

BOM-Q50

No.	Model	SPEC.	Unit	Location
1	ASR1602C	BB LTE BGA148P 32M-bit+16M-bit RO	1	U501
2	SX20Y026000B91T005	CRY XO 26.000MHZ 9PF ±10PPM CH2016 RO	1	X601
3	OM8443-25	PA,3G4G MMB PA,MIPI CONTROL RO	1	U1001
4	SAYAP1G88BA0C0A	DUPLEXER B2 50/50/50R 1612 RO	1	U1108
5	SAYRH1G74BA1F0A	DUPLEXER,B66,UNBALANCED,1814, RO	1	U1101
6	LBD0882B0G	DUPLEXER,B5,1814, RO	1	U1103
7	SAYRZ707MBA0E0A	DUPLEXER B12 50/50/50R 1612 RO	1	U1111
8	B39781B1274L210	DUPLEXER B13 50/50/50R 1612 RO	1	U1106
9	WS7802DE-6/TR	IC,SPDT GPIO Switch,0.1- 3.0GHz RO	1	U1002
10	CAN1326G	SP4T LTE SWITCH 1.1 X 1.1 X 0.55MM RO	2	U602 U603
11	A7678X_SHIELDING_FRM_H SC	A7678X SHIELDING FRM RO	1	CA01
12		8BVA10-SIM800F32-PACK RO	1	PK01
13	8BG000-A7670G-UB_V1.01_PCB_3X5_HDI_6L_RH_1 05141	8BG000-A7670G-UB_V1.01_PCB_3X5_HDI 6L RH	1	PCB101
14	WS05DPF-B	BI-TVS 5V 30PF 300W DFN1006- 2L RO	1	TVS902
15	RC0201JR-070RL0201WMJ0000TCERM02JTN0R0201JXX0000P20LHZWR02X000PAL	RES MF 0R +/-5% 1/20W CH0201 RO	4	R601 R901 C1032 C1117
16	RC0201JR-071KL0201WMJ0102TCERM02JTN102R0201RXX102XJ20LHZWR02X102JAL	RES MF 1K +/-5% 1/20W CH0201 RO	2	R502 R503
17	RC0201JR-074K7L0201WMJ0472TCERM02JTN472R0201RXX472XJ20LHZWR02X472JAL	RES MF 4.7KR +/-5% 1/20W CH0201 RO	1	R904
18	RC0201FR-076K8L★R0201RXX682XF20LHZ★WR02X6801FAL★RM02FTN6801★0201WMF6801TEE	0201 RES (6.8KΩ ±1% 1/20w) RO	1	R505
19	RC0201FR-0712KL0201WMF1202TEERM02FTN1202R0201RXX123XF20LHZWR02X1202FAL	RES MF 12K +/-1% 1/20W CH0201 RO	1	R504

20	WIP201610S-1R0ML	POWER 1.0UH 20% 3.0A 0.06OHM 2016 RO	1	L501
21	C0201C0G101J500NTA	CAP C0G 100PF ±5% 50V CH0201 RO	5	C504 C1001 C1016 C1017 C1202
22	V103K0201X5R250NAT	CAP X5R 10NF ±10% 25V CH0201 RO	2	C512 C1004
23	C0201D5R104K100NTA	CAP X5R 100NF +/-10% 10V CH0201 RO	6	C516 C521 C526 C528 C529 C1002
24	C0201X5R224M6R3NTJ	CAP X5R 220NF +/-20% 6.3V CH0201 RO	1	C513
25	C0603X5R0J105MT00NE	CAP X5R 1UF +/-20% 6.3V CH0201 RO	6	C509 C510 C511 C522 C532 C610
27	0201B102K250CT	CAP X7R 1NF ±10% 25V CH0201 RO	3	C514 C515 C1000
28	C0402X5R475M6R3NTC	CAP X5R 4.7UF 0.7mm宽±20% 6.3V CH0402 RO	2	C501 C1005
29	C0201X5R474M6R3NTJ	CAP X5R 470NF +/-20% 6.3V CH0201 RO	1	C508
30	CL05A225MQ5NSNC	CAP X5R 2.2UF ±20% 6.3V CH0402 RO	3	C506 C507 C517
31	CL05A106MQ5NUNC	CAP X5R 10UF 0.7mmW ±20% 6.3V CH0402 RO	1	C505
32	C0201X5R223M100NT	CAP, 0201, 22nF, ± 20%, 10V, X5R, 0. 3H RO	1	C503
33	LQP03TN4N3H02D	IND HIGH 4.3NH +/-3% CH0201 RO	1	L1104
34	C0201C0G330J500NTA	CAP C0G 33PF +/-5% 50V CH0201 RO	12	C603 C604 C605 C606 C607 C608 C609 C616 C1203 C1024 C1028 C1111
35	V1R2A0201C0G500NAT	CAP C0G 1.2PF ±0.05PF 50V CH0201 RO	2	C1025 C1027
36	SDCL0603Q5N1HT02B03	IND 5.1NH ±3% CH0201 RO	2	L1106 C1008
37	0201N2R4B500CT	CAP C0G 2.4PF +/-0.1PF 50V CH0201 RO	1	C1031
38	MLG0603P2N2BTZ10	IND,0201,2.2nH,±0.1nH,550mA RO	2	C1026 C1115
39	SDCL0603Q3N0BT02B03	IND HIGH 3.0NH ±0.1NH CH0201 RO	2	L1114 C1114
40	V1R5A0201C0G500NAT	CAP C0G 1.5PF ±0.05PF 50V CH0201 RO	1	L1130
41	SDCL0603Q12NJT02B03	IND 0201 12nH ±5% 250MA RO	1	C1011
42	SDCL0603Q10NHT02B03	0201Conductor (10nH±3%,100mA) RO	2	L1115 C1113

