

No.	Specifications	Item Description	Bit No.	The amount
1	ELINK_Q102CZ	Motherboard		1
2	MT8127A/B	Baseband chip	U201	1
3	MT6627N/A	GPS, WIFI, BT, FMFour chip	U702	1
4	MT6323LGA	Power management chip TFBGA158 P0.5	U301	1
5	KMSJS000XM-B308L	LPDDR2+eMMC (162 MCP) 512M+4GBCombo 1.2V	U1	1
10	CP2121ST-B2	BoostIC SOT23-6(OTG)	U2;U37	2
11	CP2123ST-B1	BacklitIC SOT23-6	U902	1
12	WD1012EA-5/TR	DC-DC SOT23-5	U903	1
13	AR8159	Low-noise amplifier	U15	1
15	SSM3K35MFV	N MOSFET	U302	1
18	GSL3676	Touch IC GSL3676 QFN56	U11	1
19	DP1608-V1524CAT/LF	GPS Splitters	F201	1
22	MC3433-I5	3GT IC	U1204	1
23	WPM2026	PMOS, WPM2026, SOT23_3	Q2;Q902	2
24	1N5819W	Schottky diodes VF0.2V SOD123	D3;D17;D901	3
27	BZT52C6V2	Zener diode6.2V SOD123	D13	1
28	WZD58L18-2/TR	Zener diode18V SOK123	D15	1
29	BAT54WS	Dual diode, BAT54S, SOT23_3	D14;D16	2
31	PZ3D4V2H	Zener diode 5.1V SOD323	D301	1
33	WNT2F04-3/TR	NPN_BECE, MMBT3904, SOT23_3	Q3;Q903	2
35	WPT2E33-3/TR	PNP Transistor, SOT-23-6L	U20	1
36	PESDWC9D5VB	TVS TVS 5V 2.1PF 923	D501;VR3;VR4	3
38	ESD9B5V-2/TR	TVS 5V 10PF	VR5;VR6;VR503;VR504;VR505; VR508	6
39	GRM1555C1H180JA01	Chip Capacitors COG 18pF ±5% 50V 0402	C1044	1
40	GRM1555C1H330JA01	Chip Capacitors COG 33pF ±5% 50V 0402	C1037	1

41	GRM1555C1H680JA01	Chip Capacitors COG 68pF $\pm 5\%$ 50V 0402	C707	1
42	GRM1555C1H101JA01	Chip Capacitors COG 100pF $\pm 5\%$ 50V 0402	C704;C503;C506;C516;C712	5
43	GRM1555C1H391JA01	Chip Capacitors COG 390pF $\pm 5\%$ 50V 0402	C519;C520	2
44	GRM155R71H102KA01	Chip Capacitors X7R 1nF $\pm 10\%$ 50V 0402	C231	1
46	GRM155R71H103KA88	Chip Capacitors X7R 10nF $\pm 10\%$ 50V 0402	C906	1
47	GRM155R71A473KA01D	Chip Capacitors X7R 47nF $\pm 10\%$ 10V 0402	C201;C320;C321	3
48	GRM155R71C104KA88	Chip Capacitors X7R 100nF $\pm 10\%$ 16V 0402	C19;C33;C34;C36;C38;C41;C54;C62;C527;C528;C529;C530;C531;C541;C42;C716;C113;C4;C12;C14;C55;C56;C139;C140;C205;C206;C303;C317;C318;C324;C328;C507;C508;C511;C703;C910;C1001;C1106;C1109;C1110;C1205;C1207;C45;C47;C48;C908;C706;C1108;C132	49
52	GRM155R60J105KE19	Chip Capacitors X5R 1uF $\pm 10\%$ 6.3V 0402	C1051;C82;C6;C7;C8;C105;C106;C310;C311;C312;C315;C316;C323;C329;C512;C513;C711;C715;C13;C21;C121;C122;C207	23
53	GRM155R61C105KA12	Chip Capacitors X5R 1uF $\pm 10\%$ 16V 0402	C35	1
54	GRM188R61E105KE	Chip Capacitors X5R 1uF $\pm 10\%$ 25V 0603	C30	1
55	GRM155R60J225ME15D	Chip Capacitors X5R 2.2uF $\pm 20\%$ 6.3V 0402	C1;C39;C540;C542;C40;C10;C325;C1107;C60;C538;C539	11
56	GRM188R60J225KE19D	Chip Capacitors X5R 2.2uF $\pm 10\%$ 6.3V 0603	C26;C302;C1206;C903;C904;C905;C909	7
57	GRM188R61C225KE34D	Chip Capacitors X5R 2.2uF $\pm 10\%$ 16V 0603	C18	1
58	GRM188R61E225KA12D	Chip Capacitors X5R 2.2uF $\pm 10\%$ 25V 0603	C32;C229;C236	3
59	GRM155R60J475M	Chip Capacitors X5R 4.7uF $\pm 20\%$ 6.3V 0402	C1105	1
60	GRM188R60J475KE19D	Chip Capacitors X5R 4.7uF $\pm 10\%$ 6.3V 0603	C58;C59;C76;C77;C28;C123;C306;C307;C308;C309;C326;C327;C330;C331;C705;C808;C43;C304;C5;C9	20
65	GRM188R60J106ME47D	Chip Capacitors X5R 10uF $\pm 20\%$ 6.3V 0603	C22;C23;C107;C108;C115;C116;C117;C118;C313;C314	10
66	GRM21BR60J226ME39L	Chip Capacitors X5R 22uF $\pm 20\%$ 6.3V 0805	C301;C404;C907	3

