

Item	Code	Description	Partnumber	Quantity	Reference
1	0101100005	MTK RF chip	MT6177W/A	1	U3101
2	0107100070	Contains TDSCDMA/CDMA/WCDMA/TDD/FDDLTE high frequency radio frequency power amplifier module	RR88643-21S	1	U1501
3	0107100071	ncludes GSM4 frequency (support EDGE) +TDS34/39+TDDLTE39 RF power amplifier + single pole 14 throw switch RF front-end module	RR88916-21S	1	U1611
4	0108100023	SP4T Antenna Tuning	MXD8544A	1	U1724
5	0108100055	DPDT Switch	MXD8546FA	1	U1723
6	0108200106	QPX B1+B3(Unbalance-2520)	SAHQV1G74BA0H0A	1	U1601
7	0520000053	B1+B3 RX SAW(Unbalance-1511)	SAWFD1G84AA0F0A	1	U1701
8	0108200085	DPX B25(Unbalance-1814)	SAYPE1G88BA1G0A	1	U1602
9	0520000119	B25+B66 RX SAW(Unbalance-1511)	B39222B9936P810	1	U1702
	0520000122	B25+B66 RX SAW(Unbalance-1511)	SAWFD1G96AC2F0A		
10	0108200117	DPX B66(Unbalance-1814)	B39222B1236L210	1	U1604
11	0108200086	Band26 SAW Duplexer(Unbalance)	B39871B8546P810	1	U1612
12	0520000082	B26 RX SAW(Unbalance-1109)	SAFFB876MAA0F0A	1	U1712
	0520000084	B26 RX SAW(Unbalance-1109)	SFH876BA402		
13	0108200073	DPX B7(Unbalance-1814)	SAYEY2G53BA0F0A	1	U1607
14	0520000155	B7 RX SAW(Unbalance-1109)	PSB7R11AU	1	U1707
	0520000057	B7 RX SAW(Unbalance-1109)	SAFFB2G65AA0F0A		
	0520000058	B7 RX SAW(Unbalance-1109)	SFHG56BA002		
	0520000131	B7 RX SAW(Unbalance-1109)	NDFH035-2655SA		
15	0108200116	DPX B8(Unbalance-1814)	SAYEY897MBG0F0A	1	U1605

16	0520000149	B8 RX SAW(Unbalance-1109)	PSB8R11AU	1	U1705
	0520000073	B8 RX SAW(Unbalance-1109)	SAFFB942MANOF0A		
	0520000075	B8 RX SAW(Unbalance-1109)	SFH942AA002		
	0520000107	B8 RX SAW(Unbalance-1109)	NDFH014-0942SA		
17	0108200090	DPX B12(Input Power:29dBm, Unbalance-1814)	B39741B8649P810	1	U1608
18	0520000124	B12+B13 RX SAW(Unbalance-1109)	SAFFB742MAAOF0A	1	U1708
	0520000123	B12+B13 RX SAW(Unbalance-1109)	SFH742AA402		
19	0108200089	DPX B13(Input Power:28.5dBm, can't pass NS07 spec, Unbalance-1814)	B39781B8620P810	1	U1622
20	0108200110	DPX B20(Unbalance-1814)	SAYEY806MBCOF0A	1	U1620
21	0520000151	B20 RX SAW(Unbalance-1109)	PSB20R11AU	1	U1720
22	0108200092	DPX B28A+B(Input Power:29dBm, Unbalance-1814)	SAYRH725MBAOBOA	1	U1621
23	0520000115	B28A+B RX SAW(Unbalance-1109)	SAFFB780MAAOF0A	1	U1721
	0520000132	B28A+B RX SAW(Unbalance-1109)	NDFH026-0780SA		
	0520000116	B28A+B RX SAW(Unbalance-1109)	SFH780AA402		
24	0510000013	B34/39 TX BPF	LFB181G95CT9E362	1	U1539
	0510000015	B34/39 BPF	BF1608-L1R9NDB**/LF		
25	0510000012	B34/39/GSM_HB BPF(Sawless)	LFB181G91CT9E361	2	U1639, U1739
	0510000014	B34/39/GSM_HB BPF	BF1608-L1R9NDC**/LF		
26	0520000158	TRX-saw(B40 1109)	SFDG35BA402	1	U1540
27	0520000152	B40 RX SAW(Unbalance-1109)	PSB40R11AU	1	U1740
	0520000021	B40 RX SAW(Unbalance-1109)	SAFFB2G35AAOF0A		
	0520000104	B40 RX SAW(Unbalance-1109)	SFHG52AA002		
	0520000112	B40 RX SAW(Unbalance-1109)	NDFH004-2350SA		

28	0520000159	TRX-saw(B41-120M)	B39262B8870L210	1	U1541
29	0520000153	B41 RX SAW(Unbalance-1109, 2535--2655MHZ)	PSB41MR11AU	1	U1741
	0520000113	B38/41 RX SAW(Unbalance-1109, 2535--2655MHZ)	NDFH037-2590SA		
	0520000136	B38/41 RX SAW(Unbalance-1109, 2535--2655MHZ)	SFHG96AA402		
	0520000137	B38/41 RX SAW(Unbalance-1109, 2535--2655MHZ)	SAFFB2G59AA3F0A		
30	0108100029	SP2T(TX)	MXD8625C	1	U1503
31	0108100024	SP12T Antenna Switch	MXD86C0S	1	U1711
32	0700000000	0201Resistance(0 Ω , 1/20W, 25V, 5%)	RC0201JR-070RL	44	R1420, R1419, R1418, R1417, R1416, R1415, R1507, R1601, R1602, R1603, R1604, R1605, C1603, C1629, C1701, C1702, R1701, R1702, C1739, C1716, R1404, C1686, C1756, C1758, C1682, C1784, C1619, C1544, C1641, C1543, C1525, C1524, C1728, C1514, C1513, C1782, C1620, C1537, C1533, C1623, C1635, C1630, C1574, C1534
	0700000100	0201Resistance(0 Ω , 1/20W, 25V, 5%)	R0201JXX0000P20LHZ		
	0700000001	0201Resistance(0 Ω , 1/20W, 25V, 5%)	0201WMJ0000TCE		
	0700000002	0201Resistance(0 Ω , 1/20W, 25V, 5%)	R0201JXX0000P20L*Z		
	0700000003	0201Resistance(0 Ω , 1/20W, 25V, 5%)	0201WMJ0000T*E		
33	0700350200	0201Resistance(36 Ω , 1/20W, 25V, 1%)	RC0201FR-0736RL	1	R1402
	0700350300	0201Resistance(36 Ω , 1/20W, 25V, 1%)	R0201RXX360XF20LHZ		
	0700360002	0201Resistance(36 Ω , 1/20W, 25V, 1%)	0201WMF360JTCE		
	0700360005	0201Resistance(36 Ω , 1/20W, 25V, 1%)	R0201RXX360XF20L*Z		
	0700360006	0201Resistance(36 Ω , 1/20W, 25V, 1%)	0201WMF360JT*E		

34	0700151004	0201Resistance(150 Ω , 1/20W, 25V, 1%)	RC0201FR-07150RL	2	R1401, R1403
	0700151003	0201Resistance(150 Ω , 1/20W, 25V, 1%)	R0201RXX151XF20LHZ		
	0700151002	0201Resistance(150 Ω , 1/20W, 25V, 1%)	0201WMF1500TCE		
	0700151007	0201Resistance(150 Ω , 1/20W, 25V, 1%)	R0201RXX151XF20L*Z		
	0700151008	0201Resistance(150 Ω , 1/20W, 25V, 1%)	0201WMF1500T*E		
35	0700202000	0201Resistance(2k Ω , 1/20W, 25V, 1%)	RC0201FR-072KL	1	R1412
	0700202100	0201Resistance(2k Ω , 1/20W, 25V, 1%)	R0201RXX202XF20LHZ		
	0700202001	0201Resistance(2k Ω , 1/20W, 25V, 1%)	0201WMF2001TCE		
	0700202002	0201Resistance(2k Ω , 1/20W, 25V, 1%)	R0201RXX202XF20L*Z		
	0700202003	0201Resistance(2k Ω , 1/20W, 25V, 1%)	0201WMF2001T*E		
36	0700394000	0201Resistance(390K Ω , 1/20W, 25V, 1%)	RC0201FR-07390KL	1	R1501
	0700394100	0201Resistance(390K Ω , 1/20W, 25V, 1%)	R0201RXX394XF20LHZ		
	0700394001	0201Resistance(390k Ω , 1/20W, 25V, 1%)	0201WMF3903TCE		
	0700394002	0201Resistance(390KΩ,1/20W,25V,1%)	R0201RXX394XF20L*Z		
	0700394003	0201Resistance(390kΩ,1/20W,25V,1%)	0201WMF3903T*E		
37	0300000100	NTC thermal hold (100 k)	NCP15WF104F03RC	1	NTC3201
	0300000500	Sheet negative temperature coefficient NTC thermal hold	NTCG104EF104FT*		
38	0800005000	0201ceramic capacitor(0.5pF, $\pm$ 0.1pF, 50V, COG)	C0201C0G0R5B500NTA	5	L1652, L1621, L1516, L1601, L1529
	0800005002	0201ceramic capacitor(0.5pF, +0.1pF, 50V, COG)	V0R5B0201C0G500NA*		