43	SDCL0603Q5N6HT02B03	IND 5.6NH $\pm 3\%$ CH0201 RO	1	C1132
44	C0201C0G1R0A500NTA	CAP C0G 1PF ± 0.05 PF 50V CH0201 RO	3	C1029 L1012 L1016
45	SDCL0603Q18NHT02B03	IND,0201,18nH, $\pm 3\%$,160MA RO	1	L1113
46	SDCL0603Q1N8BT02B03	IND 0201 1.8nH ± 0.1 nH 600MA RO	1	C1103
47	SDCL0603Q3N3BT02B03	IND,0201,3.3nH, ± 0.1 nH,400MA RO	1	C1142
48	C0201C0G2R2B500NTA	CAP C0G 2.2PF ± 0.1 PF 50V CH0201 RO	2	L1008 C1110
49	V2R7B0201C0G500NAT	CAP 2.7pF ± 0.1 pF 50V C0G 0201 RO	2	C1116 C619
50	SDCL0603Q15NHT02B03	IND 15NH $\pm 3\%$ CH0201 RO	2	C615 L1127
51	MLG0603P22NHTZ10	IND,0201,22nH, $\pm 3\%$,140mA RO	2	C1030 C620
52	SDCL0603Q1N0BT02B03	IND 1NH ± 0.1 NH CH0201 RO	1	C1206
53	SDCL0603Q2N0BT02B03	IND 2NH ± 0.1 NH CH0201 RO	2	C1107 C1207
54	SDCL0603Q4N7HT02B03	IND 4.7NH $\pm 3\%$ CH0201 RO	1	C1101
55	GRM0335C1HR70BD01D	CAP C0G 0.7PF ± 0.1 PF 50V CH0201 RO	1	L1011
56	SDCL0603Q3N6BT02B03	IND 0201 3.6NH ± 0.1 NH 400MA RO	1	C1125
57	MLG0603P47NHTZ10	IND,0201,47nH, $\pm 3\%$,110mA RO	1	L1206
58	SDCL0603Q2N7BT02B03	IND 2.7NH ± 0.1 NH CH0201 RO	2	C1006 C1015
59	V1R8A0201C0G500NA*	CAP C0G 1.8PF ± 0.05 PF 50V CH0201 RO	1	L1021
60	MLG0603P33NHTZ10	IND,0201,33nH, $\pm 3\%$,120mA RO	3	L1128 L1108 L602
61	RC0201JR-07100RL0201WMJ0101TCERM02JTN	RES_MF_100R_ $\pm 5\%$ _1/20W_CH0201 RO	1	R501
62	RF03N0R5A500CT	CAP HQC 0.5PF ± 0.05 PF 50V CH0201 RO	1	C1034

BOM-Q50

NO.	NAME	SPEC.	LOCATION	QTY.
1	Switch socket	RF base /2 generation	ANT4	1
2	Switch socket	1.25*4P vertical sticker	J12	1
3	Switch socket	NANO_SIM card holder	U8	1
4	Integrated circuit	4G module /A7670NA	U6	1
5	Switch socket	4.5*4.5*7.5 rubber button	SW5	1
6	Switch socket	Self-locking switch /5.8ZSGT/6PIN/ Height 10MM	SW3	1
7	Resistance R	220R	R80,R87	2
8	solenoids	WPM3401	Q6	1
9	Switch socket	TYPEC_24PIN Straight socket/Height 13MM	J35	1
10	Integrated circuit	LDO/CL9193A33L5M/300MA	U13	1
11	Switch socket	1.5*2P vertical sticker	J10	1
12	Capacitance C	15PF/J/50V	C34,C35,C36,C37	4
13	Capacitance C	Chip aluminum electrolytic capacitor 220UF/10V SMD_6.3*5.4	C262	1
14	Capacitance C	225/K/10V	C48	1
15	Capacitance C	22UF/K/10V	C46,C258	2
16	Capacitance C	475/Z/10V	C49	1
17	Capacitance C	100UF/Z/16V	C16	1

