

NAME	F2S88A7	project name	Plate type	BOM type	F2S88A7_01 (MT6781VCD, Y5P, STM)	
			F2_01_STM	PCBA type		
NO.	material code	name of material	material description	mark	QTY	Manufacturers specifications
1	3F2XXXX001	PCB	PCB, 10 layer, HDI 2, Size: L69.6*W46.3*H1.0±0.1mm, Black ink, 4 linking		1	F2_01_STM
2	701010305	CAP, 1.0uF	CAP, 1.0uF, ±10%, 6.3V, X5R, 0402, H=0.50mm±0.05	C334, C336	2	CL05A105KQ5NNNC
3	701010454	CAP, 1.0uF	CAP, 1.0uF, ±10%, 50V, X5R, 0603, H=0.80mm±0.10	C703, C704, C731, C732	4	CL10A105KB8NNNC
4	701010468	CAP, 33pF	CAP, 33pF, ±5%, 50V, COG, 0201, H=0.30mm±0.03	C733, C734, C735	3	C0201C0G330J500NTA
5	701010480	CAP, 3.3pF	CAP, 3.3pF, ±0.25pF, 50V, COG, 0201, H=0.30mm±0.03	C1721, C1701, C1703	3	C0201C0G33R3C500NTA
6	701010482	CAP, 10pF	CAP, 10pF, ±5%, 50V, COG, 0201, H=0.30mm±0.03	C1604, C1801, C1710, L1701	4	C0201C0G100J500NTA
7	701010483	CAP, 22pF	CAP, 22pF, ±5%, 50V, COG, 0201, H=0.30mm±0.03	C1395	1	C0201C0G220J500NTA
8	701010484	CAP, 56pF	CAP, 56pF, ±5%, 50V, COG, 0201, H=0.30mm±0.03	C1760, C1761, C1828, C1829, C812, C817	6	C0201C0G560J500NTA
9	701010486	CAP, 1.0nF	CAP, 1.0nF, ±10%, 25V, X7R, 0201, H=0.30mm±0.03	C1734, C1802, R1393, C1353, C1354, C700, C701	7	C0201X7R102K250NTA
10	701010489	CAP, 100nF	CAP, 100nF, ±10%, 6.3V, X5R, 0201, H=0.30mm±0.03	C104, C305, C312, C313, C315, C316, C319, C320, C323, C324, C326, C327, C328, C329, C330, C331, C332, C333, C335, C338, C339, C341, C342, C344, C345, C349, C559, C566, C601, C605, C711, C1333, C900, C901, C903, C904, C1513, C1514, C1515, C1516, C1517, C1518, C1519, C1520, C1521, C1522, C1523, C1524, C1525, C1653, C1662, C1731, C1018, C1138, C1142, C1106, C1109, C1112, C1148, C1115, C1118, C1124, C1301, C1304, C1322, C800, C803, C806, C1390, C1391, C1000, C1002, C1005, C1402	74	C0201X5R104K6R3NTA
11	701010593	CAP, 8.2pF	CAP, 8.2pF, ±0.25pF, 25V, COG, 0201, H=0.30mm±0.03	C1605, L1840, L1721	3	C0201C0G8R2C250NTA
12	701010618	CAP, 4.7uF	CAP, 4.7uF, ±20%, 6.3V, X5R, 0402, H=0.50mm±0.15	C527, C533, C551, C553, C554, C557, C558, C571, C579, C581, C608, C609, C1015, C1999, C902, C906, C919, C920, C927, C928, C936, C938, C940, C1530, C1739, C740, C750, C1143, C1145, C1108, C1111, C1207, C1116, C1121, C1123, C1300, C1302, C1324, C801, C804, C805, C1404	42	CL05A475MQ5NRRN*
13	701010621	CAP, 10uF	CAP, 10uF, ±20%, 6.3V, X5R, 0603, H=0.80mm±0.10	C584, C1105, C1147, C1198, C1199	5	CL10A106MQ8NNN*
14	701010653	CAP, 22uF	CAP, 22uF, ±20%, 6.3V, X5R, 0603, H=0.80mm±0.20	C715, C730, C1303, C1305	4	CL10A226MQ8NRRN*
15	701010660	CAP, 1.0uF	CAP, 1.0uF, ±20%, 6.3V, X5R, 0201, H=0.30mm±0.05	C100, C101, C102, C103, C110, C303, C304, C306, C307, C308, C309, C310, C311, C314, C317, C318, C340, C348, C361, C362, C363, C500, C501, C503, C504, C538, C539, C540, C541, C542, C543, C550, C565, C580, C600, C602, C603, C604, C615, C616, C617, C1051, C1056, C1215, C1216, C907, C909, C911, C912, C913, C914, C915, C916, C917, C918, C921, C922, C923, C924, C925, C926, C929, C930, C933, C937, C1716, C1724, C736, C737, C738, C739, C1016, C1017, C1019, C1208, C1213, C1209, C1210, C1200, C1205, C1206, C1224, C1225, C1220, C1223, C1221, C1222, C1203, C1204, C822, C1307, C1310, C1323, C1328, C808, C1007, C1098, C1099, C1412, C1414, C1419, C1420	102	CL03A105MQ3CSN*
16	701010662	CAP, 1.0uF	CAP, 1.0uF, ±10%, 25V, X5R, 0603, H=0.80mm±0.10	C1336	1	CL10A105KA8NNNC
17	701010692	CAP, 2.7pF	CAP, 2.7pF, ±0.25pF, 50V, COG, 0201, H=0.30mm±0.03	L1839, C1503	2	C0201C0G27R7C500NTA
18	701010715	CAP, 470nF	CAP, 470nF, ±20%, 6.3V, X5R, 0201, H=0.30mm±0.03	C1728, C1735, C1742	3	CL03A474MQ3NNNH
19	701010718	CAP, 220pF	CAP, 220pF, ±10%, 50V, X7R, 0201, H=0.30mm±0.03	C1809	1	C0201X7R221K500NTA
20	701010753	CAP, 220nF	CAP, 220nF, ±20%, 6.3V, X5R, 0201, H=0.30mm±0.02	C931	1	CL03A224MQ3NNN*
21	701010756	CAP, 3.0pF	CAP, 3.0pF, ±0.25pF, 25V, COG, 0201, H=0.30mm±0.03	L1800, C1820	2	C0201C0G30R3C250NTA
22	701010758	CAP, 4.7nF	CAP, 4.7nF, ±10%, 16V, X7R, 0201, H=0.30mm±0.03	C1409	1	C0201X7R472K160NTA
23	701010787	CAP, 10uF	CAP, 10uF, ±20%, 6.3V, X5R, 0402, H=0.50mm±0.20	C574, C575, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C520, C521, C522, C523, C524, C528, C529, C530, C531, C534, C535, C536, C537, C548, C560, C561, C562, C563, C564, C582, C583, C585, C586, C590, C591, C934, C1527, C1803, C1843, C1140, C1201, C1120	44	CL05A106MQ5NUNC