39	0800R75002	0201ceramic capacitor (0. 75pF, $\pm 0. 1$ pF, 50V, HQC)	VR75B0201HQC500NA*	1	L1537
40	0800010000	0201ceramic capacitor (1. 0pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG1R0B500NTA	3	L1505, L1506, L1514
	0800010002	0201ceramic capacitor (1. 0pF, $\pm 0. 1$ pF, 50V, COG)	V1R0B0201COG500NA*		
41	0800012000	0201ceramic capacitor (1. 2pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG1R2B500NTA	3	L1501, L1502, L1744
	0800012002	0201ceramic capacitor (1. 2pF, $\pm 0. 1$ pF, 50V, COG)	V1R2B0201COG500NA*		
42	0800015000	0201ceramic capacitor (1. 5pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG1R5B500NTA	2	L1712, L1721
	0800015002	0201ceramic capacitor (1. 5pF, $\pm 0. 1$ pF, 50V, COG)	V1R5B0201COG500NA*		
43	0800018000	0201ceramic capacitor (1. 8pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG1R8B500NTA	2	L1627, L1729
	0800018002	0201ceramic capacitor (1. 8pF, $\pm 0. 1$ pF, 50V, COG)	V1R8B0201COG500NA*		
45	0800022000	0201ceramic capacitor (2. 2pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG2R2B500NTA	2	L1607, L1623
	0800022002	0201ceramic capacitor (2. 2pF, $\pm 0. 1$ pF, 50V, COG)	V2R2B0201COG500NA*		
46	0800027000	0201ceramic capacitor (2. 7pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG2R7B500NTA	7	L1631, C1540, L1517, L1709, L1511, L1603, L1611
	0800027002	0201ceramic capacitor (2. 7pF, $\pm 0. 1$ pF, 50V, COG)	V2R7B0201COG500NA*		
47	0800030001	0201ceramic capacitor (3. 0pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG3R0B500NTA	2	L1507, L1718
	0800030002	0201ceramic capacitor (3. 0pF, $\pm 0. 1$ pF, 50V, COG)	V3R0B0201COG500NA*		
48	0800033000	0201ceramic capacitor (3. 3pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG3R3B500NTA	7	L1638, L1619, L1735, L1707, L1615, L1635, L1643

--	0800033002	0201ceramic capacitor (3. 3pF, $\pm 0. 1$ pF, 50V, COG)	V3R3B0201COG500NA*		
49	0800039000	0201ceramic capacitor (3. 9pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG3R9B500NTA	3	L1726, L1738, L1715
	0800039002	0201ceramic capacitor (3. 9pF, $\pm 0. 1$ pF, 50V, COG)	V3R9B0201COG500NA*		
50	0800047000	0201ceramic capacitor (4. 7pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG4R7B500NTA	1	C1710
	0800047002	0201ceramic capacitor (4. 7pF, $\pm 0. 1$ pF, 50V, COG)	V4R7B0201COG500NA*		
51	0800056000	0201ceramic capacitor (5. 6pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG5R6B500NTA	3	L1732, C1573, C1528
	0800056002	0201ceramic capacitor (5. 6pF, $\pm 0. 1$ pF, 50V, COG)	V5R6B0201COG500NA*		
52	0800068000	0201ceramic capacitor (6. 8pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG6R8B500NTA	2	C1637, C1605
	0800068002	0201ceramic capacitor (6. 8pF, $\pm 0. 1$ pF, 50V, COG)	V6R8B0201COG500NA*		
53	0800082000	0201ceramic capacitor (8. 2pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG8R2B500NTA	2	C1517, C1535
	0800082002	0201ceramic capacitor (8. 2pF, $\pm 0. 1$ pF, 50V, COG)	V8R2B0201COG500NA*		
54	0800100000	0201ceramic capacitor (10pF, $\pm 5\%$, 25V, COG)	C0201COG100J250NTA	3	C1648, C1747, C1783
	0800100004	0201ceramic capacitor (10pF, $\pm 5\%$, 50V, COG)	V100J0201COG500NA*		
55	0800180000	0201ceramic capacitor (18pF, $\pm 5\%$, 25V, COG)	C0201COG180J250NTA	5	C1541, C1542, C1654, C1703, C1704
	0800180002	0201ceramic capacitor (18pF, $\pm 5\%$, 25V, COG)	V180J0201COG250NA*		

56	0800220004	0201ceramic capacitor (22pF, $\pm 5\%$, 50V, C0G)	C0201C0G220J500NTA	8	C1634, C1602, C1628, C1730, C1718, C1724, C1752, C1709
	0800220005	0201ceramic capacitor (22pF, $\pm 5\%$, 50V, C0G)	V220J0201C0G500NA*		
57	0800270000	0201ceramic capacitor (27pF, $\pm 15\%$, 25V, C0G)	C0201C0G270L250NTA	1	C1538
	0800270007	0201ceramic capacitor (27pF, $\pm 15\%$, 25V, C0G)	V270L0201C0G250NA*		
	0800270002	0201ceramic capacitor (27pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN270		
	0800270001	0201ceramic capacitor (27pF, $\pm 5\%$, 25V, C0G)	0201CG270J250NT		
58	0800330000	0201ceramic capacitor (33pF, $\pm 15\%$, 25V, C0G)	C0201C0G330L250NTA	7	C1506, C1559, C1642, C1643, C1788, C1502, C1631
	0800330003	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, C0G)	CL03C330JA3NNNC		
	0800330001	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, C0G)	0201CG330J250NT		
	0800330004	0201ceramic capacitor (33pF, $\pm 5\%$, 50V, C0G)	V330J0201C0G500NAT		
	0800330005	0201ceramic capacitor (33pF, $\pm 15\%$, 25V, C0G)	V330L0201C0G250NA*		
	0800330002	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN330		
	0800330006	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, C0G)	C0201C0G330J250NTA		
	0800330007	0201ceramic capacitor (33pF, $\pm 5\%$, 50V, C0G)	C0201C0G330J500NTA		
59	0800470000	0201ceramic capacitor (47pF, $\pm 15\%$, 25V, C0G)	C0201C0G470L250NTA	11	C1653, C1656, C1735, C1738, C1741, C1744, C1749, C1721, C1618, C1712, C1640
	0800470001	0201ceramic capacitor (47pF, $\pm 5\%$, 25V, C0G)	0201CG470J250NT		
	0800470008	0201ceramic capacitor (47pF, $\pm 5\%$, 25V, C0G)	C0201C0G470J250NTA		
	0800470007	0201ceramic capacitor (47pF, $\pm 15\%$, 25V, C0G)	V470L0201C0G250NA*		
	0800470002	0201ceramic capacitor (47pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN470		
	0800470100	0201ceramic capacitor (47pF, $\pm 2\%$, 25V, NP0)	CC0201GRNPO8BN470		

60	0800560001	0201ceramic capacitor (56pF, $\pm 5\%$, 25V, C0G)	0201CG560J250NT	3	C1625, C1715, C1622
	0800560100	0201ceramic capacitor (56pF, $\pm 2\%$, 50V, NP0)	CC0201GRNP09BN560		
	0800560003	0201ceramic capacitor (56pF, $\pm 5\%$, 50V, C0G)	V560J0201C0G500NA*		
	0800560002	0201ceramic capacitor (56pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN560		
61	0800101009	0201ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	C0201C0G101J500NTA	4	C1510, C1509, C1557, C1706
	0800101006	0201ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	V101J0201C0G500NAT		
	0800101004	0201ceramic capacitor (100pF, $\pm 5\%$, 50V, NP0)	CC0201JRNPO9BN101		
62	0800221001	0201ceramic capacitor (220pF, $\pm 20\%$, 25V, X5R)	C0201X5R221M250NTA	1	L1651
	0800221000	0201ceramic capacitor (220pF, $\pm 20\%$, 50V, X7R)	C0201X7R221M500NTA		
	0800221002	0201ceramic capacitor (220pF, $\pm 10\%$, 50V, X7R)	0201B221K500NT		
	0800221003	0201ceramic capacitor (220pF, $\pm 10\%$, 50V, X7R)	V221K0201X7R500NAT		
	0800221100	0201ceramic capacitor (220pF, $\pm 10\%$, 50V, X7R)	CC0201KRX7R9BB221		
63	0800102000	0201ceramic capacitor (1nF, $\pm 20\%$, 16V, X7R)	C0201X7R102M160NTA	3	C1503, C1644, C1647
	0800102002	0201ceramic capacitor (1nF, $\pm 10\%$, 16V, X7R)	0201B102K160NT		
	0800102001	0201ceramic capacitor (1nF, $\pm 20\%$, 16V, X5R)	C0201X5R102M160NT		
	0800102003	0201ceramic capacitor (1nF, $\pm 20\%$, 16V, X7R)	V102M0201X7R160NA*		
	0800102100	0201ceramic capacitor (1nF, $\pm 10\%$, 16V, X7R)	CC0201KRX7R7BB102		
64	0800333000	0201ceramic capacitor (33nF, $\pm 20\%$, 10V, X5R)	C0201X5R333M100NTA	1	C1705
	0800333001	0201ceramic capacitor (33nF, $\pm 20\%$, 10V, X5R)	0201X333M100NT		
	0800333002	0201ceramic capacitor (33nF, $\pm 20\%$, 16V, X5R)	V333M0201X5R160NA*		
	0800333100	0201ceramic capacitor (33nF, $\pm 10\%$, 10V, X5R)	CC0201KRX5R6BB333		

