

BOM

No	Coding	Name	Specification	Location	quantity	Note	vendor code
1	K310160309F100	GK309F_MB_V6.1	85*49*1mm, 6 V6.1		1	M	
2	K3111012085600	Chip capacitor	1.2pF±0.25pF 50V COG 0402	C31	1	M	GRM1555C1H1R2CZ01D
3	K3111022085600	Chip capacitor	2.2pF±0.25pF 50V COG 0402	C315 C316	2	M	GRM1555C1H2R2CZ01D
4	K3111027085600	Chip capacitor	2.7pF±0.25pF 50V COG 0402	C313	1	M	GRM1555C1H2R7CZ01D
5	K3111180084100	Chip capacitor	18pF±5% 50V COG 0402	C4 C11 C32	3	M	GRM1555C1H180JZ01D
6	K3111220085100	Chip capacitor	22pF±5% 50V COG 0402	C301 C423 C424	3	M	GRM1555C1H220JZ01D
7	K3111330085100	Chip capacitor	33pF±5% 50V COG 0402	C5 C6 C504 C505 C506 C511	6	M	GRM1555C1H330JZ01D
8	K3111101085100	Chip capacitor	100pF±5% 50V COG 0402	C503 C508	2	M	GRM1555C1H101JZ01D
9	K3111221085100	Chip capacitor	220pF±5% 50V COG 0402	C312	1	M	GRM1555C1H221JA01D
10	K3111331085100	Chip capacitor	330pF±5% 50V COG 0402	C203	1	M	GRM1555C1H331JA01D
	K3111331085105	Chip capacitor	330pF±5% 50V COG 0402	C203	1	T	C0402COG331J500NY
11	K3111102085200	Chip capacitor	1nF±10% 50V X7R 0402	C411 C15	2	M	GRM155R71H102KA01D
12	K3111152085200	Chip capacitor	1.5nF±10% 50V X7R 0402	C302 C306	2	M	GRM155R71H152KA01D
13	K3111472085200	Chip capacitor	4.7nF±10% 50V X7R 0402	C419 C420	2	M	GRM155R71H472KA01D
14	K3111103065200	Chip capacitor	10nF±10% 25V X7R 0402	C222	1	M	GRM155R71E103KA01D
15	K3111104025200	Chip capacitor	100nF±10% 10V X5R 0402	C409 C507 C510	3	M	GRM155R61A104KA01D

	K3111104055305	Chip capacitor	100nF±20% 16V X5R 0402	C409 C507 C510	3	T	
16	K3111224065200	Chip capacitor	220nF±10% 10V X5R 0402	C401	1	M	GRM155R61A224KE15D
17	K3111474025200	Chip capacitor	470nF±10% 10V X5R 0402	C1	1	M	
18	K3111105025200	Chip capacitor	1uF±10% 10V X5R 0402	C101 C102 C201 C207 C209 C210 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C314 C410 C413 C414 C417 C418 C422 C502 C2 C12 C1123	27	M	GRM155R61A105KE15D
	K3111105015200	Chip capacitor	1uF±10% X5R 6.3V 0402	C101 C102 C201 C207 C209 C210 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C314 C410 C413 C414 C417 C418 C422 C502 C2 C12 C1123	27	T	GRM155R60J105KA01D
	K3111105015305	Chip capacitor	1uF±20% 6.3V X5R 0402	C101 C102 C201 C207 C209 C210 C212 C213 C214 C215 C216 C217 C218 C219 C220 C221 C314 C410 C413 C414 C417 C418 C422 C502 C2 C12 C1123	27	T	
19	K3111105061200	Chip capacitor	1uF±10% 25V X5R 0603	C202	1	M	GRM188R61E105KA12D
	K3111105061205	Chip capacitor	1uF±10% X5R 25V 0603	C202	1	T	
20	K3111225015304	Chip capacitor	2.2uF±20% X5R 6.3V 0402	C104 C105 C208 C415 C408 C421 C211	7	M	
21	K3111475011200	Chip capacitor	4.7uF±10% X5R 6.3V 0603	C412 C407	2	M	GRM188R60J475KE19D