24	701010793	CAP, 120pF	CAP, 120pF, ±10%, 50V, X7R, 0201, H=0.30mm±0.03	C935, C939, C1202	3	C0201X7R121K500NTA
25	701010808	CAP, 2.2uF	CAP, 2.2uF, ±20%, 6.3V, X5R, 0402, H=0.50mm±0.07	C325, C343, C352, C360, C502, C517, C532, C549, C567, C568, C569, C570, C572, C607, C1334, C1335, C905, C908, C910, C932, C1526, C1738, C1717, C726, C727, C1113, C1211, C1212, C802, C807, C1006, C1001	32	CL05A225MQ5NSNC
26	701010810	CAP, 5.0pF	CAP, 5.0pF, ±0.25pF, 50V, COG, 0201, H=0.30mm±0.03	C200, C201, C202	3	C0201C0G50R0C500NT
27	701010905	CAP, 4.7uF	CAP, 4.7uF, ±10%, 25V, X5R, 0603, H=0.80mm±0.15	C1907, C1908, C706, C728	4	CL10A475KA8NQNQC
28	701010981	CAP, 10uF	CAP, 10uF, ±20%, 25V, X5R, 0603, H=0.80mm±0.10	C1311, C1312, C1313	3	CL10A106MA8NRRNC
29	701011054	CAP, 10uF	CAP, 10uF, ±20%, 16V, X5R, 0603, H=0.80mm±0.10	C741, C742, C743, C744	4	CL10A106M08NQNQC

30	701011159	CAP, 1.8pF	CAP, 1.8pF, ±0.1pF, 50V, COG, 0201, H=0.30mm±0.03	L1506, L1719	2	C0201C0G1R8B500NTA
31	701011190	CAP, 1.0pF	CAP, 1.0pF, ±0.1pF, 50V, COG, 0201, H=0.30mm±0.03	C1727, C1715, C1709, L1617, L1846, L1717, L1403, C1723	8	C0201C0G1R0B500NTA
32	701011421	CAP, 4.3uF	CAP, 4.3uF, ±20%, 4V, X5R, 0402, H=0.45mm±0.05	C300, C301, C302, C321, C322, C337, C347, C351	8	CL05A435MR5NWC
33	701011437	CAP, 47nF	CAP, 47nF, ±10%, 16V, X5R, 0201, H=0.30mm±0.03	C1392, C1393, C1394, C1399	4	C0201X5R473K160NTA
34	701011457	CAP, 330pF	CAP, 330pF, ±10%, 50V, X7R, 0201, H=0.30mm±0.03	C718, C719	2	C0201X7R331K500NTA
35	701011458	CAP, 10nF	CAP, 10nF, ±10%, 25V, X7R, 0201, H=0.30mm±0.03	C610, C1810, C1603, C1406	4	C0201X7R103K250NTA
36	701011460	CAP, 18pF	CAP, 18pF, ±5%, 25V, COG, 0201, H=0.30mm±0.03	R1808, C1415	2	C0201C0G180J250NTA
37	701011461	CAP, 0.5pF	CAP, 0.5pF, ±0.1pF, 25V, COG, 0201, H=0.30mm±0.03	C1804, C1713, C1506, C1512, C1529, C1747, C1748	7	C0201C0G0R5B250NTA
38	701011467	CAP, 100pF	CAP, 100pF, ±5%, 25V, COG, 0201, H=0.30mm±0.03	C1650, C1651, C1652, C1729, C1730, C1736, C1743, C1825, C1826, C1827, C1320, C1321, C1306, C1309, C1325, C1388, C1389, C1403, C1405, C1413	20	C0201C0G101J250NTA
39	701011468	CAP, 12pF	CAP, 12pF, ±5%, 25V, COG, 0201, H=0.30mm±0.03	R1809, C1102	2	C0201C0G120J250NTA
40	701011469	CAP, 1.2pF	CAP, 1.2pF, ±0.1pF, 25V, COG, 0201, H=0.30mm±0.03	C1740, C1407	2	C0201C0G1R2B250NTA
41	701011470	CAP, 1.5pF	CAP, 1.5pF, ±0.1pF, 25V, COG, 0201, H=0.30mm±0.03	C1610, L1704, L1512, L1831, C1755	5	C0201C0G1R5B250NTA
42	701011471	CAP, 2.0pF	CAP, 2.0pF, ±0.25pF, 50V, COG, 0201, H=0.30mm±0.03	C1830	1	C0201C0G2R0C500NTA
43	701011472	CAP, 33pF	CAP, 33pF, ±5%, 25V, COG, 0201, H=0.30mm±0.03	C710, C1737, C1600, C1719, C1813, C1815, C1664, C1658, L1703, C1817, C1762, L1728, L1715, C1021, C1139, C1107, C1110, C1114, C1149, C1119, C1350, C1351, C1315, C1316, C1317, C1318, C1326, C1327, C1329	29	C0201C0G330J250NTA
44	701011481	CAP, 560pF	CAP, 560pF, ±10%, 50V, X7R, 0201, H=0.30mm±0.03	C813, C815	2	C0201X7R561K500NTA
45	701011484	CAP, 180pF	CAP, 180pF, ±10%, 50V, X7R, 0201, H=0.30mm±0.03	C809, C818, C810, C819	4	C0201X7R181K500NTA
46	701011494	CAP, 100nF	CAP, 100nF, ±10%, 25V, X5R, 0402, H=0.50mm±0.05	C1922, C1925	2	C0402X5R104K250NTB
47	701011500	CAP, 22nF	CAP, 22nF, ±10%, 16V, X5R, 0201, H=0.30mm±0.03	C1308	1	C0201X5R223K160NTA
48	701011505	CAP, 22uF	CAP, 22uF, ±20%, 10V, X5R, 0603, H=0.8mm	C1928, C525, C526, C547, C606, C712, C1901, C1902, C1921, C1926, C1927, C1929, C1904	13	CL10A226MP8NRNC
49	701011509	CAP, 47nF	CAP, 47nF, ±10%, 50V, X7R, 0402, H=0.50mm±0.05	C714	1	C0402X7R473K500NTB
50	701011546	CAP, 100nF	CAP, 100nF, ±20%, 25V, X5R, 0201, H=0.30mm±0.03	C1314	1	C0201X5R104M250NTJ
51	701020007	RES, 0.005Ω	RES, 0.005Ω, ±1%, 200V, 1W, 1206, H=0.70mm±0.20	R712	1	RLS12FTCR005
52	701020464	NTC RES, 100KΩ	NTC RES, 100KΩ, ±1%, 0402, H=0.50mm±0.15, 4250K	R108, R109	2	SDNT1005X104F4250FTF
53	701020781	RES, 0Ω	RES, 0Ω, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R100, R300, R603, R605, R606, R609, R610, R611, R612, R614, R702, R786, R787, R1316, R782, R788, R1507, R1600, R1601, R1803, R1805, R1800, L1803, L1808, R1811, C1819, R726, R727, R729, R734, R735, R737, R738, R742, R743, R1022, R1025, R1107, R1104, L1101, R1103, R1204, R1251, R1301, R1310, R1392, R1395, R802, R803, R1015, R881, R796, R1060, R1002, R1099, R1403, R1404, R1406, R1407, R1408, R1409, R1410, R1411, R1412, L1722, R1651, R1650, R1653, R1652, R1655	70	0201WMJ0000TEE