65	0800104000	0201ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	C0201X5R104M6R3NTA	7	C1411, C1412, C1413, C1414, C1415, C1416, C1526
	0800104002	0201ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	0201X104M6R3NT		
	0800104003	0201ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	0201X104K6R3NT		
	0800104007	0201ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	V104M0201X5R6R3NA*		
	0800104008	0201ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	C0201X5R104K6R3NTA		
	0800104100	0201ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	CC0201KRX5R5BB104		
66	0800105000	0201ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	C0201X5R105M6R3NTX	5	C1570, C1571, C1556, C1508, C1589
	0800105009	0201ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	CL03A105MQ3CSNC		
	0800105007	0201ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	V105M0201X5R6R3NX*		
	0800105008	0201ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	V105M0201X5R6R3NJ*		
	0800105100	0201ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	GRM033R60J105MEA2D		
	0800105003	0201ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	CL03A105MQ3CNNC		
67	0810475000	0402ceramic capacitor (4.7uF, $\pm 20\%$, 6.3V, X5R)	C0402X5R475M6R3NTC	2	C1417, C1418
	0810475006	0402ceramic capacitor (4.7uF, $\pm 20\%$, 6.3V, X5R)	CL05A475MQ5NRNC		
	0810475004	0402ceramic capacitor (4.7uF, $\pm 20\%$, 6.3V, X5R)	V475M0402X5R6R3NC*		
	0810475200	0402ceramic capacitor (4.7uF, $\pm 20\%$, 6.3V, X5R)	CL05A475MQ5NQNC		
	0810475100	0402ceramic capacitor (4.7uF, $\pm 20\%$, 6.3V, X5R)	GRM155R60J475ME87D		
68	0810475001	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	C0402X5R475M100N*	2	C1572, C18
	0810475005	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	V475M0402X5R100NC*		
	0810475002	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	GRM155R61A475M*		
	0810475003	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	CL05A475MP5NRNC		

69	0810101100	0402ceramic capacitor (100pF, $\pm 5\%$, 50V, NP0)	CC0402JRNPO9BN101	1	C1505
	0810101002	0402ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	V101J0402C0G500NB*		
	0810101200	0402ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	C0402C0G101J500NTB		
	0810101001	0402ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	0402CG101J500NT		
	0810101000	0402ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	GRM1555C1H101J*		
70	0820226100	0603ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	C0603X5R226M6R3NT	1	C1649
	0820226009	0603ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	JDK107BBJ226MA-T		
	0820226006	0603ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	V226M0603X5R6R3NK*		
	0820226200	0603ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	GRM188R60J226M*		
	0820226002	0603ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	CL10A226MQ8NRNC		
71	0900010200	0201stacked inductor (1nH)	MGCI0603T1NOCT-LF	6	C1719, C1722, C1604, C1532, C1601, C1527
72					
73	0900015200	0201stacked inductor (1.5nH)	MGCI0603T1N5CT-LF	5	C1713, C1723, C1626, C1729, L1530
74	0900018200	0201stacked inductor (1.8nH)	MGCI0603T1N8CT-LF	6	C1624, L1622, C1616, L1604, C1720, L1528
75	0900020200	0201stacked inductor (2nH)	MGCI0603T2NOCT-LF	2	C1652, C1617
76	0900022200	0201stacked inductor (2.2nH)	MGCI0603T2N2CT-LF	3	L1612, C1711, C1511
77	0900024200	0201stacked inductor (2.4nH)	MGCI0603T2N4CT-LF	3	C1733, C1717, L1614
78	0900027200	0201stacked inductor (2.7nH)	MGCI0603T2N7CT-LF	4	C1714, L1525, L1524, L1713
79	0900030200	0201stacked inductor (3nH)	MGCI0603T3NOCT-LF	5	C1751, C1708, C1518, C1501, C1621
80					
81	0900036200	0201stacked inductor (3.6nH)	MGCI0603T3N6CT-LF	1	C1536
82	0900039200	0201stacked inductor (3.9nH)	MGCI0603T3N9CT-LF	3	C1500, L1531, L1605

83	0900043200	0201stacked inductor (4. 3nH)	MGCI0603T4N3CT-LF	2	L1541, L1532
84	0900047200	0201stacked inductor (4. 7nH)	MGCI0603T4N7CT-LF	4	C1742, C1558, C1516, C1638
85	0900051200	0201stacked inductor (5. 1nH)	MGCI0603T5N1CT-LF	1	L1515
86	0900056200	0201stacked inductor (5. 6nH)	MGCI0603T5N6CT-LF	5	C1515, C1632, C1745, L1513, L1630
87	0900062200	0201stacked inductor (6. 2nH)	MGCI0603T6N2CT-LF	1	L1618
88	0900068200	0201stacked inductor (6. 8nH)	MGCI0603T6N8JT-LF	1	C1736
89	0900082200	0201stacked inductor (8. 2nH)	MGCI0603T8N2JT-LF	2	R1508, L1706
90	0900091200	0201stacked inductor (9. 1nH)	MGCI0603T9N1JT-LF	2	C1504, L1646
91	0900100200	0201stacked inductor (10nH)	MGCI0603T10NJT-LF	4	L1634, C1655, L1701, C1781
92	0900120200	0201stacked inductor (12nH)	MGCI0603T12NJT-LF	6	C1740, C1734, L1642, C1645, C1627, C1639
93	0900150200	0201stacked inductor (15nH)	MGCI0603T15NJT-LF	4	C1746, C1636, C1633, C1753
94	0900180200	0201stacked inductor (18nH)	MGCI0603T18NJT-LF	5	L1626, C1737, C1743, L1539, L1551
95	0900470200	0201stacked inductor (47nH)	MGCI0603T47NJT-LF	1	L1704
96	0605000021	TVS tube (DFN1610-2L, unidirectional, CJ =1200pF, VRWM=5V	PTVSHC2EN5VU	1	D1601
97	0800043000	0201ceramic capacitor (4. 3pF, $\pm 0. 1$ pF, 50V, COG)	C0201COG4R3B500NTA	2	L1509, L1647
	0800043002	0201ceramic capacitor (4. 3pF, $\pm 0. 1$ pF, 50V, COG)	V4R3B0201COG500NA*		
98	0900033200	0201stacked inductor (3. 3nH)	MGCI0603T3N3CT-LF	1	C1754

Item	Code	Description	Partnumber	Quantity	Reference
1	0101000059	MTK_6771TIntelligent baseband chip CA 6M, CAT7	MT6771V/CT	1	U201
3	0101200011	MTK Power management chip	MT6358W/A	1	U401
4	0101200009	MTK Power management chip	MT6370P/A	1	U301
5	0109000016	3A Single Cell Switching Battery Charger, Support BC1.2 Detection	RT9470/DWSC	1	U1451
6	0103100044	UFS+LPDDR4X (128GB+6GB)	KM2V8001CM-B707	1	U601
	0103100027	UFS+LPDDR4X (128GB+6GB)	H9HQ16AECMDAR-KEM		
	0103100026	UFS+LPDDR4X (128GB+6GB)	KM2V7001CM-B706		
	0103100082	UFS+LPDDR4X (128GB+6GB) MY	H9HQ16AECMDAR-KEM		
	0103100053	UFS+LPDDR4X (128GB+6GB) QN	SUVJG9HZZBD9FQOPR-053BT		
	0103100116	UFS+LPDDR4X (128GB+6GB)	MT29VZZZBD9FQKPR-046 W.G9J		
7	0310000013	Ambient Light Sensor and Proximity Sensor with Built-in IR LED	STK33562	1	U1002
8	0106200047	Ext. buck for UFS (VCCQ2)	ETA3451D2I	1	U2804
	0106200004	Ext. buck for VMD1	RT5715GQW		
	0106200017	2A High efficiency step-down converter	TLV62084DSGR		
9	0106000014	LDO (ADJ Adjustable voltage, 500mA)	RT9081AGQZA	1	U205
	0106000018	LDO (ADJ Adjustable voltage, 500mA)	SGM2037-ADJXUDX6G/TR		
10	0330000008	G-senser+Two-in-one sensor	ICM-40607	1	U1003
	0330000013	G-senser+Two-in-one sensor	BMI220		
	0330000003	G-senser+Two-in-one sensor	BMI120		
11	0390000011	Geomagnetic sensor	QMC6308-TR	1	U1314
12	0107000013	Audio power amplifier (4.3W@8 Ω, Intelligent power amplifier, DCDC)	AW87519FCR	1	U1160

Item	Code	Description	Partnumber	Quantity	Reference
1	0104040001	GPS+WIFI+BT+FM 4 and 1 chip	MT6631N/A	1	U2002
2	0108203200	1.5G/2.4G/5G triplexer	TP2012-A1255DAT/LF	1	F5001
	0108203100	1.5G/2.4G/5G triplexer	TPX205950MT-7110A1		
3	0520000010	SAW FILTER GPS/GLONASS/BEIDOU2	SAFFB1G56KB0F0A	1	U2003
	0520000039	Acoustic meter filter(GPS+GLONASS+beidou)	B39162B8813P810		
	0520000028	Acoustic meter filter(GPS+GLONASS+beidou)	SFHG89GA002		
4	0107200900	GPS low noise amplifier	MXDLN16G	1	U2004
	0107200500	GPS low noise amplifier	AR8159-S85UDG		
5	0605001700	Vensor Diode (1006, bidirectional, 0.3pF)	PESDUC2FD5VB	1	T2001
6	0800100000	0201ceramic capacitor(10pF, $\pm 5\%$, 25V, C0G)	C0201C0G100J250NTA	1	C2018
	0800100004	0201ceramic capacitor(10pF, $\pm 5\%$, 50V, C0G)	V100J0201C0G500NA*		
7	0800180000	0201ceramic capacitor(18pF, $\pm 5\%$, 25V, C0G)	C0201C0G180J250NTA	1	C2008
	0800180002	0201ceramic capacitor(18pF, $\pm 5\%$, 25V, C0G)	V180J0201C0G250NA*		
8	0800220004	0201ceramic capacitor(22pF, $\pm 5\%$, 50V, C0G)	C0201C0G220J500NTA	1	C2003
	0800220005	0201ceramic capacitor(22pF, $\pm 5\%$, 50V, C0G)	V220J0201C0G500NA*		
	0800330000	0201ceramic capacitor(33pF, $\pm 15\%$, 25V, C0G)	C0201C0G330L250NTA	1	C2002
	0800330003	0201ceramic capacitor(33pF, $\pm 5\%$, 25V, C0G)	CL03C330JA3NNNC		

