

S654_DK031P_BOM

serial number	XR coding	name of the material	Specifications describe	number	location
1	6916-R006-WV0	Antenna shrapnel	Antenna shrapnel;working height=0.95mm;2.8*1.55*1.4mm	2	J3105, J3106
2	69GA-3089-WV0	Antenna shrapnel	Antenna shrapnel;working height=1.9mm;2.5*1.0*2.5mm	6	ANT801, ANT803, ANT805, ANT7207, ANT7209, ANT7211
3	6B5G-0016-BV0	The headset seat	EARphoneCON;5pin;14*8.15*3.95mm	1	J3104
4	67Q4-0055-WT0	ZIF connectors	ZIF CON;25PIN;9.0*3.6*1.0mm;P=0.6mm	2	J5103, J5109
5	6765-0025-WT0	ZIF connectors	ZIF CON;4PIN;4*3.3*1mm;P=0.5mm	1	J6301
6	66Z3-F050-YI0	BTB connectors	CON BTB F;50PIN;11.4*1.9*0.7mm	1	J4102
7	66A4-2330-WR0	BTB connectors	CON BTB;F 30Pin;8.52*2.59mm	1	J5101
8	66A4-2310-YI0	BTB connectors	CON;10PIN;H=0.8mm;4.52*2.59mm	1	J5205
9	6663-35GF-WR0	BTB connectors	BTB F;6PIN;4.65*2.26*0.7mm	1	J6107
10	6264-SS44-W50	SIM gets stuck	SIM SOCKET;8.0*8.13*0.93mm	2	J6401, J6403
11	6466-ST34-W50	Three-in-one booth	3 in1 card Shield;34.5*16.8*1.45mm	1	J6409
12	6464-ST37-W50	T booth	SOCKET T CARD;9.6*7.65*0.82mm	1	J6407
13	6945-0009-900	Radio frequency connector	RFCON;4PIN;50ohm;1.7x1.7x1.2mm	1	J707
14	6944-8183-900	Radio frequency connector	CON-RF-Micro SWITCH COAXIAL CONNECTOR With switch iii - 2.0*2	1	J801
15	11Z5-S312-400	Baseband processor	UMS312;683;FCCSP;11.7X12.1;040;BB;LTE	1	U2100
16	13Z4-510G-401	Power management chip	UMP510G;247;FCVFBGA;7.7x7.7;040;PMU	1	U200
17	11X3-2652-400	WiFi/ Bluetooth /GPS/FM four-in-one chip	UMW2652;152;WBBGA;5.3x6.5;040;RF	1	U7200

18	11Z6-595D-400	Rf transceiver	SR3595D;123;FCVFBGA;4.5*4.5;035;RF;4G	1	U600
19	14T4-5643-4E1	The power amplifier	MMMB PA;W/TD/TDD/FDD;4*6.8*0.8mm;	1	U601
20	14T4-2916-4E1	The power amplifier	GSM/GPRS/EDGE/TD/TDD-B39+14switch;5.5*5.3*0.8mm	1	U702
21	12Z5-E32G-1E60	memory	EMMC5.1;32GB;HS400;FBGA153;11.5*13*1.0mm	1	U501
22	12Z4-F053-6B0	memory	LPDDR4X SDRAM;16Gb;200-ball;10mm*14.5mm*0.95mm	1	U502
23	1898-7237-C030	Class D audio amplifier	Audio-AMP;D class;WLCSP;1.57mmX1.61mm	1	U3110
24	1383-2131-C030	Power supply boost chip	DC2DC;+/-5V output;WLCSP-15;1.9mm X 1.1mm X 0.56	1	U4101
25	1364-3756-490	Power conversion chip	DC2DC;40V;6Pin;TDFN2*2-6L, 2*2*0.8mm	1	U4121
26	1362-3789-490	Power conversion chip	FLASH DC2DC;1240mA;UTDFN-1.5*2-6L	1	U5108
27	1355-2820-8D0	Linear voltage regulator	LDO;2.8V;300mA;DFN-1*1-4	1	U5150
28	2224-3562-X50	Light sensor	ALS & PS with IR LED;4x1.5x1mm	1	U5230
29	1665-7A20-1V0	Acceleration sensor	Motion Sensor;1.71-3.6V;LGA-12;2x2x1mm	1	U5213
30	13K3-6937-5D0	Charging IC	Charger;switch charger;3A;WLCSP-20	1	U6103