54	701020782	RES, 0Ω	RES, 0Ω, ±5%, 50V, 1/16W, 0402, H=0.35mm±0.05	L600, R501, R1260, R903, R906, R1503, R1504, R1505, R1508, R1700, R1701, R724, R728, R800, R1413	15	0402WCJ0000TCE
55	701020783	RES, 0Ω	RES, 0Ω, ±5%, 75V, 1/10W, 0603, H=0.45mm±0.10	C1398	1	0603WAJ000015E
56	701020786	RES, 240Ω	RES, 240Ω, ±1%, 25V, 1/20W, 0201, H=0.23mm±0.03	R900, R901	2	0201WMP2400TEE
57	701020787	RES, 1KΩ	RES, 1KΩ, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R120, R200, R201, R600, R725, R1017, R1307	7	0201WMJ0102TEE
58	701020788	RES, 1.5KΩ	RES, 1.5KΩ, ±1%, 25V, 1/20W, 0201, H=0.23mm±0.03	R604	1	0201WMP1501TEE
59	701020790	RES, 4.7KΩ	RES, 4.7KΩ, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1302, R1303, R797	3	0201WMJ0472TEE
60	701020792	RES, 10KΩ	RES, 10KΩ, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R707, R1068	2	0201WMJ0103TEE
61	701020793	RES, 39KΩ	RES, 39KΩ, ±1%, 25V, 1/20W, 0201, H=0.23mm±0.03	R616, R789, R907	3	0201WMP3902TEE
62	701020794	RES, 330KΩ	RES, 330KΩ, ±1%, 25V, 1/20W, 0201, H=0.23mm±0.03	R613	1	0201WMP3303TEE
63	701020799	RES, 2KΩ	RES, 2KΩ, ±1%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1506	1	0201WMP2001TEE
64	701020802	RES, 1.5KΩ	RES, 1.5KΩ, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1309, R804	2	0201WMJ0152TEE
65	701020805	RES, 470Ω	RES, 470Ω, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1397, R1398	2	0201WMJ0471TEE
66	701020806	RES, 47KΩ	RES, 47KΩ, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1315	1	0201WMJ0473TEE
67	701020807	RES, 100KΩ	RES, 100KΩ, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1901, R736, R739	3	0201WMJ0104TEE
68	701020810	RES, 100Ω	RES, 100Ω, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1018, R1019, R1021, R801, R805	5	0201WMJ0101TEE
69	701020828	RES, 27Ω	RES, 27Ω, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R866	1	0201WMJ0270TEE
70	701020829	RES, 150Ω	RES, 150Ω, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R1501, R1502	2	0201WMJ0151TEE

71	701020830	RES, 200 Ω	RES, 200 Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R732, R733	2	0201WMF2000TEE
72	701020839	RES, 10 Ω	RES, 10 Ω, ±5%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1102, R1350, R1351	3	0201WMJ0100TEE
73	701020889	RES, 22 Ω	RES, 22 Ω, ±5%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1053	1	0201WMJ0220TEE
74	701020890	RES, 33 Ω	RES, 33 Ω, ±5%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1012	1	0201WMJ0330TEE
75	701020942	RES, 1. 0 Ω	RES, 1 Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R500	1	0201WMF100KTEE
76	701020961	RES, 24K Ω	RES, 24K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R704	1	0201WMF2402TEE
77	701020964	RES, 1M Ω	RES, 1M Ω, ±5%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R721	1	0201WMJ0105TEE
78	701020968	RES, 20K Ω	RES, 20K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1201	1	0201WMF2002TEE
79	701020969	RES, 200K Ω	RES, 200K Ω, ±5%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R601	1	0201WMJ0204TEE
80	701020985	RES, 100K Ω	RES, 100K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R781, R113, R602, R106, R107	5	0201WMF1003TEE
81	701021000	RES, 4. 7 Ω	RES, 4. 7 Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R798	1	0201WMF470KTEE
82	701021011	RES, 33K Ω	RES, 33K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1206	1	0201WMF3302TEE
83	701021021	RES, 60. 4 Ω	RES, 60. 4 Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R400	1	0201WMF604JTEE
84	701021050	RES, 12K Ω	RES, 12K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R204, R205, R298, R296, R904	5	0201WMF1202TEE
85	701021064	RES, 7. 5K Ω	RES, 7. 5K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R615, R1802	2	0201WMF7501TEE
86	701021065	RES, 698 Ω	RES, 698 Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R713, R1200	2	0201WMF6980TEE
87	701021066	RES, 37. 4 Ω	RES, 37. 4 Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1500	1	0201WMF374JTEE