Item	Code	Description	Partnumber	Quantity	Reference
1	0101100006	NFC chip	ST21NFCDXBGARA7	1	U1301
2	0700101000	0201resistance	RC0201JR-07100RL	2	R1329, R1332
	0700101002	0201resistance	R0201RXX101XJ20L*Z		
	0700101003	0201resistance	0201WMJ0101T*E		
	0700101100	0201resistance	R0201RXX101XJ20LHZ		
	0700101001	0201resistance	0201WMJ0101TCE		
3	0950770000	0402Winding inductance (77nH)	WL1005FS77NJTFM01	2	L1301, L1302
	0950770001	0402Winding inductance (77nH)	MWSD1005F77NJTM01		
4	0800561001	0201Ceramic capacitor (560pF, $\pm 10\%$, 25V, X7R)	0201B561K250NT	2	C1318, C1330
	0800561004	0201Ceramic capacitor (560pF, $\pm 10\%$, 50V, X7R)	C0201X7R561K500NTA		
	0800561005	0201Ceramic capacitor (560pF, $\pm 10\%$, 50V, X7R)	V561K0201X7R500NA*		
5	0800104000	0201Ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	C0201X5R104M6R3NTA	3	C1301, C1304, C1313
	0800104100	0201Ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	CC0201KRX5R5BB104		
	0800104002	0201Ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	0201X104M6R3NT		
	0800104007	0201Ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	V104M0201X5R6R3NA*		
	0800104003	0201Ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	0201X104K6R3NT		
	0800104008	0201Ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	C0201X5R104K6R3NTA		
	0800105000	0201Ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	C0201X5R105M6R3NTX	2	C1309, C1310
	0800105003	0201Ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	CLO3A105MQ3CNNC		
	0800105007	0201Ceramic capacitor (1uF, $\pm 20\%$, 6.3V, X5R)	V105M0201X5R6R3NX*		

Item	Code	Description	Partnumber	Manufacturer	Quantity	Reference
1	1002000060	Two out of three SIM connector (1.40H)	S163-5B22C13F	HRD	1	J903
2	1007002200	Antenna shrapnel (2.0)	818000377	ECT	6	ANT1701, ANT1705, ANT1721, ANT2001, ANT2002, ANT2003
3	1005000011	10pin BB female connector (narrow 0.8)	OK-23GF010-04	OCN	2	J1008, J1107
4	1005000012	24pin BB female connector (narrow 0.8)	OK-23GF024-04	OCN	2	CON1707, J707
5	1005000013	30pin BB female connector (narrow 0.8)	OK-23GF030-04	OCN	4	J1206, J1204, J701, J1201
6	1003000011	6pin BB battery connector(female, mate height 0.6H)	OK-35F006-04	OCN	1	J901
	1003000022	6pin BB battery connector(female, mate height 0.6H)	OK-35GF006-04	OCN		
7	1005000014	40pin BB female connector (narrow 0.8)	OK-23GF040-04	OCN	1	J906
8	1007000034	Antenna shrapnel (0.7)	818004111	ECT	11	ANT1103, ANT1104, ANT1702, ANT1703, ANT1704, ANT2004, ANT1301, ANT1302, ANT1722, ANT1723, ANT1724
9	1007004700	RF Coaxial connector (0.6H)	ECT818000500	ECT	1	J1601
10	1007003800	RF connector (3rd)	ECT818000291	ECT	2	J1701, J1602
	1007000030	RF connector (3rd)	818011998	ECT		
11	1100000680	M880 BB shielding cover	M880_BB_COVER_V2 HJLT	HJLT	1	Final assembly
12	1100000679	M880 BB shielding frame	M880_BB_FRAME_V2 HJLT	HJLT	1	SH1
13	1100000720	M880 PMU shielding cover	M880_CHARGE_COVER_V3 HJLT	HJLT	1	SH3
14	1100000665	M880 NFC shielding cover	M880_NFC_COVER_V1 HJLT	HJLT	1	SH7
15	1100000666	M880 PA shielding cover	M880_PA_COVER_V1 HJLT	HJLT	1	SH4
16	1100000682	M880 PMU shielding cover	M880_PMU_COVER_V2 HJLT	HJLT	1	Final assembly
	1100000775	M880 PMU shielding cover	M880_PMU_COVER_V3 HJLT	HJLT		
17	1100000681	M880 PMU shielding frame	M880_PMU_FRAME_V2 HJLT	HJLT	1	SH6
18	1100000669	M880 RF shielding cover	M880_RF_COVER_V1 HJLT	HJLT	1	SH5
19	1100000670	M880 WCN shielding cover	M880_WCN_COVER_V1 HJLT	HJLT	1	SH2

6	0800105008	0201Ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	V105M0201X5R6R3NJ*		
	0800105100	0201Ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	GRM033R60J105MEA2D		
	0800105009	0201Ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	CL03A105MQ3CSNC		
8	0800101004	0201Ceramic capacitor(100pF, ±5%, 50V, NP0)	CC0201JRNPO9BN101	2	C1319, C1324
	0800101009	0201Ceramic capacitor(100pF, ±5%, 50V, COG)	C0201C0G101J500NTA		
	0800101006	0201Ceramic capacitor(100pF, ±5%, 50V, COG)	V101J0201C0G500NAT		
9	0800181005	0201Ceramic capacitor(180pF, ±10%, 50V, X7R)	V181K0201X7R500NA*	2	C1326, C1328
	0800181004	0201Ceramic capacitor(180pF, ±10%, 50V, X7R)	C0201X7R181K500NTA		
	0800181100	0201Ceramic capacitor(180pF, ±10%, 50V, X7R)	CC0201KRX7R9BB181		
	0800181002	0201Ceramic capacitor(180pF, ±10%, 50V, X7R)	0201B181K500NT		
10	0800820002	0201Ceramic capacitor(82pF, ±5%, 25V, NP0)	CC0201JRNPO8BN820	2	C1327, C1329
	0800820100	0201Ceramic capacitor(82pF, ±2%, 25V, NP0)	CC0201GRNPO8BN820		
	0800820001	0201Ceramic capacitor(82pF, ±5%, 25V, COG)	0201CG820J250NT		
11	0700152300	0201resistance (1. 5k Ω, 1/20W, 25V, 1%)	RC0201FR-071K5L	1	R1330
	0700152005	0201resistance (1. 5k Ω, 1/20W, 25V, 1%)	R0201RXX152XF20L*Z		
	0700152006	0201resistance (1. 5k Ω, 1/20W, 25V, 1%)	0201WMF1501T*E		
	0700152200	0201resistance (1. 5k Ω, 1/20W, 25V, 1%)	R0201RXX152XF20LHZ		
	0700152002	0201resistance (1. 5k Ω, 1/20W, 25V, 1%)	0201WMF1501TCE		

12	0810225000	0402Ceramic capacitor (2. 2uF, $\pm 20\%$, 6. 3V, X5R)	C0402X5R225M6R3NTB	2	C1303, C1315
	0810225600	0402Ceramic capacitor (2. 2uF, $\pm 20\%$, 6. 3V, X5R)	CL05A225MQ5NNNC		
	0810225009	0402Ceramic capacitor (2. 2uF, $\pm 20\%$, 6. 3V, X5R)	V225M0402X5R6R3NB*		
	0810225012	0402Ceramic capacitor (2. 2uF, $\pm 20\%$, 6. 3V, X5R)	CL05A225MQ5NSNC		
	0810225500	0402Ceramic capacitor (2. 2uF, $\pm 20\%$, 6. 3V, X5R)	GRM155R60J225M*		
13	0810475000	0402Ceramic capacitor (4. 7uF, $\pm 20\%$, 6. 3V, X5R)	C0402X5R475M6R3NTC	2	C1302, C1314
	0810475200	0402Ceramic capacitor (4. 7uF, $\pm 20\%$, 6. 3V, X5R)	CL05A475MQ5NQNC		
	0810475004	0402Ceramic capacitor (4. 7uF, $\pm 20\%$, 6. 3V, X5R)	V475M0402X5R6R3NC*		
	0810475006	0402Ceramic capacitor (4. 7uF, $\pm 20\%$, 6. 3V, X5R)	CL05A475MQ5NRNC		
	0810475100	0402Ceramic capacitor (4. 7uF, $\pm 20\%$, 6. 3V, X5R)	GRM155R60J475ME87D		
14	0810106000	0402Ceramic capacitor (10uF, $\pm 30\%$, 6. 3V, X5R)	C0402X5R106N6R3NTC	1	C1312
	0810106100	0402Ceramic capacitor (10uF, $\pm 20\%$, 6. 3V, X5R)	GRM155R60J106M*		
	0810106005	0402Ceramic capacitor (10uF, $\pm 20\%$, 6. 3V, X5R)	V106M0402X5R6R3NC*		
15	0800560100	0201Ceramic capacitor (56pF, $\pm 2\%$, 50V, NP0)	CC0201GRNP09BN560	2	C1321, C1323
	0800560003	0201Ceramic capacitor (56pF, $\pm 5\%$, 50V, COG)	V560J0201C0G500NA*		
	0800560002	0201Ceramic capacitor (56pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN560		
	0800560001	0201Ceramic capacitor (56pF, $\pm 5\%$, 25V, COG)	0201CG560J250NT		

