

# BOM

**BOM name: L508LA\_MB\_V1\_ROSE\_BOM\_K3**

**BOM number: L508LA\_MB\_V1\_ROSE\_BOM\_K3\_20220125**

Serial number	PN	model	Material description	manufactor	hit consumpti	Baseband	RF tag number
1	YK0021101990	L508LA_MB_V1	L508LA_MB_V1,PCB (8 layers and 1 medium) ,30mm*30mm*0.8mm, PCBSilk screen	Bomin	1		
2	YK0013700339	ASR1803S	A7/1.2G/256Mbit LPDDR2/315_pin/BGA/10.7x8.2x1.2mm	ASR	1	U1000	
3	YK0013101253	ASRPM803	IC PMIC WLCSP ASRPM803 2.489mmx2.073mmx0.522mm R0	ASR	1	U2001	
4	YK0013400637	XM25QU128CWIQT08Q (PW354F)	SPI Nor Flash, 128Mbit, 1.8v, 8-pad, WSON, 6x5mm, ppn PW354F	XMC	1	U3001	
5	YK0013000870	ETA5055V330DF1E	LDO, 3.3V, 500mA, Discharge 40Ω, DFN1*1-4LR0	ETA	1	U1001	
6	YK0013101298	CN4026M000097A840000	SMD 2016-4P 26MHz ±15PPM(-40℃--+85℃)	Jingwitt	1	X7001	
7	YK0013601777	S2916-51	Tx-Rx FEM for Quad-Band GSM/GPRS/EDGE W/14 linear TRx Switch ports, Dual-band TD-SCDMA, and TDD-LTE B34/B39, 5.50mmx5.30mmx0.9mm, 38-Pin	Hui Zhiwei	1		U7002
8	YK0013601814	S5643-51	IC MMB PA Module For 3G/LTE 4*6.8*0.8mm R0	Hui Zhiwei	1		U7000
9	YK0013601618	SFXG50FY902	B1 FILTER, DUPLEXER 1950MHZ/2140MHZ TX/RX 50/50 UNBAL 1814 ROHS	WISOL	1		FL8006
10	YK0013601917	SFXG47RUB02	DPX B3(Unbalance-1814)	WISOL	1		FL8001
11	YK0013601940	SAYRH1G74BA1FOAR00	SAWDuplexerforB66/Unbalanced/LR/181450/50	murata	1		FL8008
12	YK0013601753	SFX836EYJ02	B5 Duplexer TX/RX 50/50 UNBAL 1814 ROHS	WISOL	1		FL8002
13	YK0013601809	SAYRH725MBC0B0AR00	SAW Duplexer for Band28 / Unbalanced / LR /1814	MURATA	1		FL8007
14	YK0015100334	LRB521CS-30T5G	肖特基二极管, 30V, 100mA, 100mW, SOD923	LRC	1	D6000	

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	YK0015100552	PSBD9D30V01	DIO Schottky V <sub>rm</sub> =30V I <sub>f</sub> =500mA SOD-923 RO	Prisemi	2	D6001	
15	YK0013500181	BLM15AG121SN1D	磁珠, 120Ω, 100MHz, 500mA, 0402, 0.5mm	MURATA	1	B7000	
16	YK0012000723	GRM0335C1HR50BA01D	CAP COG 0.5PF +/-0.1PF 50V CH0201 RO	MURATA	1		L7000
17	YK0012001258	CC0201BRNP09BN1RO	CAPCOG1pF+/-0.1pF50VCH0201RO	YAGEO	1		C8082
18	YK0012001262	GRM0335C1H1R5BA01D	CAP COG 1.5pF +/-0.1pF 50V CH0201 RO	MURATA	1		C8055
19	YK0012001149	GRM0335C1E1R8CD01D	C-COG-25V-1.8pF±0.25PF-0201	MURATA	1		C8003
	YK0012001151	C0603COG1E1R8CT	C-COG-25V-1.8pF±0.25PF-0201	EYANG			
	YK0012100600	C0201COG1R8C500NTA	CAP COG 1.8pF +/-0.25P 50V CH0201 RO	EYANG			
	YK0012001153	0201N1R8C250LT	C-COG-25V-1.8pF±0.25PF-0201	WALSIN			
20	YK0012101288	GRM0335C1E2R4B	CAP COG 2.4PF+/-0.25PF25VCH0201RO	MURATA	2		C7015 C7021
	YK0012101634	C0201COG2R4B250NTA	CAP COG 2.4PF+/-0.1PF25VCH0201RO	EYANG			
	YK0012101635	C0201COG2R4C250NTA	CAP COG 2.4PF+/-0.25PF25VCH0201RO	EYANG			
21	YK0012000662	GRM0335C1H3R6BA01D	陶瓷电容3.6pF±0.1pF020150V	MURATA	1		C8036
22	YK0012002050	CC0201CRNP09BN6R2	CAP COG 6.2PF +/-0.25PF 50V CH0201 RO	Yu Yang	1		C8035
	YK0012000836	C0603COG1E6R2BT0	CAPCOG6.2PF+/-0.1PF25VCH0201RO	TDK			
	YK0012000837	GRM0335C1H6R2BD01D	CAPCOG6.2PF+/-0.1PF50VCH0201RO	MURATA			