67	RC0402JR-070R	Chip Resistor0 OHM $\pm 5\%$ 1/16W 0402	FB701;FB702;FB703;R1043;R8 ;R9;R11;R54;R56;R61;R65;R6 6;R69;R89;R418;R1008;R15;R 25;R44;R46;R50;R68;R88;R4; R7;R18;R19;R27;R48;R77;R78 ;R80;R81;R82;R83;R84;R85;R 86;R87;R106;R140;R201;R202 ;R310;R325;R326;R327;R509; R510;R703;R712;R713;R1107; R1108;R1109;R1110;R1204;R1 205;R1206;R1207;R324;R701	62
68	RC0603JR-070RL	Chip Resistor0 OHM $\pm 5\%$ 1/10W 0603	R102;R103;R105;R501;R502	5
69	RL1206FR-7W0R2L	Chip Resistor0.2 OHM $\pm 1\%$ 1/4W 1206	R312	1
70	RC0603FR-071R5L	Chip Resistor1.5 OHM $\pm 1\%$ 1/10W 0603	R922	1
72	RC0402JR-0710R	Chip Resistor10 OHM $\pm 5\%$ 1/16W 0402	R104	1
74	RC0402JR-07100R	Chip Resistor100 OHM $\pm 5\%$ 1/16W 0402	R513;R515	2
75	RC0402FR-07240R	Chip Resistor240 OHM $\pm 1\%$ 1/16W 0402	R3;R10	2
76	RC0402FR-071K	Chip Resistor1K OHM $\pm 1\%$ 1/16W 0402	R70;R506;R514;R401	4
77	RC0402JR-071K	Chip Resistor1K OHM $\pm 5\%$ 1/16W 0402	R79;R328;R503;R504;R1302	5
78	RC0402JR-071K5	Chip Resistor1.5K OHM $\pm 5\%$ 1/16W 0402	R505	1
79	RC0402FR-071K5	Chip Resistor1.5K OHM $\pm 1\%$ 1/16W 0402	R507;R508;R901	3
82	RC0402FR-072K7	Chip Resistor2.7k OHM $\pm 1\%$ 1/16W 0402	R16;R223	2
83	RC0402JR-073K3	Chip Resistor3.3K OHM $\pm 5\%$ 1/16W 0402	R307	1
86	RC0402FR-074K7	Chip Resistor4.7K OHM $\pm 1\%$ 1/16W 0402	R53	1
87	RC0402FR-075K1	Chip Resistor5.1K OHM $\pm 1\%$ 1/16W 0402	R237	1
89	RC0402FR-078K2L	Chip Resistor8.2K OHM 1% 1/16W 0402	R229;R230	2
90	RC0402JR-0710K	Chip Resistor10K OHM $\pm 5\%$ 1/16W 0402	R511;R512	2
91	RC0402FR-0712K	Chip Resistor12K OHM $\pm 1\%$ 1/16W 0402	R710	1
92	RC0402FR-0714K3L	Chip Resistor14K3 OHM $\pm 1\%$ 1/16W 0402	R51	1
93	RC0402FR-0716K9	Chip Resistor16K9 OHM $\pm 1\%$ 1/16W 0402	R402	1
94	RC0402JR-0720K	Chip Resistor20K OHM $\pm 5\%$ 1/16W 0402	R301;R304	2
95	RC0402JR-0739K	Chip Resistor39K OHM $\pm 5\%$ 1/16W 0402	R47	1
96	RC0402JR-0747K	Chip Resistor47K OHM $\pm 5\%$ 1/16W 0402	R45;R59;R913;R517	4