9	0800330001	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, C0G)	0201CG330J250NT		
	0800330004	0201ceramic capacitor (33pF, $\pm 5\%$, 50V, C0G)	V330J0201C0G500NAT		
	0800330005	0201ceramic capacitor (33pF, $\pm 15\%$, 25V, C0G)	V330L0201C0G250NA*		
	0800330002	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN330		
	0800330006	0201ceramic capacitor (33pF, $\pm 5\%$, 25V, C0G)	C0201C0G330J250NTA		
	0800330007	0201ceramic capacitor (33pF, $\pm 5\%$, 50V, C0G)	C0201C0G330J500NTA		
10	0800101009	0201ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	C0201C0G101J500NTA	3	C2005, C2012, C2015
	0800101006	0201ceramic capacitor (100pF, $\pm 5\%$, 50V, C0G)	V101J0201C0G500NAT		
	0800101004	0201ceramic capacitor (100pF, $\pm 5\%$, 50V, NP0)	CC0201JRNPO9BN101		
11	0800472001	0201ceramic capacitor (4.7nF, $\pm 20\%$, X5R, 16V)	C0201X5R472M160NT	1	C2007
	0800472000	0201ceramic capacitor (4.7nF, $\pm 20\%$, 16V, X7R)	C0201X7R472M160NTA		
	0800472002	0201ceramic capacitor (4.7nF, $\pm 10\%$, 16V, X7R)	0201B472K160NT		
	0800472003	0201ceramic capacitor (4.7nF, $\pm 20\%$, 16V, X5R)	V472M0201X5R160NA*		
	0800472100	0201ceramic capacitor (4.7nF, $\pm 10\%$, 16V, X7R)	CC0201KRX7R7BB472		
12	0800103000	0201ceramic capacitor (10nF, $\pm 20\%$, 16V, X5R)	C0201X5R103M160NTA	1	C2006
	0800103003	0201ceramic capacitor (10nF, $\pm 20\%$, 16V, X5R)	V103M0201X5R160NA*		
	0800103001	0201ceramic capacitor (10nF, $\pm 20\%$, 16V, X5R)	0201X103M160NT		
	0800103100	0201ceramic capacitor (10nF, $\pm 10\%$, 16V, X5R)	CC0201KRX5R7BB103		

13	0800104000	0201ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	C0201X5R104M6R3NTA	1	C2016
	0800104002	0201ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	0201X104M6R3NT		
	0800104003	0201ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	0201X104K6R3NT		
	0800104007	0201ceramic capacitor (100nF, $\pm 20\%$, 6.3V, X5R)	V104M0201X5R6R3NA*		
	0800104008	0201ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	C0201X5R104K6R3NTA		
	0800104100	0201ceramic capacitor (100nF, $\pm 10\%$, 6.3V, X5R)	CC0201KRX5R5BB104		
14	0810475001	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	C0402X5R475M100N*	1	C2004
	0810475005	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	V475M0402X5R100NC*		
	0810475002	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	GRM155R61A475M*		
	0810475003	0402ceramic capacitor (4.7uF, $\pm 20\%$, 10V, X5R)	CL05A475MP5NRNC		

15	0800105000	0201ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	CO201X5R105M6R3NTX	4	C2011, C2013, C2014, C2010
	0800105007	0201ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	V105M0201X5R6R3NX*		
	0800105008	0201ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	V105M0201X5R6R3NJ*		
	0800105100	0201ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	GRM033R60J105MEA2D		
	0800105009	0201ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	CL03A105MQ3CSNC		
	0800105003	0201ceramic capacitor(1uF, ±20%, 6. 3V, X5R)	CL03A105MQ3CNNC		
16	0700000000	0201Resistance(0 Ω, 1/20W, 25V, 5%)	RC0201JR-070RL	10	R2001, C2037, L2005, R2008, R2009, R2010, R2011, C2019, R2000, C2026
	0700000002	0201Resistance(0 Ω, 1/20W, 25V, 5%)	R0201JXX0000P20L*Z		
	0700000003	0201Resistance(0 Ω, 1/20W, 25V, 5%)	0201WMJ0000T*E		
	0700000100	0201Resistance(0 Ω, 1/20W, 25V, 5%)	R0201JXX0000P20LHZ		
	0700000001	0201Resistance(0 Ω, 1/20W, 25V, 5%)	0201WMJ0000TCE		
19	0710000000	0402Resistance(0 Ω, 1/16W, 50V, 5%)	RC0402JR-070R	1	R2007
	0710000100	0402Resistance(0 Ω, 1/16W, 50V, 5%)	R0402JXX0000P16LTA		
	0710000001	0402Resistance(0 Ω, 1/16W, 50V, 5%)	0402WGJ0000TCE		
20	0900082200	0201Laminated inductance(8. 2nH)	MGC10603T8N2JT-LF	2	L2008, C2023
21	0900820100	0201Laminated inductance(82nH)	MGC10603T82NJT-LF	1	R2004
22	0900101200	0201Laminated inductance(100nH)	MGC10603TR10JT-LF	1	C2035

13	0390000015	Analog output MEMS microphone(, Sensitivity38 ±1dB, 2. 75*1. 85*0. 9 mm)	MSM381A2718Z9EM2E	1	U101
	0106000020	LDO(2. 8V, 250mA, Ultra Low Noise and High PSRR LDO Regulators for RF and Analog Circuits)	SGM2033-2. 8XUDH4G/TR	1	U1201
15	0106000021	LDO(1. 8V, 250mA), for RF	SGM2033-1. 8XUDH4G/TR	2	U203, U1203
	0106000026	LDO(1. 8V, 250mA), for RF	WL2863D18-4/TR		
16	0402660008	26MHz Thermal crystal(2520-TSX)-Part2	EXS00A-CS11019	1	X801
	0402660009	26MHz Thermal crystal(2520-TSX)-Part2	CT2520DB26000C0FLZA1		
	0402660010	26MHz Thermal crystal(2520-TSX)-Part2	OZ26030001		
	0402660011	26MHz Thermal crystal(2520-TSX)-Part2	XTL5A1100-M118-132		
	0402660019	26MHz Thermal crystal(2520-TSX)-Part2	2Z26000007		
17	0740001000	1206 resistance(0. 01 Ω, 1/2W, 200V, 1%)	RL1206FR-7W0R01L	1	R918
	0740001005	1206 resistance(0. 01 Ω, 1/2W, 200V, 1%)	HP06W2F100MT5E		
	0740001100	1206 resistance(0. 01 Ω, 1/2W, 200V, 1%)	R1206GXXR010F02LTC		
18	0700000000	0201resistance(0 Ω, 1/20W, 25V, 5%)	RC0201JR-070RL	52	C306, L802, L803, L1001, R417, R418, R419, R420, R790, R805, R808, R810, R907, R908, R1011, R1014, R1017, R1018, R1019, R1024, R1026, R1028, R1062, R1067, R1068, R1071, R1101, R1104, R1123, R1213, R1252, R1254, R1255, R1256, R1162, R1163, R812, R941, R1082, R1081, R1002, R1020, R1171, R1172, R1769, R1089, R105, R114, R115, R116, R1222, R1221
	0700000002	0201resistance(0 Ω, 1/20W, 25V, 5%)	R0201JXX0000P20L*Z		
	0700000003	0201resistance(0 Ω, 1/20W, 25V, 5%)	0201WMJ0000T*E		
	0700000100	0201resistance(0 Ω, 1/20W, 25V, 5%)	R0201JXX0000P20LHZ		
	0700000001	0201resistance(0 Ω, 1/20W, 25V, 5%)	0201WMJ0000TCE		
19	0700010000	0201resistance(1 Ω, 1/20W, 25V, 5%)	RC0201JR-071RL	1	R702
	0700010002	0201resistance(1 Ω, 1/20W, 25V, 5%)	R0201RXX1ROXJ20L*Z		
	0700010003	0201resistance(1 Ω, 1/20W, 25V, 5%)	0201WMJ010JT*E		
	0700010100	0201resistance(1 Ω, 1/20W, 25V, 5%)	R0201RXX1ROXJ20LHZ		
	0700010001	0201resistance(1 Ω, 1/20W, 25V, 5%)	0201WMJ010JTCE		

