

LBA-020-WW

Description	Supplier P/N	QTY	Ref. No.
FB,Multilayer,120Ohm@100MHz,25%,0.2 DCR,1A,0603	PZ1608D121-1R0TF	1	B601
Bead,220ohm@100MHz,0.05ohm DCR, 2A,0603	UPZ1608E221-2R0TF	3	B1001,B1002,B1003
Cap,Ceramic,0402,1000pF,+/-10%,25V,X7R	C0402X7R102K250NT	8	C300,C321,C341,C411,C412,C420,C803,C1015
Cap,Ceramic,0402,0.1uF,+/-10%,25V,X5R	C0402X5R104K250NT	48	C301,C309,C314,C315,C316,C318,C322,C323,C324,C340,C404,C405,C410,C414,C416,C424,C426,C502,C503,C504,C507,C508,C510,C513,C515,C516,C517,C519,C520,C523,C524,C525,C526,C527,C528,C600,C602,C603,C604,C605,C805,C911,C1005,C1009,C1010,C1017,C1016,C906
Cap,Ceramic,0805,10uF,+/-10%,16V,X7R	C0805X7R106K160NT	10	C302,C310,C311,C325,C326,C329,C330,C333,C334,C342
Cap,Ceramic,0805,22uF,±20%,10V,X5R H:1.25mm	C0805X5R226M100NPH	4	C303,C304,C806,C807
Cap,Ceramic,0603,4.7uF,+/-10%,10V,X5R	C0603X5R475K100NT	12	C305,C306,C307,C308,C601,C606,C912,C916,C917,C1004,C1006,C1008
Cap,Ceramic,0805,22uF,+/-20%,6.3V,X5R	C0805X5R226M6R3NTY	13	C312,C313,C317,C319,C327,C328,C331,C332,C335,C336,C402,C407,C800
Cap,Ceramic,0402,27pF,+/-5%,50V,C0G	C0402C0G270J500NT	8	C320,C337,C338,C339,C529,C530,C531,C532
Cap,Ceramic,0402,1uF,+/-10%,6.3V,X5R	C0402X5R105K6R3NT	21	C400,C401,C406,C409,C413,C415,C418,C501,C505,C509,C512,C514,C521,C801,C802,C918,C1000,C1001,C1002,C1003,C907
Cap,Ceramic,0603,10uF,+/-20%,6.3V,X5R	C0603X5R106M6R3NT	9	C403,C408,C423,C500,C511,C518,C522,C908,C914
Cap,Ceramic,0402,15pF,+/-5%,50V,C0G	C0402C0G150J500NT	2	C421,C422
Cap,Ceramic,0402,2pF,+/-0.1pF,50V,C0G	GRM1555C1H2R0BA01D	1	C506
Cap,Ceramic,0402,2.2uF,+/-20%,6.3V,X5R	C0402X5R225M6R3NT	1	C607
Cap,Ceramic,0402,10pF,+/-0.1pF,50V,C0G	C0402C0G100B500NT	2	C900,C901
Cap,Ceramic,0402,8pF,+/-0.1pF,50V,C0G	C0402C0G8R0B500NT	2	C909,C910
Schottky Diode,B340B/3A SMB SMD	B340B	1	D300
LED,Pure White,10mA,0603,SMT	19-217UTD-S3393-TR8(UN)	1	D400
TVS ESD Protection,VRWM=3.3V,VBR=9V(MAX),0.45pF, 92W,±16KV	AZ1143-04F	2	D1000,D1001
TVS ESD Protection,VRWM=5V,VBR=5.8V(Min),8pF,±15KV	AZ5725-01F.R7G	4	D1002,D1003,D1004,D1005
Resettable PTC,Max Current limit 0.16A	SMD1206P016TF	1	F1000
CONN,DC Jack,3A,1.0mm	DC01970	1	J300
CONN,4PIN + 4G,0.8mm,SMT	0.8T-4AWB	1	J400
CONN,USB A/F,R/A,Sink	AUB101FY04XX01BR	1	J800
CONN,RF 3P L2.6xW2.6xH 1.25m	U.FL-R-SMT-1	2	J900,J901
CONN,HDMI Receptacle, SMT Type A,19pin,H:2.43	HF001-41113	1	J1000
5020,2.2uH,+/-30%,2.9A, DCR0.032ohm	SWPA5020S2R2NT	2	L300,L301
ind,4.7uH,+/-20%,2.5A,DCR 57mohm,5020	SWPA5020S4R7MT	2	L302,L303
3015,2.2uH,+/-30%,1.6A, DCR0.060ohm	SWPA3015S2R2NT	1	L900
Transistor, P-MOSFET, Vds=-20V, Id=3.5A	WPM2341A-3TR	3	Q300,Q301,Q1001
Transistor,NPN,Vceo=40V MAX,Ic=0.2A MAX,SOT23	MMBT3904-7-F	3	Q302,Q400,Q1002