31	1462-D86A-K00	RF switching chip	RF-SWITCH;0.1-3GHZ;SP10T;2.4*2.4*0.45mm	1	U805
32	1462-8544-K02	Antenna switch chip	Antenna Switch;GSM/WCDMA/LTE;1.1*1.5*0.45mm	1	U821
33	1492-1255-XK1	diplexer	Dpx;band1;1.6x1.2mm	1	U706
34	1492-9603-110	diplexer	Dpx;band2;1.55x1.15mm	1	U705
35	1485-1G74-010	diplexer	Dpx;band3;1.6x1.2mm	1	U707
36	1492-V836-010	diplexer	Dpx;band5;1.6x1.2mm	1	U708
37	1485-G655-110	diplexer	Dpx;band7;1.6x1.2mm	1	U710
38	1492-9425-110	diplexer	Dpx;band8;1.6x1.2mm	1	U711
39	1482-H602-H70	diplexer	Dpx;band20;1.6x1.2mm	1	U714

40	1453-B40T-KL0	filter	SAW;B40 TX;2350MHz;2.2dB;1.1x0.9x0.65mm	1	U703
41	14A3-LPF3-4C1	filter	LPF;673-2690MHz;0.5dB;1.6*0.8*0.65mm	2	U718, U802
42	1A84-2012-6R0	divider	Triplexer;1.5G/2.4G/5G;2.0*1.25*0.95mm	1	U7201
43	1462-5145-H90	Low noise amplifier	Low Noise Amplifier MMIC for GPS;1.5~3.3V;1.1*0.7*0.4mm	1	U7205
44	1452-S029-KL0	filter	GPS SAW;1561.1/1575.42/1602MHz;1.1*0.9*0.5mm 5PIN	1	U7208
45	1452-TFWF-YP0	filter	SAW;WLAN/BT TRX;2442MHz;1.8dB;1.1x0.9x0.6mm	1	U7206
46	1452-S028-KL0	filter	SAW;2140MHz;B1 RX;single-end;1.1x0.9mm	1	U811
47	1452-S032-KL0	filter	SAW;1842.5MHz;B3 RX;single-end;1.1x0.9mm	1	U813
48	1452-S033-KL0	filter	SAW;2655MHz;B7 RX;single-end;1.1x0.9mm	1	U808
49	1453-FB08-KL0	filter	SAW;942.5MHz;B8 RX;single-end;1.1x0.9mm	1	U803
50	1453-FB20-KL0	filter	SAW;806MHz;B20 RX;1.1x0.9x0.65mm	1	U817
51	1453-FB05-KL0	filter	SAW;881.5MHz;B5 RX;single-end;1.1x0.9mm	1	U812
52	1544-26M1-1G0	crystal	Crystal Resonator;26Mhz;+/-10ppm;9pF;2.5*2*1mm	1	X200
53	4544-R502-1L0	capacitance	CAP CER COG;0.5PF;+/-0.1PF;25V;01005	4	R699, L746, L792, L637
54	4544-1R02-1L0	capacitance	CAP CER COG;1.0PF;+/-0.1PF;25V;01005	7	L705, L889, R677, L638, L636, L732, L843
55	4544-1R52-1L0	capacitance	CAP CER COG;1.5PF;+/-0.1PF;25V;01005	2	C7203, R649
56	4541-2R42-1L0	capacitance	CAP CER COG;2.4PF;+/-0.1PF;25V;01005	1	R653
57	4544-3R32-1L0	capacitance	CAP CER COG;3.3PF;+/-0.25%-01005	2	R651, R671
58	4541-3R62-1L0	capacitance	CAP CER COG;3.6PF;+/-0.1PF;25V;01005	1	R652
59	4541-3R92-1L0	capacitance	CAP CER COG;3.9PF;+/-0.1PF;25V;01005	1	R691
60	4541-5R62-1L0	capacitance	CAP CER COG;5.6PF;+/-0.1PF;25V;01005	1	C706
61	4541-1007-1L0	capacitance	CAP CER COG;10PF;+/-10%;25V;01005	1	C767
62	4544-2207-1L0	capacitance	CAP CER COG;22PF;+/-10%;25V;01005	15	C609, C610, C611, C613, C614, C630, C662, C752, C812, C884, C886, C7224, C836, C846, C732
63	4544-3307-1L0	capacitance	CAP CER COG;33PF;+/-10%;25V;01005	1	C818

64	4544-4707-1L0	capacitance	CAP CER COG;47PF;+/-10%;25V;01005	15	C627, C702, C704, C742, C814, C817, C845, C883, L769, L794, L882, R7209, C806, C722, C815