20	0700047200	0201resistance(4.7 Ω, 1/20W, 25V, 1%)	RC0201FR-074R7L	2	R1030, R1031
	0700047005	0201resistance(4.7 Ω, 1/20W, 25V, 1%)	R0201RXX4R7XF20L*Z		
	0700047006	0201resistance(4.7 Ω, 1/20W, 25V, 1%)	0201WMF470KT*E		
	0700047300	0201resistance(4.7 Ω, 1/20W, 25V, 1%)	R0201RXX4R7XF20LHZ		
	0700047002	0201resistance(4.7 Ω, 1/20W, 25V, 1%)	0201WMF470KTCE		
21	0700330000	0201resistance(33 Ω, 1/20W, 25V, 5%)	RC0201JR-0733RL	10	R1050, R1051, R1052, R1053, R1054, R1055, B1113, B1115, R422, R423
	0700330002	0201resistance(33 Ω, 1/20W, 25V, 5%)	R0201RXX330XJ20L*Z		
	0700330003	0201resistance(33 Ω, 1/20W, 25V, 5%)	0201WMJ0330T*E		
	0700330100	0201resistance(33 Ω, 1/20W, 25V, 5%)	R0201RXX330XJ20LHZ		
	0700330001	0201resistance(33 Ω, 1/20W, 25V, 5%)	0201WMJ0330TCE		
22	0700604003	0201resistance(60.4 Ω, 1/20W, 25V, 1%)	RC0201FR-0760R4L	1	R501
	0700604004	0201resistance(60.4 Ω, 1/20W, 25V, 1%)	R0201RXX60R4F20L*Z		
	0700604005	0201resistance(60.4 Ω, 1/20W, 25V, 1%)	0201WMF604JT*E		
	0700604001	0201resistance(60.4 Ω, 1/20W, 25V, 1%)	R0201RXX60R4F20LHZ		
	0700604002	0201resistance(60.4 Ω, 1/20W, 25V, 1%)	0201WMF604JTCE		
23	0700151004	0201resistance(150 Ω, 1/20W, 25V, 1%)	RC0201FR-07150RL	3	R101, R102, R103
	0700151007	0201resistance(150 Ω, 1/20W, 25V, 1%)	R0201RXX151XF20L*Z		
	0700151008	0201resistance(150 Ω, 1/20W, 25V, 1%)	0201WMF1500T*E		
	0700151003	0201resistance(150 Ω, 1/20W, 25V, 1%)	R0201RXX151XF20LHZ		
	0700151002	0201resistance(150 Ω, 1/20W, 25V, 1%)	0201WMF1500TCE		
24	0700241000	0201resistance(240 Ω, 1/20W, 25V, 5%)	RC0201JR-07240RL	2	R601, R602
	0700241002	0201resistance(240 Ω, 1/20W, 25V, 5%)	R0201RXX241XJ20L*Z		
	0700241003	0201resistance(240 Ω, 1/20W, 25V, 5%)	0201WMJ0241T*E		
	0700241100	0201resistance(240 Ω, 1/20W, 25V, 5%)	R0201RXX241XJ20LHZ		
	0700241001	0201resistance(240 Ω, 1/20W, 25V, 5%)	0201WMJ0241TCE		
25	0700471000	0201resistance(470 Ω, 1/20W, 25V, 5%)	RC0201JR-07470RL	2	R1112, R1113
	0700471002	0201resistance(470 Ω, 1/20W, 25V, 5%)	R0201RXX471XJ20L*Z		
	0700471003	0201resistance(470 Ω, 1/20W, 25V, 5%)	0201WMJ0471T*E		
	0700471100	0201resistance(470 Ω, 1/20W, 25V, 5%)	R0201RXX471XJ20LHZ		
	0700471001	0201resistance(470 Ω, 1/20W, 25V, 5%)	0201WMJ0471TCE		
26	0700681000	0201resistance(680 Ω, 1/20W, 25V, 5%)	RC0201JR-07680RL	1	R901
	0700681002	0201resistance(680 Ω, 1/20W, 25V, 5%)	R0201RXX681XJ20L*Z		
	0700681003	0201resistance(680 Ω, 1/20W, 25V, 5%)	0201WMJ0681T*E		
	0700681100	0201resistance(680 Ω, 1/20W, 25V, 5%)	R0201RXX681XJ20LHZ		
	0700681001	0201resistance(680 Ω, 1/20W, 25V, 5%)	0201WMJ0681TCE		

27	0700102000	0201resistance(1k Ω , 1/20W, 25V, 5%)	RC0201JR-071KL	11	R920, R925, R1007, R1008, R1105, R1012, R1013, R1016, R1130, R1208, R1083
	0700102003	0201resistance(1k Ω , 1/20W, 25V, 5%)	R0201RXX102XJ20L*Z		
	0700102004	0201resistance(1k Ω , 1/20W, 25V, 5%)	0201WMJ0102T*E		
	0700102100	0201resistance(1k Ω , 1/20W, 25V, 5%)	R0201RXX102XJ20LHZ		
	0700102001	0201resistance(1k Ω , 1/20W, 25V, 5%)	0201WMJ0102TCE		
28	0700152300	0201resistance(1.5k Ω , 1/20W, 25V, 1%)	RC0201FR-071K5L	2	R820, R1106
	0700152005	0201resistance(1.5k Ω , 1/20W, 25V, 1%)	R0201RXX152XF20L*Z		
	0700152006	0201resistance(1.5k Ω , 1/20W, 25V, 1%)	0201WMF1501T*E		
	0700152200	0201resistance(1.5k Ω , 1/20W, 25V, 1%)	R0201RXX152XF20LHZ		
	0700152002	0201resistance(1.5k Ω , 1/20W, 25V, 1%)	0201WMF1501TCE		
29	0700472002	0201resistance(4.7k Ω , 1/20W, 25V, 1%)	RC0201FR-074K7L	1	R215
	0700472007	0201resistance(4.7k Ω , 1/20W, 25V, 1%)	R0201RXX472XF20L*Z		
	0700472008	0201resistance(4.7k Ω , 1/20W, 25V, 1%)	0201WMF4701T*E		
	0700472003	0201resistance(4.7k Ω , 1/20W, 25V, 1%)	R0201RXX472XF20LHZ		
	0700472004	0201resistance(4.7k Ω , 1/20W, 25V, 1%)	0201WMF4701TCE		
30	0707522002	0201resistance(7.5k Ω , 1/20W, 25V, 1%)	RC0201FR-077K5L	1	R804
	0707522006	0201resistance(7.5k Ω , 1/20W, 25V, 1%)	R0201RXX752XF20L*Z		
	0707522007	0201resistance(7.5k Ω , 1/20W, 25V, 1%)	0201WMF7501T*E		
	0707522001	0201resistance(7.5k Ω , 1/20W, 25V, 1%)	R0201RXX752XF20LHZ		
	0707522003	0201resistance(7.5k Ω , 1/20W, 25V, 1%)	0201WMF7501TCE		
31	0700103000	0201resistance(10k Ω , 1/20W, 25V, 5%)	RC0201JR-0710KL	6	R902, R1032, R1033, R1456, R1452, R1453
	0700103005	0201resistance(10k Ω , 1/20W, 25V, 5%)	R0201RXX103XJ20L*Z		
	0700103006	0201resistance(10k Ω , 1/20W, 25V, 5%)	0201WMJ0103T*E		
	0700103100	0201resistance(10k Ω , 1/20W, 25V, 5%)	R0201RXX103XJ20LHZ		
	0700103001	0201resistance(10k Ω , 1/20W, 25V, 5%)	0201WMJ0103TCE		
32	0700123002	0201resistance(12k Ω , 1/20W, 25V, 5%)	RC0201JR-0712KL	6	R301, R304, R305, R307, R817, R818
	0700123004	0201resistance(12k Ω , 1/20W, 25V, 5%)	R0201RXX123XJ20L*Z		
	0700123005	0201resistance(12k Ω , 1/20W, 25V, 5%)	0201WMJ0123T*E		
	0700123001	0201resistance(12k Ω , 1/20W, 25V, 5%)	R0201RXX123XJ20LHZ		
	0700123003	0201resistance(12k Ω , 1/20W, 25V, 5%)	0201WMJ0123TCE		
33	0700203003	0201resistance(20k Ω , 1/20W, 25V, 1%)	RC0201FR-0720KL	2	R1288, R1227
	0700203007	0201resistance(20k Ω , 1/20W, 25V, 1%)	R0201RXX203XF20L*Z		
	0700203008	0201resistance(20k Ω , 1/20W, 25V, 1%)	0201WMF2002T*E		
	0700203002	0201resistance(20k Ω , 1/20W, 25V, 1%)	R0201RXX203XF20LHZ		
	0700203004	0201resistance(20k Ω , 1/20W, 25V, 1%)	0201WMF2002TCE		

34	0700243002	0201resistance (24k Ω , 1/20W, 25V, 1%)	RC0201FR-0724KL	1	R921
	0700243007	0201resistance (24k Ω , 1/20W, 25V, 1%)	R0201RXX243XF20L*Z		
	0700243008	0201resistance (24k Ω , 1/20W, 25V, 1%)	0201WMF2402T*E		
	0700243003	0201resistance (24k Ω , 1/20W, 25V, 1%)	R0201RXX243XF20LHZ		
	0700243004	0201resistance (24k Ω , 1/20W, 25V, 1%)	0201WMF2402TCE		
35	0700333001	0201resistance (33K Ω , 1/20W, 25V, 1%)	RC0201FR-0733KL	2	R611, R0214
	0700333004	0201resistance (33K Ω , 1/20W, 25V, 1%)	R0201RXX333XF20L*Z		
	0700333005	0201resistance (33k Ω , 1/20W, 25V, 1%)	0201WMF3302T*E		
	0700333002	0201resistance (33K Ω , 1/20W, 25V, 1%)	R0201RXX333XF20LHZ		
	0700333003	0201resistance (33k Ω , 1/20W, 25V, 1%)	0201WMF3302TCE		
36	0700393200	0201resistance (39k Ω , 1/20W, 25V, 1%)	RC0201FR-0739KL	1	R803
	0700393005	0201resistance (39k Ω , 1/20W, 25V, 1%)	R0201RXX393XF20L*Z		
	0700393006	0201resistance (39k Ω , 1/20W, 25V, 1%)	0201WMF3902T*E		
	0700393300	0201resistance (39k Ω , 1/20W, 25V, 1%)	R0201RXX393XF20LHZ		
	0700393002	0201resistance (39k Ω , 1/20W, 25V, 1%)	0201WMF3902TCE		
37	0700473000	0201resistance (47k Ω , 1/20W, 25V, 5%)	RC0201JR-0747KL	5	R1009, R1125, R1241, R1004, R1202
	0700473005	0201resistance (47k Ω , 1/20W, 25V, 5%)	R0201RXX473XJ20L*Z		
	0700473006	0201resistance (47k Ω , 1/20W, 25V, 5%)	0201WMJ0473T*E		
	0700473100	0201resistance (47k Ω , 1/20W, 25V, 5%)	R0201RXX473XJ20LHZ		
	0700473001	0201resistance (47k Ω , 1/20W, 25V, 5%)	0201WMJ0473TCE		
38	0700513001	0201resistance (51k Ω , 1/20W, 25V, 1%)	RC0201FR-0751KL	2	R906, R923
	0700513004	0201resistance (51k Ω , 1/20W, 25V, 1%)	R0201RXX513XF20L*Z		
	0700513005	0201resistance (51k Ω , 1/20W, 25V, 1%)	0201WMF5102T*E		
	0700513002	0201resistance (51k Ω , 1/20W, 25V, 1%)	R0201RXX513XF20LHZ		
	0700513003	0201resistance (51k Ω , 1/20W, 25V, 1%)	0201WMF5102TCE		
39	0700623200	0201resistance (62k Ω , 1/20W, 25V, 1%)	RC0201FR-0762KL	2	R1617, R1226
	0700623004	0201resistance (62k Ω , 1/20W, 25V, 1%)	R0201RXX623XF20L*Z		
	0700623005	0201resistance (62k Ω , 1/20W, 25V, 1%)	0201WMF6202T*E		
	0700623300	0201resistance (62k Ω , 1/20W, 25V, 1%)	R0201RXX623XF20LTZ		
	0700623400	0201resistance (62k Ω , 1/20W, 25V, 1%)	0201WMF6202TCE		
40	0700104300	0201resistance (100K Ω , 1/20W, 25V, 1%)	RC0201FR-07100KL	6	R811, R909, R910, R922, R924, R610
	0700104005	0201resistance (100K Ω , 1/20W, 25V, 1%)	R0201RXX104XF20L*Z		
	0700104006	0201resistance (100k Ω , 1/20W, 25V, 1%)	0201WMF1003T*E		
	0700104200	0201resistance (100K Ω , 1/20W, 25V, 1%)	R0201RXX104XF20LHZ		
	0700104002	0201resistance (100k Ω , 1/20W, 25V, 1%)	0201WMF1003TCE		

