005X5R0J105KT GRM155R60J105KE19		
				C5,C6,C7,C12,C14,C16,C24,C26,C30,C32,C36,C39,C41,C42,C47,C48,C50,C51,C68,C72,C81,C82,C83,C84,C85,C86,C90,C92,C93,C94,C95,C96,C97,C100,C102,C107,C108,C109,C110,C111,C114,C115,C116,C119,C120,C121,C124,C130,C133,C135,C136,C140,C141,C151,C152,C158,C162,C163,C164,C170,C175,C176,C180,C185,C192,C193,C195,C196,C197,C198,C199,C211,C232,C233,C236,C237,C239,C240,C245,C247,C251,C253,C257,C262,C263,C264,C265,C268,C270,C271,C272,C275,C276,C278,C283,C284,C286,C287,C288,C301,C303,C304,C307,C308,C309,C313,C318,C319,C325,C330,C332,C335,C352				
EC0077400	CAP SMD 0201 1.8pF 25v +/- 0.25pF COG	CAP SMD 0201 1.8pF 25v +/- 0.25pF COG	113		JOHANSON MURATA	250R05L1R8BV4T GJM0335C1E1R8CB01D		
EC0077700	CAP CER 22uF 6.3V 10% X5R 0805	CAP CER 22uF 6.3V 10% X5R 0805	6	C200,C219,C221,C228,C267,C312	TAYO-YU TDK	JMK212BJ226KG-T C2012X5R0J226KT		
EC0092190	CAP. SMD 0201 100pF 25V +/- 5%, COG	CAP. SMD 0201 100pF 25V +/- 5%, COG	2	C234,C255	MURATA	GRM0335C1E101JD01		
EC0093420	CAP SMD 0201 0.1uF 25v +/- 0.25pF, COG	CAP SMD 0201 0.1uF 25v +/- 0.25pF, COG	30	C202,C204,C206,C207,C208,C209,C213,C214,C215,C217,C230,C269,C291,C294,C295,C296,C297,C299,C321,C323,C324,C339,C341,C347,C348,C353,C355,C357,C364,C365	MURATA	GRM033R60J104KE19		
EC0093490	CAP SMD 0201 24pF/25v +/- 5%, COG	CAP SMD 0201 24pF/25v +/- 5%, COG	1	C216	MURATA	GRM0335C1E240JD01		
EC0094920	CAP, SMD, 0201, 1nF,25V X7R, +/- 10%	CAP, SMD, 0201, 1nF,25V X7R, +/- 10%	12	C203,C212,C224,C274,C277,C293,C300,C338,C343,C351,C358,C363	MURATA MURATA	GRM033R71E102KA01 GRM033R71E102KA01D		
EC0094930	CAP. SMD, 0201, 10pF/50V 5%, COG	CAP. SMD, 0201, 10pF/50V 5%, COG	9	C64,C76,C142,C153,C210,C244,C250,C256,C258	MURATA MURATA	GRM0335C1E100JD01D GRM0335C1H100JD01		
EC0114160	Cap 0.2pF 50V COG +/-0.1pF 0201	Cap 0.2pF 50V COG +/-0.1pF 0201	1	C54	MURATA	GRM0335C1HR20BD01D		
EC0114180	Cap 0.01uF 10V X7R +/-10% 0201	Cap 0.01uF 10V X7R +/-10% 0201	22	C205,C226,C227,C273,C292,C298,C322,C336,C337,C340,C342,C344,C345,C346,C349,C350,C354,C356,C359,C360,C361,C362	MURATA	GRM033R71A103KA01D		
EC0114190	Cap 1pF 25V COG +/-0.25pF 0201	Cap 1pF 25V COG +/-0.25pF 0201	2	C290,L18	MURATA	GJM0335C1E1R0CB01D		