18	Integrated circuit	ESD9B5V-2/TR	D15,D16,D17,D18,D7,D13,D5	7
19	Capacitance C	104/Z/16V	C15,C27,C45,C121,C139	5
20	Capacitance C	33PF/J/50V	C14	1
21	Capacitance C	22UF/M/10V	C17	1
22	Resistance R	33R	R627,R628,R629,R633	4
23	Resistance R	4.7 K	R634,R635,R637,R638,R639	5
24	Resistance R	100R	R98	1
25	Resistance R	100K	R277,R312,R616,R617,R626	5
26	Resistance R	1K	R95,R107,R300,R301,R302,R305	6
27	Resistance R	22R	R61,R62,R63	3
28	Resistance R	10K	R32,R84,R85,R90,R311	5
29	Resistance R	0R	R7	1
30	Resistance R	0R	R6,R82,R621,R622,C13	5
31	Resistance R	1M	R4,R88,R304,R636	4
32	solenoids	SI2302	Q56,Q57,Q58,Q59	4
33	solenoids	MMBT3904	Q7,Q8,Q9,Q10	4
34	PCB empty board	Q50/RF/ V5.2/20250102/4 /H1.2/OSP		1
35	Switch socket	1.27/2*12P double-row busbar height 20.0MM patch/braid packaging	J21	
36	Integrated circuit	XC9306	U14	1

37	Capacitance C	22UF/K/10V	C46,C609,C604	3
38	Integrated circuit	Charging IC/XC4056A	U12	1
39	solenoids	IN5819/2A	D40,D42	2
40	Switch socket	1.25*2P vertical sticker	J6,J8	2
41	Switch socket	1.25*4P vertical sticker	J9	1
42	Switch socket	1.5*2P vertical sticker	J10	1
43	Switch socket	The head of the waterproof base of the four-pin insert plate on the TYPE-C16PIN board is exposed 1.20	J31	1
44	Resistance R	200K	R6	1
45	Resistance R	21K/1%	R276	1
46	Capacitance C	104/Z/16V	CP35,C613	2
47	Capacitance C	10UF/Z/10V	C22	1
48	Capacitance C	10 uf / 6.3 V/X5R	C608	1
49	Resistance R	1K/1%	R273	1
50	Resistance R	10K	R274	1
51	Resistance R	100K/1%	R275	1
52	Resistance R	51K/1%	R93	1
53	Resistance R	5.1 K	R277,R278	2
54	Resistance R	1K	R615	1
55	solenoids	MMBT3904	Q10	1

56	PCB empty board	Q50/CG/V5.1/20241211/ dual /H1.2/OSP		1
57	Lens	PIR/KM362/ Foot length 20MM	U26	1
58	Integrated circuit	DC-DC/LN2401AMR_3AMC	U17	1
59	Integrated circuit	MCU/P103	U4	1
60	Capacitance C	225/K/10V	C69,C75	2
61	Resistance R	R / 1.2 1%	R83,R84	2
62	Inductance L	Winding inductance /2.2UH/ shielded /± 30%	L23	1
63	Switch socket	1.25*8P vertical sticker	J7	1
64	solenoids	White light /GZW-2835W-0605	D29,D30	2
65	solenoids	1615 Red and blue lights	D24	1
66	Capacitance C	22UF/K/10V	C244,C245	2
67	Capacitance C	104/Z/16V	C46,C47,C125,C243	4
68	Inductance L	Magnetic beads /100M/600R	R307	1
69	Resistance R	2K	R68	1
70	Resistance R	1K	R89,R114,R284,R286	4
71	Resistance R	10K	R115,R124,R126,R283	4
72	Resistance R	0R	R285,R117	2
73	Resistance R	1M	R288,R289	2
74	solenoids	SI2302	Q18,Q19	2