	K3111475011305	Chip capacitor	4.7uF±20% 6.3V X5R 0603	C412 C407	2	T	
22	K3111106011305	Chip capacitor	10uF±20% X5R 6.3V 0603 0.80MM	C509	1	M	
	K3111106011304	Chip capacitor	10uF±20% X5R 6.3V 0603	C509	1	T	
23	K3111226012300	Chip capacitor	22uF±20% X5R 6.3V 0805	C205 C311	2	M	GRM21BR60J226ME19D
	K3111226012304	Chip capacitor	22uF±20% 6.3V 0805 H=1.25MM	C205 C311	2	T	CL21A226MQNNNE
24	K3108400900530	Chip resistor	0Ω 5% 1/16W 0402	L301 L303 R110 R404 R203 R206 R407 L305 L306	9	M	RC0402JR-070RL
25	K3108400021510	Chip resistor	0Ω 5% 1/10W 0603	L503 L504	2	M	RC0603JR-070RL
26	K3108420831100	Chip resistor	0.2Ω 1% 1/8W 0805	R208	1	M	RL0805FR-070R2L
27	K3108433000530	Chip resistor	33Ω 5% 1/16W 0402	R401 R402	2	M	RC0402JR-0733RL
28	K3108410100530	Chip resistor	100Ω 5% 1/16W 0402	R101 R102 R112 R113 R501 R502 R510 R515	8	M	RC0402JR-07100RL
29	K3108439100530	Chip resistor	390Ω 5% 1/16W 0402	R503 R504 R511 R512 R513 R514	6	M	RC0402JR-07390RL
30	K3108447100530	Chip resistor	470Ω 5% 1/16W 0402	R108	1	M	RC0402JR-07470RL
31	K3108468100530	Chip resistor	680Ω 5% 1/16W 0402	R505	1	M	RC0402JR-07680RL
32	K3108410200530	Chip resistor	1K 5% 1/16W 0402	R202 R302 R213 R104 R204 R303 R517 R519	8	M	RC0402JR-071KL
33	K3108415200530	Chip resistor	1.5K 5% 1/16W 0402	R211 R516 R518	3	M	RC0402JR-071K5L
34	K3108433211130	Chip resistor	3.3K 1% 1/16W 0402	R210	1	M	RC0402FR-073K3L
35	K3108410300530	Chip resistor	10K 5% 1/16W 0402	R116 R305 R405 R214 R8	5	M	RC0402JR-0710KL

36	K3108424300530	Chip resistor	24K 5% 1/16W 0402	R304 R107	2	M	RC0402JR-0724KL
37	K3108439311130	Chip resistor	39K 1% 1/16W 0402	R207	1	M	RC0402FR-0739KL
38	K3108447300530	Chip resistor	47K 5% 1/16W 0402	R109	1	M	RC0402JR-0747KL
39	K3108410400530	Chip resistor	100K 5% 1/16W 0402	R201 R508	2	M	RC0402JR-07100KL
40	K3108420400530	Chip resistor	200K 5% 1/16W 0402	R3 R105 R106 R506	4	M	RC0402JR-07200KL
41	K3108433411130	Chip resistor	330K 1% 1/16W 0402	R209	1	M	RC0402FR-07330KL
42	K3110115402180	varistor	18V 15P 0402	T501 T502 T503 T504 T507 T508 T509 T510 T511 T202 T203 T102 C206	13	M	AVLC18S02015
	K3110110050300	varistor	18V 15P 0402	T501 T502 T503 T504 T507 T508 T509 T510 T511 T202 T203 T102 C206	13	T	XTVC1005-027L015NT
	K3110110180010	varistor	18V 10P 0402	T501 T502 T503 T504 T507 T508 T509 T510 T511 T202 T203 T102 C206	13	T	CK0402100V18
43	K3105D9X525100	TVS diode	TVS diode ESD9X5.0ST5G 5V (ON)	T505 T506	2	M	ESD9X5.0ST5G
	K31052FD5VB100	TVS diode	PESDNC2FD5VB DFN1006-2L	T505 T506	2	T	PESDNC2FD5VB
44	K3121440233601	SMT inductance	3.3nH \pm 0.3nH 0402	L2 L304	2	M	LQG15HS3N3S02D
45	K3121440243600	SMT inductance	4.3nH \pm 0.3nH 0402	L307 L308	2	M	LQG15HS4N3S02D
46	K3121440275600	SMT inductance	7.5nH \pm 5% 0402	L6 L12	2	M	LQG15HS7N5J02D

47	K3121440222700	SMT inductance	22nH \pm 5% 0402	L404 L1101	2	M	LQG15HS22NJ02D
48	K3121400000015	Lamellar ferrite beads	1000 Ω \pm 25% 200mA 0402	Z101 Z1 Z2 Z3	4	M	BLM15AG102SN1D
49	K3104143000120	Composite triode	E23 SOT-523	Q201 Q501 Q502 Q503 Q506 Q507 Q508	7	M	DTC143ZE
50	K3106200300103	Is light trichromatic lamp	19-237_R6GHBHC-A01_2T	D501	1	M	19-237_R6GHBHC-A01_2T
51	K3106260190100	Patch light-emitting diode	light (0603)	D502 D503 D504 D505	4	M	ORH-W46G
	K3106260399114	Patch light-emitting diode	white light 0603 1.6*0.8mm	D502 D503 D504 D505	4	T	JT-HCM0603QWY
	K3106216399100	Patch light-emitting diode	white light 0603	D502 D503 D504 D505	4	T	A-SP194W1D-C01-4T
	K3106216399101	Patch light-emitting diode	white light 0603	D502 D503 D504 D505	4	T	L-SP194W1D-C01-4T
52	K3104034010100	P - MOSFET	30V, 4.2A, 1W, SOT23, A19T	T201	1	M	A03401
53	K3102SBT5853P000005	The integrated circuit	SBT5853PT1G	U201	1	M	SBT5853PT1G
	K3104T30E20100	Charging PNP transistor	SOT-6	U201	1	T	PT236T30E2
54	K31045833T1100	NPN	NPN, B8M, SOT-416, PD125mW	Q509 U202	2	M	SBT5833T1G
	K3102PNM723T7000005	N-channel MOS tube	180mA SOT-723	Q509 U202	2	T	PNM723T703E0-2
55	K3105520302100	Schottky diode	SOD523	D101 D2	2	M	RB520S-30
	K3105042000100	Schottky diode	1SS420	D101 D2	2	T	1SS420
	K3105023000100	Schottky diode	CDBU0230R	D101 D2	2	T	CDBU0230R
	K3105520302102	Schottky diode	30V, 200mA, SOD523, 丝印:5J	D101 D2	2	T	LRB520S-30T1G
56	K3105Z5231B100	Voltage regulator tube	5.1V, 500mW, SOD123, 丝印:E1	D201	1	M	MMSZ5231BT1G
57	K3102BL919828000005	LDO	LDO 2.8V SOT-23-5	U103	1	M	BL9198-28BAPRN