97	RC0402FR-0747K	Chip Resistor47K OHM $\pm 1\%$ 1/16W 0402	R919	1
98	RC0402JR-07100K	Chip Resistor100K OHM $\pm 5\%$ 1/16W 0402	R31;R122;R805;R921;R915	5
99	RC0402FR-07100K	Chip Resistor100K OHM $\pm 1\%$ 1/16W 0402	R17	1
101	RC0402JR-07330K	Chip Resistor330K OHM $\pm 5\%$ 1/16W 0402	R330	1
102	RC0402JR-07470K	Chip Resistor470K OHM $\pm 5\%$ 1/16W 0402	R516	1
103	RC0402JR-07510K	Chip Resistor510K OHM $\pm 5\%$ 1/16W 0402	R135;R914	2
104	RC0402FR-071M	Chip Resistor1M OHM $\pm 1\%$ 1/16W 0402	R236	1
106	SDV1005H180C100NPTF	Varistor MLV-18V-10PF-0402	VR16;VR19;VR20;VR401;VR402 ;VR1;VR2;VR11;VR12;VR17;VR 18;VR501;VR502;VR801;VR802 ;VR803;VR804;VR805;VR806;V R807	20
108	SDCL1005C12NJTDF	Chip inductors 12nH $\pm 5\%$ 300mA 0402	L1008	1
112	SPH252012HR68MT	Power Inductors 680NH 2.5X2.0X1.5MM	L301;L302	2
113	MPL2520S4R7MHT	Power Inductors 4.7uH 2520	L902;L10	2
114	SWPA4018L100MT	Power Inductors 10uH L4X4	L901	1
118	BLM15AG601SN1	Beads 600ohm@100M, 300mA, 1.4ohm, 0402	L704	1
119	SZ1005K102CTF	Beads 1000ohm@100M, 200mA, 1.4ohm, 0402	B501;B502;B503	3
121	SZ1005K182CTF	Beads 1800ohm@100M, 100mA, 1.4ohm, 0402	R1019	1
123	SZ1608K252CTF	Beads 2.5K $\pm 25\%$ @100MHz 250mA 0603	B504	1
125	DSB221SDA	TCXO SMD IT2205BE 2.5 X 2.0 MM(Four modules)	X302	1
130	9H03200009	32.768KCrystals	X301	1
134	ADJ-3592-WX2	Headphone jack	J2	1
135	MCD-HXQK5F-LJ04B	USB Block	CN2	1
137	J-TF-521	TF deck	CON2	1
138	HXQKTS-08A(3*6*3.5)	Touch of a button	KEY1;KEY2	2
139	HXQKTS-088 2*4*3.3	Side buttons 2*4, 180G	J28	1
140	FPCXG0524_H15	0.5MM, 24P Under the front flip,pick height1.5MM	J9	1
142	FPCXG0530_H15	0.5MM, 30P Under the front flip,pick height1.5MM	J11	1
143	FPCXG0550-H15G	0.5MM, 50PUnder the front flip,pick height1.5MM	J23	1

145	MX6-KS270013	Shield clamp 6.5 × 0.8 × 1.28	J1303;J1306;J1308;J1309;J1314;J1315	6
148	MQ102-BB	Shield clamp: 57.92*37.6*1.7		1
True Lightning Road				
1	CP2155DN10-A1	Flash drive	U1101	1
2	GRM155R71C104KA88	Chip Capacitors X7R 100nF ±10% 16V 0402	C1102	1
3	GRM188R60J475KE19D	Chip Capacitors X5R 4.7uF ±10% 6.3V 0603	C1101;C1103	2
5	RC0402JR-07100K	Chip Resistor100K OHM ±5% 1/16W 0402	R1104;R1120	2
Fake flash circuit				
1	DTC114YE	Transistor	Q1101	1
2	RC0402JR-070R	Chip Resistor0 OHM ±5% 1/16W 0402	R1115	1
3	RC0805FR-0720R	Chip Resistor20 OHM ±1% 1/8W 0805	R1103	1
Hall				
1	TLE4719	Hall switchIC	U1203	1
2	GRM155R71C104KA88	Chip Capacitors X7R 100nF ±10% 16V 0402	C1204	1
3	RC0402JR-07100K	Chip Resistor100K OHM ±5% 1/16W 0402	R62	1
Geomagnetic sensor				
1	MMC35160PJ	Geomagnetic sensor	U1201	1
2	GRM155R71C104KA88	Chip Capacitors X7R 100nF ±10% 16V 0402	C1201;C1202	2
3	RC0402JR-070R	Chip Resistor0 OHM ±5% 1/16W 0402	R1201;R1203	2
HDMI				
1	YHDMI-7519-C3.5	HDMI seat	CON3	1
2	CP2121ST-B2	IC SOT23-6 (OTG)	U21	1
3	WPM2026	PMOS , WPM2026, SOT23_3	Q6	1
4	WNT2F04-3/TR	NPN_BEC, MMBT3904, SOT23_3	Q5	1
5	MMBT3904	NPN_BEC, MMBT3904, SOT23_3		
6	1N5819W	Schottky diodes VF0.2V SOD123	D6	1
9	ESD9B5V-2/TR	TVS 5V 10PF	VR10;VR7;VR8;VR9	4
10	GRM155R71C104KA88	Chip Capacitors X7R 100nF ±10% 16V 0402	C17	1
11	GRM188R60J225KE19D	Chip Capacitors X5R 2.2uF ±10% 6.3V 0603	C24;C15	2

12	GRM188R61C225KE34D	Chip Capacitors X5R 2.2uF ±10% 16V 0603	C25	1
13	RC0402JR-070R	Chip Resistor0 OHM ±5% 1/16W 0402	R33;R34;R35;R36;R37;R38;R39;R40;R41	9
17	RC0402JR-0747K	Chip Resistor47K OHM ±5% 1/16W 0402	R12	1
18	RC0402JR-07100K	Chip Resistor100K OHM ±5% 1/16W 0402	R14	1
19	RC0402FR-07121K	Chip Resistor121K OHM ±1% 1/16W 0402	R22	1
21	ELLVFG100MC	Power Inductors 10uH 3225	L8	1