88	701021118	RES, 60. 4K Ω	RES, 60. 4K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1207, R1213	2	0201WMF6042TEE
89	701021122	RES, 15K Ω	RES, 15K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R905, R908	2	0201WMF1502TEE
90	701021151	RES, 12K Ω	RES, 12K Ω, ±5%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R114	1	0201WMJ0123TEE
91	701021152	RES, 22. 6K Ω	RES, 22. 6K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1212	1	0201WMF2262TEE
92	701021156	RES, 16. 5K Ω	RES, 16. 5K Ω, ±1%, 25V, 1/20W, 0201, H=0. 23mm±0. 03	R1203	1	0201WMF1652TEE
93	701030093	IND, 27nH	IND, 27nH, ±5%, 300mA, 0402, H=0. 50mm±0. 15	L1104, L1100, L1102	3	SDCL1005C27NJTDF
94	701030095	IND, 68nH	IND, 68nH, ±5%, 180mA, 0402, H=0. 50mm±0. 15	L1305	1	SDCL1005C68NJTDF
95	701030098	Bead, 1K Ω	Bead, 1K Ω, ±25%, 100MHZ, 100mA, 0402, H=0. 50mm±0. 15	L703, L704, L1302, L1301	4	SZ1005K102TF
96	701030100	Bead, 2. 5K Ω	Bead, 2. 5K Ω, ±25%, 100MHZ, 200mA, 0603, H=0. 80mm±0. 15	L1006	1	SZ1608K252TF
97	701030114	IND, 100nH	IND, 100nH, ±5%, 150mA, 0402, H=0. 50mm±0. 15	L1307, L1395	2	SDCL1005CR10JTDF
98	701030629	Bead, 1. 8K Ω	Bead, 1. 8K Ω, ±25%, 100MHZ, 50mA, 0402, H=0. 50mm±0. 15	L1000, L1001, L1002, L1003	4	SZ1005K182TF
99	701030695	Bead, 220 Ω	Bead, 220 Ω, ±25%, 100MHZ, 2200mA, 0603, H=0. 80mm±0. 15	L1303, L1304	2	UPZ1608E221-2R2TF
100	701030788	Bead, 120 Ω	Bead, 120 Ω, ±25%, 100MHZ, 200mA, 0402, H=0. 50mm±0. 15	L1408	1	GZ1005D121CTF
101	701030798	Power IND, 10uH	Power IND, 10uH, ±20%, 435m Ω	L701	1	MPIA252010F100M-LF
102	701030847	Power IND, 1. 0uH	Power IND, 1. 0uH, ±20%, 41m Ω, 4. 4A, 2520, H(Max)=1. 0mm	L700, L1300	2	WIP252010S-1R0ML
103	701030848	Power IND, 2. 2uH	Power IND, 2. 2uH, ±20%, 99m Ω, 2. 4A, 2520, H(Max)=1. 0mm	L702	1	WIP252010P-2R2ML
104	701030851	Power IND, 0. 47uH	Power IND, 0. 47uH, ±20%, 23m Ω, 6. 1A, 2016, H(Max)=1. 0mm	L500, L501, L502, L507	4	WIP201610S-R47ML
105	701030862	Power IND, 1. 0uH	Power IND, 1. 0uH, ±20%, 48m Ω, 3. 9A, 2016, H(Max)=1. 0mm	L1199	1	WIP201610S-1R0ML
106	701030864	Power IND, 1. 0uH	Power IND, 1. 0uH, ±20%, 37m Ω, 4. 2A, 2016, H(Max)=1. 0mm	L503, L504, L505, L506, L508	5	WIP201610Y-1R0ML
107	701030872	IND, 3. 3nH	IND, 3. 3nH, ±0. 3nH, 450mA, 0201, H=0. 30mm±0. 03	L1712, L1804, L1805, L1809, C1814, C1502, L1714	7	SDCL0603Q3N3ST02B03
108	701030885	IND, 10nH	IND, 10nH, ±5%, 250mA, 0201, H=0. 30mm±0. 03	L1510, L1615, L1616, L1705, L1407	5	SDCL0603Q10NJT02B03
109	701030889	IND, 4. 3nH	IND, 4. 3nH, ±0. 3nH, 350mA, 0201, H=0. 30mm±0. 03	L1608, L1401	2	SDCL0603Q4N3ST02B03
110	701030894	IND, 12nH	IND, 12nH, ±5%, 250mA, 0201, H=0. 30mm±0. 03	L1607, L1830, C1837, R1810, L1827, C1702, C1841, L1847, C1704, C1838, L1619, L1618, C1744	13	SDCL0603Q12NJT02B03
111	701030896	IND, 18nH	IND, 18nH, ±5%, 200mA, 0201, H=0. 30mm±0. 03	C1741, C1726, L1801, C1708, L1828, C1818	6	SDCL0603Q18NJT02B03
112	701030897	IND, 1. 0nH	IND, 1. 0nH, ±0. 3nH, 750mA, 0201, H=0. 30mm±0. 03	R1801, C1500, L1707, C1607, C1528, L1716, C1746, C1531, R1400, L1710	10	SDCL0603Q1N0ST02B03
113	701030899	IND, 1. 2nH	IND, 1. 2nH, ±0. 3nH, 750mA, 0201, H=0. 30mm±0. 03	C1806, L1708	2	SDCL0603Q1N2ST02B03
114	701030902	IND, 1. 5nH	IND, 1. 5nH, ±0. 3nH, 600mA, 0201, H=0. 30mm±0. 03	L1815, L1508, L1835, L1518, L1522	5	SDCL0603Q1N5ST02B03
115	701030904	IND, 1. 8nH	IND, 1. 8nH, ±0. 3nH, 600mA, 0201, H=0. 30mm±0. 03	C1822	1	SDCL0603Q1N8ST02B03
116	701030905	IND, 22nH	IND, 22nH, ±5%, 150mA, 0201, H=0. 30mm±0. 03	L200, L201, L202	3	SDCL0603Q22NJT02B03

117	701030906	IND, 27nH	IND, 27nH, ±5%, 140mA, 0201, H=0.30mm±0.03	L1819	1	SDCL0603Q27NJT02B03
118	701030907	IND, 2.0nH	IND, 2.0nH, ±0.3nH, 600mA, 0201, H=0.30mm±0.03	C1800, L1813, C1505, C1840	4	SDCL0603Q2N0ST02B03
119	701030910	IND, 2.2nH	IND, 2.2nH, ±0.3nH, 600mA, 0201, H=0.30mm±0.03	L1706, L1605, L1822, L1507, L1513, L1517, L1521, C1400	8	SDCL0603Q2N2ST02B03
120	701030911	IND, 2.4nH	IND, 2.4nH, ±0.3nH, 500mA, 0201, H=0.30mm±0.03	L1711, L1501, C1816, C1834, C1750, L1720	6	SDCL0603Q2N4ST02B03
121	701030913	IND, 2.7nH	IND, 2.7nH, ±0.3nH, 500mA, 0201, H=0.30mm±0.03	C1609, C1401, L1519, C1756, L1725	5	SDCL0603Q2N7ST02B03
122	701030914	IND, 33nH	IND, 33nH, ±5%, 120mA, 0201, H=0.30mm±0.03	L1399	1	SDCL0603Q33NJT02B03