41	0700204000	0201resistance (200K Ω , 1/20W, 25V, 5%)	RC0201JR-07200KL	1	R801
	0700204002	0201resistance (200K Ω , 1/20W, 25V, 5%)	R0201RXX204XJ20L*Z		
	0700204003	0201resistance (200k Ω , 1/20W, 25V, 5%)	0201WMJ0204T*E		
	0700204100	0201resistance (200K Ω , 1/20W, 25V, 5%)	R0201RXX204XJ20LHZ		
	0700204001	0201resistance (200k Ω , 1/20W, 25V, 5%)	0201WMJ0204TCE		
42	0700334200	0201resistance (330K Ω , 1/20W, 25V, 1%)	RC0201FR-07330KL	1	R802
	0700334005	0201resistance (330K Ω , 1/20W, 25V, 1%)	R0201RXX334XF20L*Z		
	0700334006	0201resistance (330k Ω , 1/20W, 25V, 1%)	0201WMF3303T*E		
	0700334300	0201resistance (330K Ω , 1/20W, 25V, 1%)	R0201RXX334XF20LHZ		
	0700334002	0201resistance (330k Ω , 1/20W, 25V, 1%)	0201WMF3303TCE		
43	0700394000	0201resistance (390K Ω , 1/20W, 25V, 1%)	RC0201FR-07390KL	1	R1021
	0700394002	0201resistance (390K Ω , 1/20W, 25V, 1%)	R0201RXX394XF20L*Z		
	0700394003	0201resistance (390k Ω , 1/20W, 25V, 1%)	0201WMF3903T*E		
	0700394100	0201resistance (390K Ω , 1/20W, 25V, 1%)	R0201RXX394XF20LHZ		
	0700394001	0201resistance (390k Ω , 1/20W, 25V, 1%)	0201WMF3903TCE		
44	0710000000	0402resistance (0 Ω , 1/16W, 50V, 5%)	RC0402JR-070R	4	R700, R911, R7, R16
	0710000100	0402resistance (0 Ω , 1/16W, 50V, 5%)	R0402JXX0000P16LTA		
	0710000001	0402resistance (0 Ω , 1/16W, 50V, 5%)	0402WGJ0000TCE		
45	0601000020	0603 Magnetic beads (500 Ω , $\pm 25\%$, 950mA)	MZAS1608K501 -R95TF	2	B1161, B1162
46	0300000100	NTC Thermal hold resistance (100K)	NCP15WF104F03RC	1	NTC1001
	0300000500	Sheet negative temperature coefficient NTC thermal resistance	NTCG104EF104FT*		
47	0601001200	0402 Magnetic beads (1.8K Ω)	BLM15HD182SN1D*	6	B1101, B1102, B1105, B1106, B1114, B1108
	0601001400	0402 Magnetic beads (1.8K Ω)	HZ1005K182TF		
48	0601000100	0402 Magnetic beads (1K Ω)	BLM15BD102SN1*	4	B801, B1107, B1111, B1112
	0601000900	0402 Magnetic beads (1K Ω)	GZ1005D102CTF		
49	0800220004	0201Ceramic capacitor (22pF, $\pm 5\%$, 50V, COG)	C0201C0G220J500NTA	6	C1010, C1248, C927, C1137, C1250, C1249
	0800220005	0201Ceramic capacitor (22pF, $\pm 5\%$, 50V, COG)	V220J0201C0G500NA*		
50	0800330000	0201Ceramic capacitor (33pF, $\pm 15\%$, 25V, COG)	C0201C0G330L250NTA	19	C925, C1052, C1053, C1058, C1070, C1102, C1103, C1104, C1105, C1109, C1110, C1135, C1136, C1055, C1059, C1158, C1161, C1004, C1028
	0800330003	0201Ceramic capacitor (33pF, $\pm 5\%$, 25V, COG)	CL03C330JA3NNNC		
	0800330001	0201Ceramic capacitor (33pF, $\pm 5\%$, 25V, COG)	0201CG330J250NT		
	0800330004	0201Ceramic capacitor (33pF, $\pm 5\%$, 50V, COG)	V330J0201C0G500NAT		
	0800330005	0201Ceramic capacitor (33pF, $\pm 15\%$, 25V, COG)	V330L0201C0G250NA*		
	0800330002	0201Ceramic capacitor (33pF, $\pm 5\%$, 25V, NP0)	CC0201JRNPO8BN330		
	0800330006	0201Ceramic capacitor (33pF, $\pm 5\%$, 25V, COG)	C0201C0G330J250NTA		
	0800330007	0201Ceramic capacitor (33pF, $\pm 5\%$, 50V, COG)	C0201C0G330J500NTA		

51	0800101004	0201Ceramic capacitor (100pF, ±5%, 50V, NP0)	CC0201JRNPO9BN101	10	C1120, C1101, C1016, C1024, C1186, C1157, C1244, C1029, C0698, C939
	0800101009	0201Ceramic capacitor (100pF, ±5%, 50V, COG)	C0201COG101J500NTA		
	0800101006	0201Ceramic capacitor (100pF, ±5%, 50V, COG)	V101J0201COG500NAT		
52	0800221001	0201Ceramic capacitor (220pF, ±20%, 25V, X5R)	C0201X5R221M250NTA	1	C1168
	0800221000	0201Ceramic capacitor (220pF, ±20%, 50V, X7R)	C0201X7R221M500NTA		
	0800221100	0201Ceramic capacitor (220pF, ±10%, 50V, X7R)	CC0201KRX7R9BB221		
	0800221002	0201Ceramic capacitor (220pF, ±10%, 50V, X7R)	0201B221K500NT		
	0800221003	0201Ceramic capacitor (220pF, ±10%, 50V, X7R)	V221K0201X7R500NAT		
53	0800331000	0201Ceramic capacitor (330pF, ±5%, 25V, X7R)	C0201X7R331J250NTA	4	C903, C904, C1169, C1170
	0800331001	0201Ceramic capacitor (330pF, ±10%, 50V, X7R)	V331K0201X7R500NA*		
	0800331002	0201Ceramic capacitor (330pF, ±5%, 50V, X7R)	V331J0201X7R500NA*		
54	0800102000	0201Ceramic capacitor (1nF, ±20%, 16V, X7R)	C0201X7R102M160NTA	3	C813, C1140, C1130
	0800102002	0201Ceramic capacitor (1nF, ±10%, 16V, X7R)	0201B102K160NT		
	0800102003	0201Ceramic capacitor (1nF, ±20%, 16V, X7R)	V102M0201X7R160NA*		
	0800102100	0201Ceramic capacitor (1nF, ±10%, 16V, X7R)	CC0201KRX7R7BB102		
	0800102001	0201Ceramic capacitor (1nF, ±20%, 16V, X5R)	C0201X5R102M160NT		
55	0810223007	0402Ceramic capacitor (22nF, ±10%, 25V, X5R)	C0402X5R223M250NTB	1	C3241
	0810223008	0402Ceramic capacitor (22nF, ±10%, 25V, X5R)	0402X223K250NT		
	0810223001	0402Ceramic capacitor (22nF, ±10%, 50V, X7R)	GRM155R71H223K*		
	0810223003	0402Ceramic capacitor (22nF, ±10%, 50V, X7R)	CL05B223KB5NNNC		
56	0800473001	0201Ceramic capacitor (47nF, ±30%, 16V, X5R)	C0201X5R473N160NTA	2	C913, C1455
	0800473005	0201Ceramic capacitor (47nF, ±20%, 16V, X5R)	C0201X5R473M160NTA		
	0800473003	0201Ceramic capacitor (47nF, ±10%, 16V, X5R)	0201X473K160NT		
	0800473006	0201Ceramic capacitor (47nF, ±20%, 16V, X5R)	V473M0201X5R160NA*		
	0800473002	0201Ceramic capacitor (47nF, ±10%, 16V, X5R)	CL03A473K03NNNC		
57	0800104000	0201Ceramic capacitor (100nF, ±20%, 6.3V, X5R)	C0201X5R104M6R3NTA	63	C110, C111, C149, C150, C153, C154, C155, C156, C203, C204, C206, C207, C208, C210, C214, C215, C217, C219, C256, C257, C258, C259, C260, C266, C267, C268, C269, C270, C304, C601, C602, C604, C605, C608, C636, C713, C715, C805, C812, C1013, C1054, C1162, C1164, C1172, C1173, C1209, C1214, C1215, C1229, C1242, C1247, C109, C1025, C1851, C1821, C1124, C1260, C1615, C1287, R1122, C2711, C234, C0632
	0800104002	0201Ceramic capacitor (100nF, ±20%, 6.3V, X5R)	0201X104M6R3NT		
	0800104003	0201Ceramic capacitor (100nF, ±10%, 6.3V, X5R)	0201X104K6R3NT		
	0800104007	0201Ceramic capacitor (100nF, ±20%, 6.3V, X5R)	V104M0201X5R6R3NA*		
	0800104100	0201Ceramic capacitor (100nF, ±10%, 6.3V, X5R)	CC0201KRX5R5BB104		
	0800104008	0201Ceramic capacitor (100nF, ±10%, 6.3V, X5R)	C0201X5R104K6R3NTA		