65	4F41-1018-1L0	capacitance	CAP CER X7R;100PF;+/-20%;25V;01005	3	C612, C625, C639
66	4E41-1028-1L0	capacitance	CAP CER X7R;1NF;+/-20%;16V;01005	2	C651, C686
67	4601-3R33-020	capacitance	CAP CER COG;3.3PF;+/-0.25PF;50V;0201	1	C7209
68	4601-1004-020	capacitance	CAP CER COG;10PF;+/-5%;50V;0201	11	C600, C602, C607, C615, C617, C619, C620, C712, C852, C2100, C2101
69	4601-2204-020	capacitance	CAP CER COG;22PF;+/-5%;50V;0201	4	C3131, C3135, C3137, C3179
70	4501-3304-020	capacitance	CAP CER COG;33PF;+/-5%;25V;0201	5	C3119, C3120, C3127, C3128, R201
71	4501-4704-020	capacitance	CAP CER COG;47PF;+/-5%;25V;0201	4	C714, C3118, C3129, C3198
72	4501-1014-020	capacitance	CAP CER COG;100PF;+/-5%;25V;0201	2	C218, C621
73	4603-1016-190	capacitance	CAP CER COG;100PF;+/-5%;50V;0201	1	C4101
74	4G01-2217-020	capacitance	CAP CER X7R;220PF;+/-10%;50V;0201	1	C3170
75	4F01-4717-020	capacitance	CAP CER X7R;470PF;+/-10%;25V;0201	2	C713, C6102
76	4F01-1027-020	capacitance	CAP CER X7R;1nF;+/-10%;25V;0201	5	C601, C3167, C3169, C7237, C3173
77	4A01-1047-1E0	capacitance	CAP CER X5R;10NF;+/-10%;25V;0201	5	C6122, C724, C3163, C3165, C2283
78	4703-1048-1E0	capacitance	CAP CER X5R;100NF;+/-10%;6.3V;0201	77	C500, C501, C502, C503, C504, C508, C509, C511, C513, C517, C518, C524, C603, C816, C2200, C2201, C2202, C2203, C2204, C2205, C2206, C2207, C2208, C2209, C2215, C2218, C2220, C2223, C2224, C2225, C2227, C2228, C2229, C2231, C2234, C2239, C2240, C2243, C2244, C2245, C2247, C2254, C2257, C2260, C2264, C2266, C2272, C2274, C2278, C2279, C3109, C3117, C3162, C4114, C5100, C5103, C5108, C5109, C5112, C5134, C5136, C5196, C5212, C5261, C5291, C6104, C6300, C851, C2281, C2282, C2284, C2285, C2286, C2291, C2293, C356, C358

79	4701-4748-190	capacitance	CAP CER X5R;470nF;+/-20%;6.3V;0201	1	C214
80	4704-1058-180	capacitance	CAP CER X5R;1uF;+/-20%;6.3V;0201	52	C203, C205, C212, C217, C309, C328, C337, C342, C344, C346, C362, C506, C510, C512, C522, C526, C527, C605, C616, C624, C687, C2212, C2213, C2216, C2230, C2232, C2242, C2248, C2249, C2250, C2256, C2259, C2268, C2276, C3116, C3122, C5111, C5114, C5129, C5149, C5156, C5211, C6401, C6403, C7208, C7211, C7214, C7220, C7228, C7239, C7241, C2292
81	4A13-1057-010	capacitance	CAP CER X5R;1uF;+/-10%;25V;0402	2	C335, C6124
82	4813-2258-191	capacitance	CAP CER X5R;2.2uF;+/-20%;10V;0402	3	C3166, C3168, C4116
83	4713-2258-180	capacitance	CAP CER X5R;2.2uF;+/-20%;6.3V;0402	21	C1, C5101, C5104, C5116, C5132, C308, C316, C334, C341, C507, C515, C528, C529, C604, C622, C623, C206, C208, C211, C213, C5231