123	701030915	IND, 39nH	IND, 39nH, ±5%, 120mA, 0201, H=0.30mm±0.03	L1121	1	SDCL0603Q39NJT02B03
124	701030916	IND, 3.0nH	IND, 3.0nH, ±0.3nH, 450mA, 0201, H=0.30mm±0.03	L1500, L1811, C1753, L1713	4	SDCL0603Q3N0ST02B03
125	701030919	IND, 3.6nH	IND, 3.6nH, ±0.3nH, 400mA, 0201, H=0.30mm±0.03	L1502, L1604, L1609, L1613, L1702, L1514, C1408, C1752	8	SDCL0603Q3N6ST02B03
126	701030921	IND, 47nH	IND, 47nH, ±5%, 100mA, 0201, H=0.30mm±0.03	L1603, L1818, L1750	3	SDCL0603Q47NJT02B03
127	701030922	IND, 4.7nH	IND, 4.7nH, ±0.3nH, 350mA, 0201, H=0.30mm±0.03	C1608, L1612, C1511	3	SDCL0603Q4N7ST02B03
128	701030924	IND, 5.1nH	IND, 5.1nH, ±0.3nH, 350mA, 0201, H=0.30mm±0.03	C1706	1	SDCL0603Q5N1ST02B03
129	701030925	IND, 5.6nH	IND, 5.6nH, ±0.3nH, 350mA, 0201, H=0.30mm±0.03	L1841	1	SDCL0603Q5N6ST02B03
130	701030926	IND, 68nH	IND, 68nH, ±5%, 100mA, 0201, H=0.30mm±0.03	L1396, L1397, L1398	3	SDCL0603Q68NJT02B03
131	701030928	IND, 6.2nH	IND, 6.2nH, ±0.3nH, 300mA, 0201, H=0.30mm±0.03	L1700, L1504, L1511, C1612, C1533	5	SDCL0603Q6N2ST02B03
132	701030929	IND, 6.8nH	IND, 6.8nH, ±5%, 300mA, 0201, H=0.30mm±0.03	C1508, L1844, L1718	3	SDCL0603Q6N8JT02B03
133	701030930	IND, 7.5nH	IND, 7.5nH, ±5%, 300mA, 0201, H=0.30mm±0.03	C1725, L1833, C1615, C1824	4	SDCL0603Q7N5JT02B03
134	701030931	IND, 82nH	IND, 82nH, ±5%, 100mA, 0201, H=0.30mm±0.03	L1406	1	SDCL0603Q82NJT02B03
135	701030933	IND, 8.2nH	IND, 8.2nH, ±5%, 250mA, 0201, H=0.30mm±0.03	L1836	1	SDCL0603Q8N2JT02B03
136	701030934	IND, 9.1nH	IND, 9.1nH, ±5%, 250mA, 0201, H=0.30mm±0.03	L1709, C1832, L1826, C1751	4	SDCL0603Q9N1JT02B03
137	701030979	IND, 77nH	IND, 77nH, ±5%, 730mA, 0402, H=0.50mm±0.10	L800, L801	2	MWSD1005F77NJTM01
138	7010400003	Schottky diode	Schottky diode, 1A, 40V, SOD-323, 2.7*1.4*1.0mm	D700, D701	2	B5819WS
139	7010400004	Schottky Diode	Schottky Diode, 200mA, 40V, SOD-523, 1.7*0.85*0.7mm	D600	1	PSB521S-40
140	7010400012	tricolour light	tricolour light, RGB, 1.6~3.1V, 60~100mA, 1615, H=0.4mm±0.1	LED800	1	LB1943R6GB1W-C01T2
141	701040344	Infrared LED	Infrared LED, Red, 1.25~1.5V, 1000mA, 3012, 3.0*1.2*2.65mm	LED805	1	A-SP158IR1C-A02-2D
142	701060104	TVS	TVS, 600pF, 7.0V, Bi-direction, Air30kV, 4500W, DFN2020-	T701, T750	2	ES45P4N3-BW
143	701060145	TVS	TVS, 2pF, 5.6V, Bi-direction, Air20kV, 20W, DFN1006-	T1050, T1051, T1052, T1053, T1054, T1300, T1301	7	SSCE5V052N1
144	701060162	TVS	TVS, 20pF, 5.6V, Bidirectional, Air25kV, 100W, DFN1006-2L, H=0.55mm	T1304, T1305, T1306, T200, T201, T1035	6	SSCE5V042N1
145	701060163	TVS	TVS, 0.5pF, 6V, Bidirectional, Air25kV, 100W, DFN0603-2L, H=0.3mm	T702, T1310, T1311, T1313, T1323, T1022, T1023, T1024, T1025, T1026, T1060, C1060, C1061, C1062, C1063	15	SSCE5V012L1
146	7010800005	LDO	LDO, 0.8~3.6V, 500mA, 70dB@1kHz, 6L, DFN, 1.2*1.2*0.45mm	U1205, U1210	2	OCP1405V600AD
147	7010800092	LDO	LDO, 1.8V, 300mA, 70dB@217Hz@10mA, XDFN-4L, 1.0*1.0*0.4mm	U1211, U1200	2	WL2810D18-4/TR
148	701080166	LDO	LDO, 2.8V, 300mA, 92dB@1kHz@20mA, XDFN-1*1-4L, 1.0*1.0*0.4mm	U1202	1	SGM2045-2.80XXDH4G/TR
149	701080180	LDO	LDO, 0.5~3V, 1000mA, 72dB@1kHz@10mA, WL-CSP6, 1.18*0.78*0.6mm	U901, U902	2	OCP1410W000PAD
150	701080191	LDO	LDO, 2.8V, 300mA, 70dB@1kHz@30mA, XDFN-1*1-4L, 1.0*1.0*0.4mm	U1203, U1209, U1204	3	ETA5053V280WF1E
151	701090217	26M crystal	XTAL, 26MHz, ±10ppm, 7pF, 2.5*2.0*1.0mm	X600	1	2Z26000007
152	701100075	RF Switch	RF Switch, 0.1-3.0GHz, RX, SPDT, Loss=0.45dBm, GP10, 1107, 1.1*0.7	U1806	1	MXD8621C
153	701110682	MOSFET	MOS, N-Channel, 20V, 950mA, SOT-723, H=0.55mm	Q802	1	WNM-2030-3/TR
154	701110767	Common Mode Filter	Common Mode Filter, 90Ω, 2 Lines, 100MHz, 0.85*0.65*0.55mm	L1306, U1004, U1005, U1006, U1007, U1008, U1111, U1113, U1115, U1117, U1119, U1100, U1102, U1104, U1106, U1108, U1101, U1103, U1105, U1107, U1109	21	EXC14CE900U
155	701111432	NFC	NFC, Support NFC Forum Type 1/2/3/4/5 tags, 2.4 to 5V, WFBGA-64L, 4*4*0.8mm	U800	1	ST21NFCDXBGA7
156	701111463	FM LNA	FM LNA, 90MHz, Gain 20dBm, DFN-6PIN, 1.1*0.9*0.45mm	U1306	1	AW5026DNR
157	701111560	Fuel gauge IC	Fuel gauge IC, I2C Interface, High precision ADC, WLCSP, 9L, 1.6*1.55*0.61mm	U703	1	CW2217BAAC
158	701111562	GPS LNA	GPS LNA, L1&L5, Gain 18.3~18.7dBm, DFN-6L, 1.5*1.0*0.55mm	U1403	1	AW5005EDNR
159	701111570	Charger IC	Charger IC, 5A, 11.7V, 12.8mΩ, WLCSP-36L, 2.65*2.61*0.575mm	U1901	1	HL7139WL02