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	YK0012101623	CC0201CRNP08BN6R2	CAP6.2pF+/-0.25pF25VCOG0201	YAGEO			
23	YK0012000728	GRM0335C1H100JA01D	CAP COG 10PF +/-5% 50V CH0201 RO	MURATA	1		L8006
24	YK0012000971	GRM0335C1E150JA01D	CAPCOG15PF+/-5%25VCH0201RO	MURATA	1		C8081
25	YK0012001097	C0603COG1E180JT	C-COG-25V-18PF ± 5%-0201	EYANG	1		C8002
	YK0012000113	C0201COG180J250NTA	CAPCOG18pF ± 5%25VCH0201RO	EYANG			
26	YK0012000729	GRM0335C1E330JA01D	CAPCOG33PF+/-5%25VCH0201RO	MURATA	20	C7011 C7030 C7039 C7041 C7043 C7044 C7056 C7063	C7009 C7012 C7022 C7031 C7037 C7064 C8021 C8037 L8001 C7076 C8086 L7001
	YK0012100215	CC0201JRNPO8BN330	CAPCOG33PF+/-5%25VCH0201RO	YAGEO			
	YK0012100614	C0201COG330J250NTA	CAPCOG33PF+/-5%25VCH0201RO	EYANG			
27	YK0012001105	GRM0335C1E101JA01D	C-COG-25V-100PF ± 5%-0201	MURATA	4	C5028 C5029	C7038 C8059
	YK0012100207	CC0201JRNPO8BN101	CAPCM1100PF+/-5%25VCH0201RO	YAGEO			
	YK0012000673	C0201COG101J250NT	CAPCM1100PF+/-5%25VCH0201RO	EYANG			
28	YK0012100609	C0201X7R102K250NTA	CAP X7R 1NF ±10% 25V CH0201 RO	EYANG	6	C7000	C7048 C7051 C7054 C7055 C7034
	YK0012100608	GRM033R71E102KA01D	CAP X7R 1NF ±10% 25V CH0201 RO	MURATA			
29	YK0012101630	C0201X5R562K250NTA	CAP X5R 5.6nF +/-10% 25V CH0201 RO	EYANG	1	C3005	
30	YK0012000985	C0201X7R103K100NTA	CAP X7R 10NF ±10% 10V CH0201 RO	EYANG	2	C4000	C7070

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30	YK0012100153	GRM033R71A103KA01D	CAP X7R 10NF ±10% 10V CH0201 RO	MURATA	2	C4000	C7070	
31	YK0012100214	CC0201KRX5R5BB104	CAP X5R 100NF +/-10% 6.3V CH0201 RO	YAGEO	32	C3002	C7069	
	YK0012000047	CLO3A104KQ3NNNC	CAP X5R 100NF +/-10% 6.3V CH0201 RO	SAMSUNG		C3003		
	YK0012000121	C0201X5R104K6R3NT/HA	CAP X5R 100NF +/-10% 6.3V CH0201 RO	EYANG		C3000		
	YK0012100611	GRM033R60J104KE19D	CAP X5R 100NF +/-10% 6.3V CH0201 RO	MURATA		C4007		
	YK0012000674	C0201X5R104K100NTA	CAP X5R 100NF +/-10% 10V CH0201 RO	EYANG		C4008		
32	YK0012000122	C0201X5R224M6R3NTJ	CAPX5R220nF+/-20%6.3VCH0201RO	EYANG	1	C3004		
	YK0012001313	GRM033R60J224ME90D	CAPX5R220nF+/-20%6.3VCH0201RO	MURATA				
	YK0012000540	CLO3A224MQ3NNNC	CAPX5R220nF±20%6.3VCH0201RO	samsung				
	YK0012000787	CC0201MRX5R5BB224	CAPX5R220NF+/-20%6.3VCH0201RO					
33	YK0012100910	CLO3A105MQ3CSNH	CAP X5R 1uF +/-20% 6.3V CH0201 RO	SAMSUNG	34	C4001		
	YK0012000987	JMK063BJ105MP-F	CAPX5R1uF+/-20%6.3VCH0201RO	TAIYO				C4002
	YK0012000639	GRM033R60J105MEA2D	CAPX5R1uF+/-20%6.3VCH0201RO	MURATA				C4003
34	YK0012101561	LMK105BJ225KV-F	Multilayer ceramic capacitor, X5R, 2.2uF, ±10%, 10V, 0402, 0.5mm	TAIYO YUDEN	6	C4006	C7036 C7058	
	YK0012000011	JMK105BJ225MV-F	C-X5R-10V-2.2UF-20%-0402 2.2UF CH0402 RO	TAIYO YUDEN				C5022
						C5050		
						C5051		