84	4814-4759-190	capacitance	CAP CER X5R;4.7uF;+/-20%;10V;0402	3	C3164, C4113, C6127
85	4C14-4757-010	capacitance	CAP CER X7R;4.7uF;+/-10%;6.3V;0402	19	C133, C209, C325, C514, C516, C618, C692, C2210, C2214, C2238, C2252, C2262, C2270, C3102, C3161, C4104, C4118, C6506, C7200
86	4814-1068-190	capacitance	CAP CER X5R;10uF;+/-20%;10V;0402	2	C4102, C4112
87	4714-1068-190	capacitance	CAP CER X5R;10uF;+/-20%;6.3V;0402	15	C200, C210, C302, C304, C312, C315, C319, C320, C326, C332, C505, C723, C2219, C2261, C7277
88	4G24-1057-180	capacitance	CAP CER X7R;1uF;+/-10%;50V;0603	2	C4106, C6125
89	4724-1068-191	capacitance	CAP CER X5R;10uF;+/-20%;6.3V;0603	5	C300, C301, C321, C324, C327
90	4722-226M-19G	capacitance	CAP CER X5R;22uF;+/-20%;6.3V;0603	19	C303, C306, C318, C331, C338, C519, C523, C530, C2211, C2217, C2221, C2241, C2251, C2265, C2269, C2273, C2277, C6105, C6132
91	5141-1N03-260	inductance	IND CER;1.0NH;+/-0.2nH;01005	4	L7202, R712, C693, L671
92	5141-1N53-260	inductance	IND CER;1.5NH;+/-0.2nH;01005	3	L768, L780, C648
93	5141-1N83-260	inductance	IND CER;1.8NH;+/-0.2nH;01005	3	L778, C775, C647
94	5141-2N03-260	inductance	IND CER;2.0NH;+/-0.2nH;01005	12	C697, C731, C811, C841, C848, C885, L766, L779, L784, L7204, C696, C629
95	5141-2N23-260	inductance	IND CER;2.2NH;+/-0.2nH;01005	1	L722
96	5141-2N43-260	inductance	IND CER;2.4NH;+/-0.2nH;01005	2	L756, C703
97	5141-2N73-260	inductance	IND CER;2.7NH;+/-0.2nH;01005	3	L713, C700, L734
98	5141-3N03-260	inductance	IND CER;3.0NH;+/-0.2nH;01005	1	C695
99	5141-3N33-260	inductance	IND CER;3.3NH;+/-0.2nH;01005	4	L796, L7229, L731, C649

100	5141-3N63-260	inductance	IND CER;3.6NH;+/-0.2nH;01005	2	C715, L706
101	5141-3N93-260	inductance	IND CER;3.9NH;+/-0.2nH;01005	2	L7210, L727
102	5141-4N37-260	inductance	IND CER;4.3NH;+/-3%;01005	2	L844, L7200
103	5141-4N77-260	inductance	IND CER;4.7NH;+/-3%;01005	4	C708, L881, L7201, L726
104	5141-5N67-260	inductance	IND CER;5.6NH;+/-3%;01005	3	C768, C669, C888
105	5141-6N27-260	inductance	IND CER;6.2NH;+/-3%;01005	2	C698, C694
106	5141-6N87-260	inductance	IND CER;6.8NH;+/-3%;01005	3	L707, L790, L762
107	5141-7N57-260	inductance	IND CER;7.5NH;+/-3%;01005	3	L743, L702, L773
108	5141-9N17-260	inductance	IND CER;9.1NH;+/-3%;01005	3	L703, L809, L800
109	5141-10N8-260	inductance	IND CER;10NH;+/-5%;01005	1	C691
110	5141-12N8-260	inductance	IND CER;12NH;+/-5%;01005	1	C719
111	5141-15N8-260	inductance	IND CER;15NH;+/-5%;01005	8	C710, C741, C825, C889, L708, L783, L820, C891
112	5141-18N8-260	inductance	IND CER;18NH;+/-5%;01005	6	L785, L812, L813, L816, R713, L814