58	K3102BL919833000005	LDO	LDO 3.3V SOT-23-5	U403	1	M	BL9198-33BAPRN
59	K3102KH25U643000015	memory	8pin-WSON 1.8V 6*5*0.8mm	U102	1	M	KH25U6439FZNI-10G
60	K31020MT3336N000005	GPS chip	MT3336N QFN-48	U404	1	M	MT3336N
61	K3102EM78P152000025	Watchdog IC	EM78P152S-RAD 10PIN SSOP (GK309) ck:DC5F 1367	U1	1	M	GK309专用
62	K3102BGA725L6000005	GPS_LNA	1550~ 1615M, Gain=20dB, NF=0.65dB, 1.1*0.7*0.45mm	U3 U7	2	M	BGA725L6
	K3102BGA524N6000005	GPS_LNA	BGA524N6: TSNP-6-2	U3 U7	2	T	BGA524N6
63	K3136260002103	The patch crystals	26MHZ 3.2*2.5mm	X301	1	M	7M26000028
	K3136260002104	The patch crystals	26MHZ 3.2*2.5mm	X301	1	T	TZ1689A
	K3136260002107	The patch crystals	26MHZ 3.2*2.5mm	X301	1	T	X1E000021043400
	K3136260002105	The patch crystals	26MHZ 3.2*2.5mm	X301	1	T	X3S026000B71HZ-HPR
	K3136260002153	The patch crystals	26MHZ±10ppm 2.5*3.2mm	X301	1	T	X3G026000B71HZ-HPR
	K3136260002159	The patch crystals	26MHz ±10ppm 7.3PF 3225	X301	1	T	XTL571100-M118-048
64	K3136260002004	The patch crystals	26MHz ±0.5ppm 2520 TCX0 H. 26.00	X401	1	M	DSB221SDA 1XXB26000CTB
	K3136260002114	The patch crystals	26MHZ TCX0, 2.5×2.0mm, 0.5ppm	X401	1	T	ENG3216E
	K3136260002142	The patch crystals	26MHZ±0.5ppm SMD TCX02.5*2.0	X401	1	T	7L26002009
65	K3102SAFE1G5000005	GPS sound table	SAFE1G57KE0F00	U8	1	M	SAFE1G57KE0F00
66	K310200RF7198000005	Rf power amplifier	PA 5.25*5.3mm	U302	1	M	RF7198
67	K31020MT6261A000005	Baseband chips	TFBGA145-ball 300M	U301	1	M	MT6261A

68	K3134843026110	Rf test block	MM8430-2610RB3	J301	1	M	MM8430-2610RB3
	K3134818000100	Rf test block	ECT818000001	J301	1	T	ECT818000001
	K3134800101100	Rf test block	ABA-MRF-001-P01	J301	1	T	ABA-MRF-001-P01
69	K3123111401100	Micro switch	INT-1114A	J506	1	M	INT-1114A
	K3134172453508	Micro switch	4.5X2.3X1.7H	J506	1	T	ST-1114A
70	K3123062525000	Toggle switch	6pin 7.1*3.5*2.5mm	J1	1	M	MSK-01P
	样品不入系统	Toggle switch	IS-1390-AD-01A-A	J1	1	T	IS-1390-AD-01A-A
71	K3134062515110	SIM gets stuck	6pin PH=2.54mm H=1.55mm	J203	1	M	SIM28-6K53813
72	K3317080020213	GSM antenna shrapnel	H=2.00 4.0*1.5*2.0	E302	1	M	HS-2180002-200-TP
	K3321401521000	Antenna shrapnel	1.5*4.0*2.1H	E302	1	T	06-002-0022
73	K3134050624040	The USB connector	MICRO USB 5P 沉板1.0MM	J501	1	M	USB-010-0001
74	K3312K309F0000	Shielding cover	35.10X27.47X1.0	P1	1	M	GK309F_CASE_CO
75	K3312K309F0001	Shielding box	34.70X27.07X1.3	P1	1	M	GK309F_CASE_FR