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35	YK0012100726	GRM155R60J475ME87D	CAPX5R4.7UF+/-20%6.3VCH0402RO	MURATA	9	C5000	C7050 C7068
	YK0012100484	JMK105BBJ475MV-F	CAPX5R4.7UF+/-20%6.3VCH0402RO	TAIYO		C5024 C5025 C5043 C5044	
36	YK0012000887	GRM155R60J106ME44D	CAPX5R10uF+/-20%6.3VCH0402RO	MURATA	2	C3017 C3018	
	YK0012001338	CL05A106MQ5NUNC	CAP X5R 10uF +/-20% 6.3V CH0402 RO	SAMSUNG			
	YK0012000812	JMK105CBJ106MV-F	CAPX5R10uF+/-20%6.3VCH0402RO	TAIYO			
	YK0012000888	C0402X5R106M6R3NTC	CAP, X5R, 10uF, +/-20%, 6.3V, 0402	Yu Yang			
37	YK0012100954	CL10A226MQ8NRNE	CAP 22uF +/-20% 6.3V X5R 0603	SAMSUNG	3	C3001 C3020	C7071
	YK0012000623	GRM188R60J226MEA0D	CAPX5R22uF+/-20%6.3VCH0603RO	MURATA			
38	YK0014102442	SDCL0603Q1N0BT02B03	IND HIGH HQ 1.0nH +/-0.1nH CH0201 RO	SUNLORD	1		C8083
39	YK0014100418	LQP03TN1N2B02D	INDHQ1.2NH+/0.1NHCH0201RO	MURATA	1		C8010
40	YK0012101633	SDCL0603Q2N7BT02B03	inductance, 2.7nH, ±0.1nH, 0201	SUNLORD	1		C8054
	YK0014100596	MLG0603S2N7BT	INDHIGH2.7NH+/-0.1nHCH0201RO	SUNLORD			
41	YK0014102473	SDCL0603Q2N0BT02B03	INDHIGHHQ2.0nH+/-0.1nHCH0201RO	SUNLORD	1		C8001
42	YK0014102464	SDCL0603Q2N2BT02B03	IND HIGH HQ 2.2nH +/-0.1nH CH0201 RO	SUNLORD	2		C8032 C8080
43	YK0014102465	SDCL0603Q2N4BT02B03	IND HIGH HQ 2.4nH +/-0.1nH CH0201 RO	SUNLORD	2		C8043 L7012
44	YK0014102466	SDCL0603Q3N0BT02B03	INDHIGHHQ3.0nH+/-0.1nHCH0201RO	SUNLORD	2		C8034 L7004