75	PCB empty board	Q50/LED/V1.5/20241225/ dual /H1.0/OSP		1
76	Inductance L	Integrated inductance /1.0UH	LP3,LP4	2
77	solenoids	WPM3401	Q7	1
78	Switch socket	1.25*5P vertical sticker	P7,P9	2
79	Switch socket	1.25*2P vertical sticker	P2,P4	2
80	Inductance L	Winding inductance /2.2UH/1.8A	L21	1
81	Inductance L	Winding inductance /2.2UH/ shielded /± 30%	L16	1
82	Inductance L	Winding inductance /1.0UH/ shielded /± 30%	LP1,LP2,LP5	3
83	Switch socket	1.25*4P vertical sticker	J9	1
84	Switch socket	Dip switch /DSHP04TSGER/8PIN	J8	1
85	Inductance L	Magnetic beads /100M/30R	FB13,FB14	2
86	Inductance L	Magnetic bead /220R/100MHZ/2A	FB11	1
87	Inductance L	Magnetic beads /100M/120R	FB4,FB6,FB7	3
88	solenoids	LMBT3904TT1G	Q33,Q48	2
89	Integrated circuit	PMU/AXP2101(EN Mode)	UP1	1
90	Integrated circuit	5V boost /XC8208	U62	1
91	Integrated circuit	DC_DC/XC3425S	U10	1
92	Integrated circuit	TM18150B	U9	1
93	Integrated circuit	Audio amplifier /CS8138S (MIX2062)	U8	1

94	Integrated circuit	SD chip /HHW32GS62C-B1	U5	1
95	Integrated circuit	GC2083	U2	1
96	Integrated circuit	V851S3	UU1	1
97	Resistance R	1M/1%	R271	1
98	Resistance R	604k /1%	R264	1
99	Resistance R	510K	R246	1
100	Resistance R	10K/1%	R62,R247,R248,R581,R613	5
101	Resistance R	19K/1%	R34	1
102	Resistance R	110K /1%	R33	1
103	Resistance R	1.5 K / 1%	R13,R764	2
104	Resistance R	10R	R12	1
105	Inductance L	Magnetic beads /100M/220R	FB2,FB3	2
106	Capacitance C	100PF/J/50V	C24	1
107	Capacitance C	18PF/J/50V	C20,C38	2
108	Capacitance C	474/K/10V	C35	1
109	Capacitance C	102/K/25V	CP30,CP31,CP32	3
110	Capacitance C	22UF/K/10V	CP3,CP4,CP11,CP17,C P23,C31,C44,C230,C23 1,CS1,C103,C252,C253	17
111	Capacitance C	225/K/10V	CP2,CP8,CP9,CP12,CP 13,CP14,CP15,CP16,CP 18,CP19,CP20,CP21,CP	30
112	Crystal oscillator	24MHZ/10PPM/16PF	Y1	1

113	Capacitance C	105/Z/10V	C77,C124,C235,C326,C362,C797	6
114	solenoids	IN5819/2A	D26,D40	2
115	Capacitance C	104/Z/16V	C82,C100,C101,C344,C354,C355,C356,C363,C364,C365,C366,C369,C	38
116	Capacitance C	103/K/50V	CD3,C79	2
117	Capacitance C	10UF/Z/10V	CC3,CC5,C33,C41,C74,C99,C357,C368,C620,C78,C85,C27,C144,CP33	16
118	Capacitance C	475/Z/10V	C32	1
119	Capacitance C	15PF/J/50V	C66,C57	2
120	Capacitance C	33PF/J/50V	C25,C26	2
121	Capacitance C	102/K/50V	C29,C40,C89,C90	4
122	Capacitance C	270PF/K/50V	C73	1
123	Inductance L	Magnetic beads /100M/600R	R426,R427	2
124	Resistance R	0R	R22,R23,R27,R63,R766,R767,R620	7
125	Resistance R	2.2 K	R604,R624	2
126	Resistance R	0R	R70	1
127	Resistance R	4.7 K	RC6,RC7,RC10,RC11,R12,R741,R742,R743,R750	9
128	Resistance R	47K	R783	1
129	Resistance R	1K	R25,R106,R237,R238,R96	5
130	Resistance R	10K	RP1,RP5,R16,R17,R28,R101,R102,R239,R313,R314,R602,R752,R774	13
131	Resistance R	100K	R10,R26,R91,R99	4

132	Resistance R	100K/1%	R245,R257	2
133	Resistance R	33R	R20,R109,R763	3
134	Resistance R	100R	R21,R100	2
135	Resistance R	15K/1%	R31,R61	2
136	Resistance R	1K/1%	R11,R15	2
137	solenoids	MMBT3904	Q10,Q5	2
138	solenoids	SI2301	Q8,Q11,Q12	3
139	Export processed goods	SPI / 16 MB / 3.3 V/W25Q128JVSIQ/after burn-in	U4	1
140	Switch socket	1.25*8P vertical sticker	J7	1
141	PCB empty board	Q50/MAIN/ V5.2/20241211/4 /H1.2/OSP		1
142	Processing fee T	2.5		1
143	Switch socket	1.27/2*12P double row stitch high 20.0MM patch/braid packaging -.	J21	1
144	Resistance R	10R	RC3	1