EC0119010	CAP CER 47uF 6.3V 20% X5R 0805	CAP CER 47uF 6.3V 20% X5R 0805	10	C69,C70,C77,C78,C201,C229,C260,C266,C311,C331	TAIYO YU	JMK212BJ476MG-T		
EC0130640	CAP CER 5.6pF 50v ±0.1pF C0G 0201	CAP CER 5.6pF 50v ±0.1pF C0G 0201	2	C106,C112	MURATA	GRM0335C1H5R6BD01D		
EC0132710	CAP Cer. 0.3pF 50V ±0.05pF COG 0201	CAP Cer. 0.3pF 50V ±0.05pF COG 0201	1	C45	MURATA	GRM0335C1HR30WD01D		
EC0133170	CAP CER 220pF 10% X7R 0201	CAP CER 220pF 10% X7R 0201	2	C87,C238	MURATA	GRM0335C1HR30WA01D		
EC0135290	CAP CER 0.15uF 16V 10% X5R 0402	CAP CER 0.15uF 16V 10% X5R 0402	2	C122,C246	MURATA	GRM033R71E221KA01D GRM155R61A154KE19D		

EF0113820	Fil DEA165850LT-1197B2 DEA165850LT-1197B2	Fil DEA165850LT-1197B2 DEA165850LT-1197B2	2	F1,F2	TDK	DEA165850LT-1197B2
EF0125120	Fil 2-pole filter for WLAN 5 GHz/(5.725 -5.875)	Fil 2-pole filter for WLAN 5 GHz/(5.725 -5.875)	2	F7,F8	EPCOS	B69842N5807A150
EF0125130	Band Pass Filter 5425MHz±525MHz	Band Pass Filter 5425MHz±525MHz	4	F3,F4,F9,F10	MURATA	LFB185G42SGCB773
EI0062050	Ultra Low Noise ADJ LDO	Ultra Low Noise ADJ LDO	1	U24	TI	TPS79301DBVR
EI0090480	OSCILATOR 40Mhz +/- 5ppm 3.2x2.5mm SMD	OSCILATOR 40Mhz +/- 5ppm 3.2x2.5mm SMD	1	Y1	TI	TPS79301DBVRG4
EI0092700	IC, DC-DC Converter lout=1A, 2.5v<Vin<5.5v	IC, DC-DC Converter lout=1A, 2.5v<Vin<5.5v	1	U22	TST HMI SMI	TX0359B 6605SX3CT 40M 32SMOHG-S-G-2.5V
EI0117871	IC- 2-Wire SERIAL EEPROM MLP8	IC- 2-Wire SERIAL EEPROM MLP8	1	U43	RICHTEK RICHTEK MicroChi GT Advan ISSI ATMEL	RT8010GQW RT8010PQW 24AA32AT-I/MC GT24C32-2UDLI-TR IS24C32C-2DLI-TR AT24C32CY6-YH-T
EI0118310	IC- DPDT Diversity Switch 2-5V 1W VQFN12 12	IC- DPDT Diversity Switch 2-5V 1W VQFN12 12	4	U9,U12,U31,U33	SKYWORKS	AS218-321LF
EI0118490	IC- Tripple buffer	IC- Tripple buffer	1	U23	NXP	74LVC3G34GM
EI0122220	IC SMT ATHEROS AR9590B	IC SMT ATHEROS AR9590B	1	U21	FAIRCHIL ATHEROS	NC7NZ34L8X AR9590-AR1B-R
EI0127350	IC 0.5 ? 6.0 GHz SPDT Switch	IC 0.5 ? 6.0 GHz SPDT Switch	10	U1,U2,U4,U5,U11,U13,U39,U40,U41,U42	ATHEROS SKYWORKS	AR9590-AR1B SKY13348-374LF
EI0127470	IC-Low Noise Amplifier+Shutdown Mode 4.9?6 Ghz	IC-Low Noise Amplifier+Shutdown Mode 4.9?6 Ghz	2	U17,U18	AVAGO	MGA-675T6-TR1G