160	701112078	PMIC	PMIC chip, WLCSP, 91ball, 4.18*4.26*0.6mm, pitch:0.4mm	U702	1	MT6371P/A
161	701112080	LDO	PMIC chip, WLCSP, 6ball, 1.24*0.84*0.6mm, pitch:0.4mm	U1201	1	MT6680P/A

162	701112186	RF Transceiver	RF Transceiver, WFBGA, 146ball, 4.8*5.3*0.82mm, pitch	U1504	1	MT6186MV/A
163	701112222	WBG chip	WBG chip, WSQFN, 40L, 5.0*5.0*0.75mm, pitch:0.4mm, CMO	U1401	1	MT6631N/B
164	701112271	CPU chip	CPU chip, VFBGA, 786ball, 12.6*12.2*0.9mm, pitch 0.4mm	U400	1	MT6781V/CD
165	701112272	PMIC	PMIC chip, MIF0 WLCSP, 194ball, 6.45*6.05*0.660mm, pitch:0.4mm	U600	1	MT6366W/A
166	701113612	UFS+LPDDR4X	UFS+LPDDR4X, 128GB+8GB, FBGA, 254ball, 11.5*13*1.1 mm	U900	1	H9HQ15AFAMBDAR-KEM-P
167	7011140011	TXM	TXM, quad-band GSM/ GPRS/EDGE and dual-band TD-SCDMA/	U1801	1	FX5596Y
168	7011140012	PA	PA, CDMA, WCDMA, FDD-LTE TDD-LTE Band 38/39/40/41 and Uplink Carrier Aggregation	U1700	1	FX5627Y
169	7011150011	SP3T Switch	SP3T Switch, 0.6~4.0GHz, RX, SP3T, LOSS=0.35dB@2.7GHz,	U1805	1	AW13403RQNR
170	701115066	DPDT Switch	USB2.0 Analog Switch, -3dB Bandwidth:1GHz, 5Ω, FCQFN-10L, 1.5*2.0*0.6mm	U1307	1	AW35742FCR
171	701115094	RF Switch	Antenna tuner, 0.1- 3GHz, TRX, SP4T, GPIO, 1115, 1.1*1.5*0.45mm	U1606	1	MXD8544AC
172	701115095	RF Switch	RF Switch, 0.1- 6GHz, TRX, DPDT, 0.41dB@2.7GHz, GPIO, 1511, 1.5*1.1	U1619	1	AW12022TQNR
173	701115111	RF Switch	RF switch, 0.4- 2.7GHz, TRX, SP12T, 0.67@2.7G, MIFI, 2525, 2.5*2.5*	U1600	1	CAN1662A
174	701116051	Geomagnetic Sensor	Geomagnetic Sensor, I2C Interface, 3- Axis, WLCSP, 4L, 0.8*0.8*0.55 mm	U1001	1	AF6133E
175	701116056	Geomagnetic Sensor	Gyroscope, SPI Interface, 6- axis, LGA, 14L, 2.5*3*0.91mm	U1000	1	ICM-42607-P
176	701117026	LED Driver	LED Driver, PWM Dimming Control, LED Driver 1.5A, FCQFN, 10L, 1.6*1.2*0.6mm	U1120	1	AW36518FCR
177	701118023	AudioPA	AudioPA, SmartK, AW88394CSR, Boost10.25V, WLCSP- 42, 42pin, Max2.6*3.1*0.54mm	U1300	1	AW88394CSR
178	7011200011	SIM Block	SIM Block, 0.24H	J1003, J1004	2	S239-0B06C13F
179	7011200012	Sim card	Sim card, 21.1*15.35*2.30H 3in3 Double Deck CONN, Micro SD+DOUBLE NANO SIM	J1005	1	S251-0B10F23F
180	701120981	BTB Receptacle connector	BTB Receptacle connector, 3u" Au Plating On contact area, pitch 1.3mm, 6PIN, MATING	J700	1	OK-501F006-13 (019A)
181	701121224	BTB Receptacle connector	BTB Receptacle connector, 3u" Au Plating On contact area, pitch 0.35mm, 36PIN, MATING	J1301	1	OK-106F036-35 (019A)
182	701121251	RF Connector	RF Connector, RFIII, AU:5U", 2.0*2.0*1.0mm, H=1.2mm	J1801, J1600	2	818011998
183	701121262	steel_frame	steel_frame, 2.5*1.5*1.0mm	S_K6309_STELL	1	K6309Q_steel_frame_02
184	701121279	BTB Receptacle connector	BTB Receptacle connector, 3u" Au Plating On contact area, pitch 0.4mm, 30PIN, MATING	J1001, J1100	2	OK-23GF030-04 (019A)
185	701121351	GSM coaxial Connector	GSM coaxial Connector, RF V, 3u" Au Plating On contact area, 2.0*2.0*0.6mm, H=1.2mm	J1800	1	RF4200001R
186	701121393	Audio jack	Audio jack, Sinking pcb, High on board=1.23mm, 11.60*7.3*3.60mm, NO waterproof	J1304	1	PH137-0B12F36M
187	701121435	BTB Receptacle connector	BTB Receptacle connector, 3u" Au Plating On contact area, pitch 0.4mm, 10PIN, MATING	J1300, J1302, J1000	3	OK-23GF010-04 (019A)
188	701121436	BTB Receptacle connector	BTB Receptacle connector, 3u" Au Plating On contact area, pitch 0.4mm, 24PIN, MATING	J1104, J1101	2	OK-23GF024-04 (019A)
189	7011300004	SAW Duplexer	SAW Duplexer, Band20, Loss=2.5dB, unbalance, 1814	U1810	1	RAD0847B0L
190	701130721	SAW Duplexer	SAW Duplexer, band7, Loss=1.8dB, unbalance, 1814	U1808	1	RSFD2503C
191	7011300037	SAW Duplexer Filter	SAW Duplexer Filter, B1, Loss=1.7dB, Unbalanced, 1814	U1800	1	RHDX18CC01BUB001
192	7011300038	SAW Duplexer Filter	SAW Duplexer Filter, B5, Loss=1.8dB, Unbalanced, 1814	U1811	1	RHDX18CC05BUB001
193	7011300056	Wifi Saw	Wifi saw, 2402 ~ 2483 MHz, Loss=1.7dB, Unbalanced, 1109, 1.1*0.9*0.55mm	U1400	1	RHFT11CA2442AUB001
194	701130619	band pass filter	band pass filter, 1880- 2025MHz, Loss=1.7dB, unbalance, 1608	U1505, U1705, U1807	3	SLFB18-1R910G-01TF
195	701130653	SAW Filter	SAW Filter, band28, Loss=1.5dB, unbalance, 1109	U1605	1	NDFH026-0780SA