Transistor, N-MOSFET, Vds=20V, Id=0.9A	WNM2020-3/TR	1	Q1000,Q1004
Transistor, N-MOSFET, Vds=60V, Id=0.5A	WNM6001-3/TR	1	Q1004
Res array,0,+/-5%,0402*4,1/16W	YC124-JR-0700RL	2	RN1000,RN1001
Res,0,+/-5%,0805,1/8W	RC0805JR-070RL	1	R300
Res,4K7,+/-5%,0402,1/16W	RC0402JR-074K7L	5	R302,R317,R406,R915,R1007
Res,10K,+/-5%,0402,1/16W	RC0402JR-0710KL	11	R903,R307,R314,R316,R322,R416,R618,R619,R620,R911,R1012
Res,100K,+/-5%,0402,1/16W	RC0402JR-07100KL	7	R305,R308,R309,R402,R1016,R304,R313
Res,100K,+/-1%,0402,1/16W	RC0402FR-07100KL	6	R306,R312,R321,R323,R324,R326
Res,0,+/-5%,0402,1/16W	RC0402JR-070RL	8	R310,R401,R603,R605,R802,R806,R807,R419
Res,1M,+/-1%,0402,1/16W	RC0402FR-071ML	3	R311,R325,R412
Res,120K,+/-1%,0402,1/16W	RC0402FR-07120KL	2	R315,R329
Res,1K,+/-5%,0402,1/16W	RC0402JR-071KL	4	R318,R408,R410,R804
Res,22.1K,+/-1%,0402,1/16W	RC0402FR-0722K1L	2	R327,R1001
Res,66.5K,+/-1%,0402,1/16W	RC0402FR-0766K5L	1	R328
Res,240,+/-1%,0402,1/16W	RC0402FR-07240RL	7	R409,R500,R501,R502,R505,R506
Res,22,+/-5%,0402,1/16W	RC0402JR-0722RL	3	R411,R901,R916
Res,4.7,+/-5%,0402,1/16W	RC0402JR-074R7L	1	R413
Res,1K,+/-1%,0402,1/16W	RC0402FR-071KL	2	R503,R504
Res,6K8,+/-1%,0402,1/16W	RC0402FR-076K8L	2	R801,R1000
Res,180,+/-1%,0402,1/16W	RC0402FR-07180RL	1	R803
Res,562,+/-1%,0402,1/16W	RC0402FR-07562RL	1	R1002
Res,47K,+/-5%,0402,1/16W	RC0402JR-0747KL	2	R1004,R1005
Res,100,+/-5%,0402,1/16W	RC0402JR-07100RL	2	R1009,R1014,R414
Res,2K2,+/-5%,0402,1/16W	RC0402JR-072K2L	2	R1010,R1015
Res,27K,+/-5%,0402,1/16W	RC0402JR-0727KL	1	R1011
shielding Frame for U4 Bottom	TBD	1	SH410
shielding Frame for U4 Top	TBD	1	SH411
IC,Low Loss Power Distribution Switch,1.8V,500mA,SOT23-5	WL2803E18-5/TR	2	U300,U301
IC,DC/DC,500KHz,4.5~18V,2A,SOT23-6,SY8120B1ABC,SILERGY	SY8120B1ABC	4	U302,U303,U304,U305
IC,Apllication processor,2.0Ghz,0.65pitch,LFBGA334,S 905-H	S905-H	1	U400
IC,RESET CIRCUITS Active-Low 2.63V SOT23	SGM809-RXN3L/TR	1	U401
IC, IR,37.8KHz,940nm,2.7 V to 5.5 V,SMT	XD-R123C6E-(S)	1	U402
IC,DDR3,256Mx16bit,1866MHz,FBGA-96,7.5*13.3*1.1mm,20nm	K4B4G1646E-BCMA	4	U501,U502,U503,U504
KLM8G1GEND-B031,EMMC 8G,Samsung,	KLM8G1GEND-B031	1	U601
IC,Low Loss Power Distribution Switch,5V,	SY6280AAC	1	U801
TVS ESD Protection,VRWM=5V,VBR=9V(MAX),0.1 pF, 92W,±22KV	AZC199-04S	1	U802
IC,WiFi Module 802.11a/b/g/n/ac + BT4.1,2T2R,15x13x1.6mm	AP6356S	1	U901
IC, LDO, adjustable, 300mA, SOT_23_5L	SGM2032-ADJYN5G/TR	1	U1001
Crystal,24MHz,+/- 20ppm,CL=12pF,3.2*2.5*0.9mm	E3FB24E003600E	1	Y400
Crystal,37.400000MHz,+/- 10ppm,CL=10pF,3.2*2.5*0.75mm	E3SB37E0X3600E	1	Y900
Cap,Ceramic,0402,0.01uF,+/- 10%,16V,X7R	C0402X7R103K160NT	2	C1007,C1018
LDO,Three-terminal regulator,1A Single Output,SOT223	LC1117CLTR33	1	U900

SMD RF cable clip, cable size 0.8~1.3mm.	PCC1001	3	J903,J904
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