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45	YK0014102475	SDCL0603Q4N3ST02B03	IND HQ 4.3NH +/-0.3NH CH0201 RO	SUNLORD	3		L8005 C8052 C8062
	YK0014101929	SDCL0603Q4N3CT02	IND HIGHHQ 4.3nH+/-0.2nH CH0201 RO	SUNLORD			
46	YK0014102301	SDCL0603Q5N1ST02B03	IND HIGH 5.1NH ±0.3NH CH0201 RO	SUNLORD	2		L8000 L8007
47	YK0014102463	SDCL0603Q6N2BT02B03	INDHIGHHQ6.2nH+/-0.1nHCH0201RO	SUNLORD	1		C8038
48	YK0014102477	SDCL0603Q8N2HT02B03	INDHIGHHQ8.2nH+/-3%CH0201RO	SUNLORD	5		C8051 L7007 C8084 C8048 C8056
49	YK0014102502	SDCL0603Q12NJTO2B03	IND HQ 12NH+/-5%NH CH0201 RO	SUNLORD	2		C8041 C8061
50	YK0014102462	SDCL0603Q15NHT02B03	INDHIGHHQ15nH+/-3%CH0201RO	SUNLORD	1		C8060
51	YK0014102382	WPN201610UF1ROMT	IND 1uH 4.5A 50MOHM 201610	SUNLORD	1	L3001	
	YK0014102417	MPIM201610E1ROM-LF	IND, 1.0uH, 20%, Isat=4A, Item=3.5A, DCR=0.054 Ω 201610	Microgate			
	YK0014102352	MEKK2016H1ROM	INDUCTOR, POWER, 1.0UH, 20%, Isat=4A, Item=3.5A, DCR=0.048 Ω 201610	TAIYO YUDEN			
52	YK0011001586	WR02X000PAL	RES MF OR +/-5% 1/20W CH0201 RO	WALSIN	4	R5003 R7012 R1006	L7006
	YK0011000155	RC0201JR-070RL	RES MF OR +/-5% 1/20W CH0201 RO	YAGEO			
	YK0011000630	0201WMJ0000TCE	RES MF OR +/-5% 1/20W CH0201 RO	UNIOHM			
53	YK0011000332	RC0201JR-0751RL	RES_MF_51R +/-5%_1/20W_CH0201_RO	YAGEO	1		R7002
	YK0011000734	0201WMJ0510TCE	RES_MF_51R +/-5%_1/20W_CH0201_RO	UNIOHM			
	YK0011001387	RC0201FR-07240RL	RESMF240R+/-1%1/20WCH0201RO	YAGEO			

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54	YK0011001672	WR02X2400FAL	RESMF240R+/-1%/20WCH0201RO	WALSIN	3	R5000 R5001 R5002	
	YK0011001981	0201WMF2400TCE	RESMF240R+/-1%/20WCH0201RO	UNIOHM			
55	YK0011000865	RC0201JR-07510RL	RESMF510R+/-5%/20WCH0201RO	YAGEO	2	R4009 R4010	
56	YK0011000157	RC0201JR071KL	RESMF1K+/-5%/20WCH0201RO	YAGEO	3	R3002 R2002	L7005
	YK0011000632	0201WMJ0102TCE	RESMF1K+/-5%/20WCH0201RO	UNIOHM			
	YK0011000877	WR02X102JAL	RESMF1K+/-5%/20WCH0201RO	WALSIN			
57	YK0011000354	RC0201JR-071K5L	RESMF1.5K+/-5%/20WCH0201RO	YAGEO	2	R4007 R4008	
	YK0011000751	0201WMJ0152TCE	RESMF1.5K+/-5%/20WCH0201RO	UniOhm			
58	YK0011001731	RC0201FR-072K2L	Res. Chip2. 2k1%02011/20WSMD	YAGEO	1	R4002	
	YK0011000336	RC0201JR-072K2L	RES_MF_2.2K_+5%_1/20W_CH0201_RO	YAGEO			
59	YK0011000397	RC0201JR-074K7L	RESMF4.7KR+/-5%/20WCH0201RO	YAGEO	3	R1002 R3003 R3004	
	YK0011000779	0201WMJ0472TCE	RESMF4.7KR+/-5%/20WCH0201RO	UniOhm			
60	YK0011002626	RC0201FR-076K8L	RESMF6.8K+/-1%/20WCH0201RO	YAGEO	1	R4003	
61	YK0011001592	WR02X1002FAL	RES MF 10K +/-1% 1/20W CH0201 RO	WALSIN	3	R6003 R7001 R1003	
	YK0011000625	0201WMF1002TCE	RESMF10K+/-1%/20WCH0201RO	UNIOHM			
	YK0011001984	RC0201FR-0710KRL	RESMF10KR+/-1%/20WCH0201RO	YAGEO			

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62	YK0011000440	RC0201FR-0712KL	RESMF12K+/-1%/20WCH0201RO	YAGEO	1	R4000	
63	YK0011001689	RC0201FR-07100KL	RESMF100K+/-1%/20WCH0201RO	YAGEO	1	R1001	
	YK0011001748	WRO2X1003FAL	RESMF100K+/-1%/20WCH0201RO	WALSIN			
64	YK0024001347	L508LA-SHIELDING-COVER	L508LA Shield, 28.5*28.5*1.55, T0.2mm, C7701White copper	Haitong	1		
	YK0024001368	L508LA-SHIELDING-COVER-CB	L508LA Shield, 28.5*28.5*1.55, T0.2mm, C7701White copper	MaxBand			
65	YK0030700929	L501-LABEL	L501lable, size 27.5*27.5*0.1mm, material: High temperature resistance LYNQ LOGO	Bicao	1		