113	5141-22N8-260	inductance	IND CER;22NH;+/-5%;01005	1	L789
114	5141-27N8-260	inductance	IND CER;27NH;+/-5%;01005	1	L7257
115	5102-4N74-260	inductance	IND CER;4.7NH;+/-0.3nH;0201	1	R805
116	5102-7N54-260	inductance	IND CER;7.5NH;+/-5%;0201	1	R811
117	5102-10N4-260	inductance	IND CER;10NH;+/-5%;0201	2	R812, L7207
118	5102-R108-260	inductance	IND CER;100nH;+/-5%;0201	1	C220
119	52H4-R33A-790	power inductance	IND POWER;0.33uH;+/-20%;2016;6.1A, 4.5A	5	L300, L301, L305, L307, L309
120	52H4-1R0A-791	power inductance	IND POWER;1.0uH;+/-20%;2016;2.5A;2.5A	5	L302, L303, L304, L306, L308
121	5234-2R2A-262	power inductance	IND POWER;2.2uH;20%;2520, 1.0mm;2.8A;3.1A	1	L6122
122	5236-1009-260	power inductance	IND POWER;4.7uH;20%;2.5x2.0x1.0;1.3A;1.1A	1	L4105
123	5234-100A-261	power inductance	IND POWER;10uH;+/-20%;2.5x2.0x1mm;1.1A;0.8A	1	L4101

124	3241-R002-1D0	resistance	RES FILM;0;+/-5%;1/32W;01005	2	R7288, R7290
125	3241-2201-1D0	resistance	RES FILM;22;+/-1%;1/32W;01005	1	R619
126	3241-2411-1D0	resistance	RES FILM;240;+/-5%;1/32W;01005	2	R621, R620
127	3241-1022-1D0	resistance	RES FILM;1K;+/-5%;1/32W;01005	1	R7228
128	3241-2731-1D0	resistance	RES FILM;27K;+/-1%;1/32W;01005	1	R611
129	3241-4731-1D0	resistance	RES FILM;47K;+/-1%;1/32W;01005	4	R638, R643, R647, R658
130	3241-5631-1D0	resistance	RES FILM;56K;+/-1%;1/32W;01005	1	R608
131	3241-1041-1D0	resistance	RES FILM;100K;+/-1%;1/32W;01005	1	R609
132	3201-0003-020	resistance	RES FILM;0;1A;0201	34	R3, R212, R228, R233, R240, R241, R306, R505, R807, R2100, R2107, R2121, R2300, R3113, R3125, R4112, R4123, R4127, R5100, R5101, R5102, R5113, R5131, R5143, R5201, R5208, R6141, C7242, R7298, R710, R720, R718, R815, R813
133	3201-5R12-020	resistance	RES FILM;5.1;+/-5%;1/20W;0201	2	R6, R3104
134	3201-1002-020	resistance	RES FILM;10;+/-5%;1/20W;0201	32	R4101, R4107, R4109, R4113, R4117, R4119, R4129, R4139, R4157, R4172, R4193, R4195, R5142, R5145, R5146, R5147, R5149, R5150, R5151, R5152, R5153, R5154, R5155, R5156, R5178, R5180, R5188, R5190, R5233, R6307, R6308, R6309

135	3201-2202-020	resistance	RES FILM;22;+/-5%;1/20W;0201	1	R5231
136	3201-4901-020	resistance	RES FILM;49.9;+/-1%;1/20W;0201	4	R4181, R4183, R4185, R4187
137	3201-5102-020	resistance	RES FILM;51;+/-5%;1/20W;0201	2	R2132, R2133
138	3201-1012-020	resistance	RES FILM;100;+/-5%;1/20W;0201	2	R307, R519
139	3201-5112-020	resistance	RES FILM;510;+/-5%;1/20W;0201	6	R2, R4, R4102, R4111, R6105, R6166
140	3201-2411-020	resistance	RES FILM;240;+/-1%;1/20W;0201	3	R500, R503, R2301