196	701130738	SAW Filter	RX SAW, band3, Loss=2.5db, unbalance, 1109	U1602	1	RHFR11C1842UB001
197	701130739	SAW Filter	RX SAW, band7, Loss=2.5db, unbalance, 1109	U1502	1	RHFR11C2655UB001
198	701130740	SAW Filter	RX SAW, band8, Loss=2.5db, unbalance, 1109	U1501	1	RHFR11C0942UB001
199	701130751	SAW Duplexer	SAW Duplexer, band12, Loss=2.5db, unbalance, 1814	U1809	1	NDFE012-0707XA
200	701130753	SAW Duplexer	SAW Duplexer, band28A, Loss=3.4db, unbalance, 1814	U1814	1	NDFE028-0718XA
201	701130754	SAW Duplexer	SAW Duplexer, band28B, Loss=3.0db, unbalance, 1814	U1813	1	NDFE029-0733XA
202	701130771	SAW Filter	RX SAW, band12&13, Loss=3.0db, unbalance, 1109	U1503	1	NDFH069-0742SA
203	701130783	SAW Filter	RX SAW, band5, Loss=1.8db, unbalance, 1109	U1603	1	RHFR11C0881UB001
204	701130784	SAW Filter	RX SAW, band40, Loss=3.5db, unbalance, 1109	U1507	1	RHFR11C2350UB001
205	701130785	SAW Filter	RX SAW, band41 (120MHZ), Loss=3.5dB, unbalance, 1109	U1506, U1702	2	RHFR11C2595UB001
206	701130787	GPS SAW	GPS SAW, L5, Loss=2.5db, unbalance, 1109	U1402	1	RHFR11C1575UB001
207	701130798	SAW Filter	TRX SAW, band41, Loss=3.5db, unbalance, 1109	U1701	1	RHFT11C2595UB001

208	701130799	SAW Filter	TRX SAW, band40, Loss=3.5db, unbalance, 1109	U1703	1	RHFT11C2350UB001
209	701130813	SAW Filter	RX SAW, band2, Loss=2.6db, unbalance, 1109	U1601	1	RHFR11C1960UB001
210	701130929	Triplexer	Diplexer, GPS/2.4GHz WLAN/5GHz WLAN, Loss=0.60/0.0.80/0.75dB, 8-pin, 2012	F1400	1	SLFT21-2R450G-07T
211	701130938	SAW Duplexer	SAW Duplexer, band3, Loss=2.5db, unbalance, 1814	U1803	1	RAD1843B09
212	701130941	Duplexer	TC-SAW Duplexer, band2, Loss=1.6dB, unbalance, 1814	U1802	1	RAD1960B0K
213	701130942	RX SAW	RX SAW, band66, Loss=2.5db, unbalance, 1109	U1500	1	RHFR11CA66AUB001
214	701130945	RX SAW	RX SAW, band20, Loss=2.7dB, unbalance, 1109	U1604	1	RHFR11CA20AUB001
215	701130946	Duplexer	SAW Duplexer, band66, Loss=2.0db, unbalance, 1814	U1804	1	NDFE066-1745XA
216	701130956	Duplexer	TC-SAW Duplexer, band8, Loss=1.6dB, unbalance, 1814	U1812	1	RAD0943B0Q
217	7011400038	antenna shrapnel	antenna shrapnel, Rating correct 2A, 3u" Au Plating On contact area, 1.7*1.0*1.4mm, Working Height 1.0mm	ANT1600, ANT1601, ANT1602, ANT1694, ANT1695, ANT1696, ANT1697, ANT1698, ANT1699, ANT1400, ANT1401, ANT1402	12	8000D049
218	7011400135	PMU shield	PMU shield, Internal height 1.2mm, THKO. 3mm, With insulation, C7701	S_PMU	1	F2-PMU-01
219	7011400136	BRACKET	BRACKET, 4*1.4*0.2mm, C7701	S-BRACKET-01	1	F2-BRACKET-01
220	7011400137	RF shield	RF shield, Internal height 1.2mm, THKO. 3mm, no insulation, C7701	S_RF	1	F2-RF-01
221	7011400138	BB shield	BB shield, Internal height 1.15mm, THKO. 3mm, With insulation, C7701	S_BB	1	F2-BB-01
222	7011400139	antenna shrapnel	antenna shrapnel, Rating correct 2A, 3u" Au Plating On contact	ANT1300, ANT700, ANT1100, ANT1101, REC1300, REC1301, REC1302, NFC1, NFC2	9	8000D060
223	701142723	Thermal conductive silica gel	Thermal conductive, silica gel, 9.0*7.0*0.8mm	U400上方	1	P2S907008-3W
224	701142840	NFC shield	NFC shield, Internal height 1.1mm, THKO. 2mm, No insulation, C7701	S_X30_NFC_01	1	X30-NFC-01
225	701142914	PA shield	PA shield, Internal height 1.1mm, THKO. 2mm, No insulation, C7701	S_M2_PA	1	M2-PA-01
226	701142988	antenna shrapnel	Group shrapnel, lu" Au Plating On contact area, 1A, 6PIN, 4.8*3.6*1.37mm, Front press	J1106	1	TP6-BB06A08A
227	701143531	GPS shield	GPS shield, Internal height 1.2mm, THKO. 2mm, No insulation, C7701	S_B5_GPS_02	1	B5-GPS-02
228	701143819	Antenna clip	Antenna clip, 2.0*1.18*0.9mm, Card wire 0.9	J1360	1	80000208
229	7011600003	BB cover	BB cover, C7701, Internal height 1.15mm, THKO. 15mm	F2-BB-cover-01	1	F2-BB-cover-01
230	701115060	RF Switch	RF Switch, 0.4-6.0GHz, TRX, SPDT, 0.70dB@5.8GHz, GPIO, 1107, 1.1*0	U1706	1	MXD8625EH
231	701010566	CAP, 220pF	CAP, 220pF, ±5%, 50V, COG, 0201, H=0.30mm±0.03	C811, C816	2	C0201COG221J500NT
232	701010600	CAP, 3.9pF	CAP, 3.9pF, ±0.25pF, 50V, COG, 0201, H=0.30mm±0.03	L1821	1	C0201COG3R9C500NTA

NAME	F1	project name	Plate type	BOM type	F1_ANTSUB_02_GQ	
			F1_ANTSUB_02_GQ	PCBA type		
NO.	material code	name of material	material description	mark	QTY	Manufacturers specifications
1	701121224	BTB Receptacle connector	BTB, Socket, 36Pin, 0.35mm Pitch, 0.7H	J410	1	OK-106F036-35