EI0127480	IC-Power Amplifier 5 GHz 26dBm QFN-20	IC-Power Amplifier 5 GHz 26dBm QFN-20	2	U6,U7	SKYWORKS	SE5004L-R
EI0127490	IC- DC-6 GHz Gain Block SOT-89	IC- DC-6 GHz Gain Block SOT-89	2	U27,U28	TRIQUINT	TQP369182
EJ0131660	MMCX Straight PCB Jack w.Extra height	MMCX Straight PCB Jack w.Extra height	4	J1,J2,J3,J4	STC	MMCX-KHDT1
EL0028410	FERRITE SMD,0603, 600 oh @ 100MHz	FERRITE SMD,0603, 600 oh @ 100MHz	1	L12	SOCOA MURATA MURATA TDK MURATA MURATA TDK	10102008A-2 BLM11A601SPT BLM18AG601SN1D MMZ1608S601A-T BLM11A601SPTM00-03 BLM11AG601SPTM00-0
EL0052810	IND.0402. 18nH +/- 5%	IND.0402. 18nH +/- 5%	4	L5,L9,L16,L17	MURATA TAYO-YU MURATA JOHANSON	MMZ1608S601ATA00 HK100518NJ-T LQG15HN18NJ02 L-07C18N_V6T
EL0060400	INDUCTOR 4.7nH±0.1nH 0.16A 0.6R 0402	INDUCTOR 4.7nH±0.1nH 0.16A 0.6R 0402	2	L1,L15	CYNTEC MURATA	CML0510-4N7-BN LQP15MN4N7B02
EL0072680	Ind. Chip 3.3nH +/-0.3nH 540mA 0.075Ohm Q=8 0402	Ind. Chip 3.3nH +/-0.3nH 540mA 0.075Ohm Q=8 0402	2	L8,L10	TAYO-YU	AQ1053N3S-T
EL0072690	INDUCTOR 0402, 1.1nH ldc=0.39A +/- 0.05nH	INDUCTOR 0402, 1.1nH ldc=0.39A +/- 0.05nH	2	L3,L4	MURATA	LQP15MN1N1W02D
EL0090110	INDUCTOR 1210 2.2uH ldc=0.79A, 20%, r =0.12	INDUCTOR 1210 2.2uH ldc=0.79A, 20%, r =0.12	1	L11	MURATA	LQH32CN2R2M53K
EL0094770	FERRITE BEAD 30 Ohm 1500mA 0603	FERRITE BEAD 30 Ohm 1500mA 0603	1	L14	MURATA STEWART	LQH32CN2R2M53L MI0603K300R-10
EL0114380	INDUCTOR 1.8nH ±0.1nH 600mA 0.15Ohm 0201 Q=14	INDUCTOR 1.8nH ±0.1nH 600mA 0.15Ohm 0201 Q=14	2	C279,L19	MURATA	LQP03TN1N8B02D
EL0119950	INDUCTOR 0201 1.8nH ldc=0.6A, ±0.2nH	INDUCTOR 0201 1.8nH ldc=0.6A, ±0.2nH	1	C46	MURATA	LQP03TN1N8C00D

EL0130890	INDUCTOR 2.7nH ±0.1nH 500mA 0.20Ohm 0201 Q=14	INDUCTOR 2.7nH ±0.1nH 500mA 0.20Ohm 0201 Q=14	1	C66	MURATA	LQP03TN2N7B02D
ER0000150	RES 0R 5% 1/10W 0603 (Jumper)	RES 0R 5% 1/10W 0603 (Jumper)	2	R95,R96	VISHAY YAGEO YAGEO YAGEO SAMSUNG SAMSUNG SAMSUNG	CRCW06030000Z0EA RC0603JR-130RL RC0603JR-100RL RC0603JR-070RL RC1608J000ES RC1608J000AS RC1608J000CS
ER0011580	RES SMD 0603 24.9R 1% 1/10W	RES SMD 0603 24.9R 1% 1/10W	2	R93,R94	BOURNS BOURNS	CR0603-J/-000ELF CR0603-FX-24R9-E