141	3201-1022-020	resistance	RES FILM;1K;+/-5%;1/20W;0201	16	R200, R3131, R3132, R3138, R3139, R3161, R3163, R3167, R6230, R6231, R6300, R6302, R6303, R6431, R6432, R6505
142	3201-1221-1D0	resistance	RES FILM;1.2K;+/-1%;1/20W;0201	1	R3108
143	3201-1522-020	resistance	RES FILM;1.5K;+/-5%;1/20W;0201	3	R1, R5, R701
144	3201-3021-1D0	resistance	RES FILM;3K;+/-1%;1/20W;0201	2	R3109, R3110
145	3201-1032-020	resistance	RES FILM;10K;+/-5%;1/20W;0201	3	R204, R223, R3178
146	3201-3331-020	resistance	RES FILM;33K;+/-1%;1/20W;0201	1	R6401
147	3201-4731-1D0	resistance	RES FILM;47K;+/-1%;1/20W;0201	3	R6104, R6131, R6165
148	3201-5631-1D0	resistance	RES FILM;56K;+/-1%;1/20W;0201	1	R6114
149	3201-1042-020	resistance	RES FILM;100K;+/-5%;1/20W;0201	1	R3105
150	3201-1041-020	resistance	RES FILM;100K;+/-1%;1/20W;0201	2	R214, R6116
151	3212-0003-1D0	resistance	RES FILM;0;1A;0402	6	FB7202, R209, R501, R3111, R3112, R4173
152	3213-1012-020	resistance	RES FILM;100;+/-5%;1/16W;0402	1	R304
153	3223-0002-1D0	resistance	RES FILM;0;+/-5%;1/10W;0603	1	R5211
154	3233-R011-021	resistance	Metal Strip RES:0.01ohm;+/-1%;1/2W;0805	1	R6102
155	3313-4731-260	resistance	RES Film;NTC;47K;+/-1%;1mW;0402	2	R603, R6103

156	2333-TV33-2D0	TVS diode	TVS;4.5V;uni-d;4200pF;3500W;250A;DFN2x2-3L	1	TVS6108
157	2322-5V05-KGD	TVS diode	Bi-dir TVS;5V;0.5pF;4.5A;80W;DFN1006-2L	2	TVS3102, TVS3161
158	2323-TV05-3H0	TVS diode	TVS;5V;uni-d;160PF;300W;22A;DFN1006-2L	2	TVS601, TVS701
159	2333-TV34-KGC	Unidirectional surge pipe	TVS;5V;uni-d;3000pF;6000W;300A;DFN2x2-3L	1	TVS6107
160	2623-A6D7-260	Magnetic beads	BEAD;120ohm,1300mA;0.07ohm;0402	2	B3105, FB4101
161	2623-A50I-260	Magnetic beads	BEAD;1.8kohm,50mA;1.8ohm;0402	3	B3104, B3106, B3108
162	2624-G8M0-261	Magnetic beads	BEAD;220ohm,2200mA;0.05ohm;0603	2	FB3101, FB3103
163	2834-5819-KE0	Schottky diode	Schottky Diode;40V;1A;250mW;SOD-323	1	D4101
164	2223-LW02-XL0	The flash	Flash LED;white;2.04*1.64*0.75mm;500mA/1000mA	1	D5101
165	2242-RGB6-XL0	Three color lamp	RGB LED;30mA;1.6*1.5*0.55	1	LED6301
166	8130-S654	Printed circuit board	8130S654	1	
167	6A12-S654-BW1	shield	26.475*16.25*1.35MM, Zinc tin nickel alloy stamping + internal painting	1	SH1
168	6A52-S654-BW1	shield	20.175*27.1*1.35MM, Zinc tin nickel alloy stamping	1	SH5
169	6A72-S654-BW0	shield	3.7*3.15*1.4MM, Zinc tin nickel alloy stamping	1	SH7
170	6A92-S654-BW0	shield	15.4*8.7*1.45MM, Zinc tin nickel alloy stamping	1	SH9
171	6AB2-S654-BW1	shield	25.85*25.6*1.45MM, Zinc tin nickel alloy stamping	1	SH11
172	6AC2-S654-BW0	shield	26.7*16.4*1.45MM, Zinc tin nickel alloy stamping	1	SH13