2	701060128	TVS	TVS, 15pF, 8V, Bi-direction, Air30kV, 100W, DFN1006-2L, 1.05*0.65*0.55mm	T101	1	AU0521PZ
3	701143536	antenna shrapnel	antenna shrapnel, Rating current 2A, 4u" Au Plating On contact area, 2.5*1.2*1.95mm, Working Height=1.15mm	ANT11 ANT12	2	818011399
4	701011018	CAP, 10NF	CAP 10NF , 0201, ±10% 10V	C107 C108	2	C0201X5R103K100NT
5	701011459	CAP, 0.1UF	CAP 0.1uF 0402 ±10% 16V	C3	1	C0402X7R104K160NTA
6	701110345	N-Channel MOSFET	N-Channel MOSFET	Q100 Q101	2	SSM3K35MFV
7	701121435	BTB Receptacle connector	BTB Receptacle connector, 3u" Au Plating On contact area, pitch 0.4mm, 10PIN, MATING CONDITION 0.8mm, 0.5A/signal pin	J1	1	OK-23GF010-04 (019A)
8	701020781	RES, 0 Ω	RES, 0 OHM 0201 ±5%, 25V, 1/20W	R107 R105	2	0201WMJ0000TEE
9	701020787	RES, 1K Ω	RES, 1K Ω, ±5%, 25V, 1/20W, 0201, H=0.23mm±0.03	R9	1	0201WMJ0102TEE
10	701020790	RES, 4.7K Ω	RES, 4.7K OHM 0201 ±5%, 25V, 1/20W	R6	1	0201WMJ0472TEE
11	701060151	TVS	TVS, 0.4pF, 10V, Bi-direction, Air20kV, 100W, DFN1006, H=0.5mm	T6 T7	2	SSCE5V032N1
12	701060118	TVS	TVS, 20pF, 27V, Bi-direction, Air20kV, 300W, DFN1006-2L, 1.05*0.65*0.55mm	T5	1	PESDNC2FD24VB
13	701060128	TVS	TVS, 15pF, 8V, Bi-direction, Air30kV, 100W, DFN1006-2L, 1.05*0.65*0.55mm	T4 T8	2	AU0521PZ
14	701020807	RES, 100K Ω	RES, 100K OHM 0201 ±5%, 25V, 1/20W	R5 R100 R106 R7	4	0201WMJ0104TEE
15	701100080	DPDT Switch	USB2.0 Analog Switch, -35dB at 250MHz, 6Ω, UTQFN-10L, 1.8*1.4*0.75mm	U100	1	SGM7228YWQ10G/TR
16	701011459	CAP, 100nF	CAP 0.1uF 0402 ±10% 16V	C2	1	C0402X7R104K160NTA
17	701060128	TVS	TVS, 15pF, 8V, Bi-direction, Air30kV, 100W, DFN1006-2L, 1.05*0.65*0.55mm	T1 T2 T3	3	AU0521PZ
18	701120891	FPC connector	FPC connector, 1u" Au Plating On contact area, pitch 0.5mm, 6pin, height1.0mm, Back lock	J2	1	ZF1-AB06F10A
19	701010907	CAP, 1.0uF	CAP 0402 X5R 1UF 25V ±10%	C102 C103	2	CL05A105KA5NQC
20	701021112	RES, 1M Ω	RES, 1M OHM 0201 ±1%, 25V, 1/20W	R124	1	0201WMF1004TEE
21	701021146	RES, 93.1K Ω	RES, 93.1K OHM 0201 ±1%, 25V, 1/20W	R125	1	0201WMF9312TEE
22	701111462	OVP	OVP, 30m Ω 32Vdc, 10.5V, FCQFN-9L, 1.2*1.2*0.55mm	U101	1	AW33910FCR
23	701030100	Bead, 2.5K Ω	Bead 0603 2500±25% OHM (100MHZ)	L1407	1	SZ1608K252TF
24	701030314	Bead, 1000 Ω	Bead 1000±25%OHM (100MHZ)	L1305 L1306 L1307 L1405	4	SZ1005K102CTF
25	701060128	TVS	TVS, 15pF, 8V, Bi-direction, Air30kV, 100W, DFN1006-	T1306 T1307 T1308	3	AU0521PZ
26	701060137	TVS	TVS, 0.5pF, 9.5V, Bi-direction, Air25kV, 100W, DFN1006-2, 1.0*0.6*0.5mm	T1404	1	AR0521P1
27	701010486	CAP, 1.0nF	CAP 1NF , 0201, ±10%, 25V	C1424	1	C0201X7R102K250NTA
28	701020781	RES, 0 Ω	RES, 0 OHM 0201 ±5%, 25V, 1/20W	R1408	1	0201WMJ0000TEE
29	701010489	CAP, 100nF	CAP 0.1UF , 0201, ±10%, 6.3V	C119	1	C0201X5R104K6R3NTA
30	701011472	CAP, 33pF	CAP, 33pF, ±5%, 25V, C0G, 0201, H=0.30mm±0.03	C1 C110	2	C0201C0G330J250NTA
31	701020781	RES, 0 Ω	RES, 0 OHM 0201 ±5%, 25V, 1/20W	R113	1	0201WMJ0000TEE
32	701120957	Audio jack	Audio jack, Sinking pcb, High on board=2.2mm, 12.5*8.1*3.8mm, NO waterproof	J103	1	PH23-3B16F38A
33	701021089	NTC RES, 10K Ω	NTC RES, 10K Ω, ±1%, 0402, H=0.50mm±0.15, 3380K	R4	1	SDNT1005X103F3380FTF
34	701020782	RES, 0 Ω	RES, 0 OHM 0402 ±5%, 1/16W	R101 R102	2	0402WGJ0000TCE
35	701060108	EOS	EOS, 15V, 5800W, 240A, DFN2020-3, H=0.65mm, uni-direction	EOS101 EOS1	2	ES12P4N3A
36		Type-c connector	16PIN Type-c connector	J101	1	MIN-216B202
37	701020781	RES, 0 Ω	RES, 0 OHM 0201 ±5%, 25V, 1/20W	R2304 R8 R1 R2 R104	5	0201WMJ0000TEE

38	701011467	CAP, 100pF	CAP, 100pF, $\pm 5\%$ , 25V, C0G, 0201, H=0.30mm $\pm 0.03$	C2307 C2308	2	C0201C0G101J250NTA
39	701011318	CAP, 100nF	CAP 0201 X5R 100NF $\pm 10\%$ 6.3V	C2305	1	CL03A104KQ3NN5C
40	701115054	Antenna Tuning Switch	SP4T Switch QFN-10P 1.1*1.5*0.5 40V	U2300	1	MXD8544A
41	701121351	GSM coaxial Connector	GSM coaxial Connector, RF V, 3u" Au Plating On contact area, 2.0*2.0*0.6mm, H=1.2mm	J2001	1	RF4200001R
42	701143819	Antenna clip	Antenna clip, 2.0*1.18*0.9mm, Card wire 0.9	JS1301	1	80000208
43	701143536	antenna shrapnel	antenna shrapnel, Rating correct 2A, 4u" Au Plating On contact area, 2.5*1.2*1.95mm, Working Height=1.15mm	ANT10 ANT4 ANT6 ANT1 ANT2 ANT3 ANT7 ANT8 ANT9 ANT5 ANT1400	11	818011399
44		PCB	F1_ANTSUB_02_GQ		1	F1_ANTSUB_02_GQ