ER0015720	RES 49.9R 1% 1/16W 0402	RES 49.9R 1% 1/16W 0402	2	R45,R48	YAGEO YAGEO YAGEO AVX YAGEO	RC0603FR-0724R9 RC0402FR-1049R9L RC0402FR-0749R9 RC0402FR-1349R9L CR05-49R9F-H RC0402FR-0749R9L
ER0058220	RES 287R 1% 1/16W 0402	RES 287R 1% 1/16W 0402	1	R112	YAGEO YAGEO VIKING YAGEO BOURNS	RC0402FR-10287RL RC0402FR-13287RL CR02FTE2870 RC0402FR-07287RL CR0402-FX-2870GLF
ER0076810	RES SMD 0402 11.8K 1% 1/16W	RES SMD 0402 11.8K 1% 1/16W	1	R71	YAGEO YAGEO VISHAY	RC0402FR-07 287R RC0402FR-07 11K8L CRCW040211K8FKED
ER0096040	RES 10K 5% 1/20W 0201	RES 10K 5% 1/20W 0201	19	R4,R12,R13,R16,R72,R75,R76,R77,R81,R83,R97 ,R98,R99,R102,R108,R111,R114,R116,R117	YAGEO VIKING	RC0201JR-0710KL CR01JTF1002
ER0096050	RES SMD 0201 0R 5% 1/20W	RES SMD 0201 0R 5% 1/20W	15	L13,R1,R19,R23,R54,R59,R73,R74,R78,R79,R80 ,R82,R85,R104,R105	BOURNS TA-I VIKING	CR0201-J/-000GLF RM02JTN0 CR01JL0---00R
ER0100250	RES SMD 0201 33.2R 1% 1/20W	RES SMD 0201 33.2R 1% 1/20W	30	R3,R5,R7,R8,R9,R10,R17,R18,R21,R22,R33,R40 ,R51,R52,R56,R57,R62,R63,R64,R65,R66,R67,R 68,R70,R86,R87,R88,R90,R91,R92	YAGEO PANASONI	RC0201FR-0733R2L ERJ-1GEF33R2C
ER0114300	Res 6.19K +/-1% 1/20W 0201	Res 6.19K +/-1% 1/20W 0201	1	R69	YAGEO VISHAY PANASONI	RC0201FR-076K19 CRCW02016K19FKED ERJ1GNF6191C
ER0119700	1dB fixed attenuator 0402	1dB fixed attenuator 0402	4	U10,U15,U25,U26	SUSUMU	PAT0510S-C-1DB-T10
ER0119720	7dB fixed attenuator 0402	7dB fixed attenuator 0402	4	U8,U14,U32,U34	SUSUMU	PAT0510S-C-7DB-T10
ER0132690	RES 510R 1% 1/16W 0402	RES 510R 1% 1/16W 0402	2	R20,R89	PANASONI ROHM YAGEO YAGEO YAGEO	ERJ-2RKF5100X MCR01MZPF5100 RC0402FR-13510RL RC0402FR-10510RL RC0402FR-07510RL
ET0072480	TRANSISTOR P_Channel FET smal signal	TRANSISTOR P_Channel FET smal signal	4	Q1,Q6,Q7,Q8	INFINEON INFINEON INFINEON	BSS209PW BSS209PW H6327 BSS209PW L6327
LB0022530	LABEL S/N-P/N-REV	LABEL S/N-P/N-REV	2		NORTEC NORTEC NORTEK	V73851711A10S 129WP10S 129MP
MP0129260	RF SHIELD, FRAME 2.4 & 5 GHz	RF SHIELD, FRAME 2.4 & 5 GHz	1			
MP0129261	RF SHIELD, FRAME 2.4 & 5 GHz	RF SHIELD, FRAME 2.4 & 5 GHz	1			

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