58	0800105000	0201Ceramic capacitor (1uF, ±20%, 6.3V, X5R)	C0201X5R105M6R3NTX	161	B1103, B1104, R1120, R1121, C112, C113, C120, C121, C133, C134, C135, C136, C137, C140, C141, C142, C143, C145, C151, C152, C161, C162, C163, C164, C165, C168, C169, C170, C171, C175, C176, C177, C178, C179, C180, C181, C182, C185, C186, C187, C188, C189, C190, C191, C195, C196, C197, C198, C205, C209, C212, C213, C216, C220, C221, C223, C225, C261, C262, C263, C265, C271, C272, C301, C302, C303, C305, C609, C610, C611, C612, C613, C614, C616, C617, C618, C619, C620, C621, C625, C626, C627, C628, C629, C630, C709, C714, C716, C717, C719, C720, C721, C723, C724, C726, C727, C728, C729, C730, C731, C732, C733, C734, C736, C737, C738, C748, C801, C803, C804, C811, C814, C815, C819, C907, C908, C909, C910, C915, C1007, C1011, C1048, C1060, C1062, C1163, C1201, C1202, C1210, C1211, C1213, C1218, C1219, C1227, C1230, C1231, C1234, C1012, C1047, C1056, C1057, C632, C1027, C1030, C1861, C1852, C1853, B1109, B1110, C1225, C1612, C1613, C1614, C1285, C1286, C1236, C1252, C1261, C280, C281, C1115, C1123
	0800105100	0201Ceramic capacitor (1uF, ±20%, 6.3V, X5R)	GRM033R60J105MEA2D		
	0800105007	0201Ceramic capacitor (1uF, ±20%, 6.3V, X5R)	V105M0201X5R6R3NX*		
	0800105008	0201Ceramic capacitor (1uF, ±20%, 6.3V, X5R)	V105M0201X5R6R3NJ*		
	0800105003	0201Ceramic capacitor (1uF, ±20%, 6.3V, X5R)	CL03A105MQ3CNNC		
	0800105009	0201Ceramic capacitor (1uF, ±20%, 6.3V, X5R)	CL03A105MQ3CSNC		
59	0810101000	0402Ceramic capacitor (100pF, ±5%, 50V, C0G)	GRM1555C1H101J*	1	C938
	0810101200	0402Ceramic capacitor (100pF, ±5%, 50V, C0G)	C0402C0G101J500NTB		
	0810101100	0402Ceramic capacitor (100pF, ±5%, 50V, NP0)	CC0402JRNPO9BN101		
	0810101002	0402Ceramic capacitor (100pF, ±5%, 50V, C0G)	V101J0402C0G500NB*		
	0810101001	0402Ceramic capacitor (100pF, ±5%, 50V, C0G)	0402CG101J500NT		
60	0810225000	0402Ceramic capacitor (2.2uF, ±20%, 6.3V, X5R)	C0402X5R225M6R3NTB	19	C606, C607, C635, C708, C710, C711, C712, C722, C741, C742, C743, C744, C745, C755, C816, C905, C1204, C1361, C282
	0810225500	0402Ceramic capacitor (2.2uF, ±20%, 6.3V, X5R)	GRM155R60J225M*		
	0810225009	0402Ceramic capacitor (2.2uF, ±20%, 6.3V, X5R)	V225M0402X5R6R3NB*		
	0810225012	0402Ceramic capacitor (2.2uF, ±20%, 6.3V, X5R)	CL05A225MQ5NSNC		
	0810225600	0402Ceramic capacitor (2.2uF, ±20%, 6.3V, X5R)	CL05A225MQ5NNNC		
61	0810475001	0402Ceramic capacitor (4.7uF, ±20%, 10V, X5R)	C0402X5R475M100N*	30	C603, C703, C735, C740, C746, C752, C754, C757, C759, C817, C818, C906, C917, C1050, C1160, C1165, C1220, C1228, C1237, C1238, C1243, C685, C686, R1124, C687, C688, C689, C690, C1026, C1453
	0810475002	0402Ceramic capacitor (4.7uF, ±20%, 10V, X5R)	GRM155R61A475M*		
	0810475005	0402Ceramic capacitor (4.7uF, ±20%, 10V, X5R)	V475M0402X5R100NC*		
	0810475003	0402Ceramic capacitor (4.7uF, ±20%, 10V, X5R)	CL05A475MP5NRNC		

62	0810106000	0402Ceramic capacitor (10uF, $\pm 30\%$, 6.3V, X5R)	C0402X5R106N6R3NTC	13	C749, C750, C751, C753, C758, C912, C1167, C1159, C1203, C1284, C1166, C0631, C0699
	0810106100	0402Ceramic capacitor (10uF, $\pm 20\%$, 6.3V, X5R)	GRM155R60J106M*		
	0810106005	0402Ceramic capacitor (10uF, $\pm 20\%$, 6.3V, X5R)	V106M0402X5R6R3NC*		
63	0820225001	0603Ceramic capacitor (2.2uF, $\pm 20\%$, 50V, X5R)	C0603X5R225M500NTK	2	C901, C923
	0820225003	0603Ceramic capacitor (2.2uF, $\pm 20\%$, 50V, X5R)	CL10A225KB8NNNC		
	0820225012	0603Ceramic capacitor (2.2uF, $\pm 20\%$, 50V, X5R)	V225M0603X5R500NK*		
	0820225002	0603Ceramic capacitor (2.2uF, $\pm 20\%$, 50V, X5R)	GRM188R61H225KE11D		
64	0820475901	0603Ceramic capacitor (4.7uF, $\pm 20\%$, 16V, X5R)	C0603X5R475M160NTK	2	C911, C916
	0820475902	0603Ceramic capacitor (4.7uF, $\pm 20\%$, 16V, X5R)	GRM188R61C475KAAJD		
	0820475914	0603Ceramic capacitor (4.7uF, $\pm 20\%$, 16V, X5R)	V475M0603X5R160ND*		
	0820475903	0603Ceramic capacitor (4.7uF, $\pm 20\%$, 16V, X5R)	CL10A475K08NNNC		
65	0820106300	0603Ceramic capacitor (10uF, $\pm 20\%$, 10V, X5R)	C0603X5R106M100N*	6	C194, C919, C920, C921, C922, C1452
	0820106301	0603Ceramic capacitor (10uF, $\pm 20\%$, 10V, X5R)	GRM188R61A106ME69D		
	0820106011	0603Ceramic capacitor (10uF, $\pm 20\%$, 10V, X5R)	V106M0603X5R100NK*		
	0820106401	0603Ceramic capacitor (10uF, $\pm 20\%$, 10V, X5R)	CL10A106MP8NNNC		
66	0820226100	0603Ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	C0603X5R226M6R3NT	27	C131, C132, C138, C139, C167, C173, C174, C183, C184, C192, C193, C615, C701, C702, C704, C756, C806, C914, C918, C924, C1208, C1207, C1216, C1217, C1235, C0901, C0697
	0820226200	0603Ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	GRM188R60J226M*		
	0820226006	0603Ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	V226M0603X5R6R3NK*		
	0820226002	0603Ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	CL10A226MQ8NNRC		
	0820226009	0603Ceramic capacitor (22uF, $\pm 20\%$, 6.3V, X5R)	JDK107BBJ226MA -T		
67	0830106001	0805Ceramic capacitor (10uF, $\pm 10\%$, 16V, X5R)	CL21A106KOQNNNE	2	C1807, C1820
	0830106002	0805Ceramic capacitor (10uF, $\pm 20\%$, 16V, X5R)	V106M0805X5R160NH*		
68	0970471007	Winding power inductance (0.47uH, $\pm 20\%$, 2016-10, Max/Typ: 5.5/6A, 25/22m Ω)	WPN201610UFR47MT	4	L701, L702, L707, L708
69	0970100012	Winding power inductance (1.0uH, 2016-10, Max/Typ: 4.4/4.0A, 42/37m Ω)	MPIM201610FIROM-LF	2	L704, L1451
	0970100013	Winding power inductance (1.0uH, $\pm 20\%$, 2016-10, Max/Typ: 4.6/4.9A, 46/42m Ω)	MWTC201610S1ROMT		
	0970100011	Winding power inductance (1.0uH, $\pm 20\%$, 2016-10, Max/Typ: 4.0/4.5A, 47/40m Ω)	WPN201610UFIROMT		
70	0970100007	Winding power inductance (1.0uH, 2520-10, Max/Typ: 4.1/4.6A, 50/42m Ω)	WPN252010U1ROMT	6	L703, L705, L706, L709, L905, L1101
	0970100008	Winding power inductance (1.0uH, 2520-10, Max/Typ: 4.5/5.0A, 27/23m Ω)	MPIM252010FIROM-LF		
71	0970222004	Winding power inductance (2.2uH, $\pm 20\%$, 2520-10)	CIGT252010EH2R2MNE	1	L908
	0970222003	Winding power inductance (2.2uH, $\pm 20\%$, 2520-10)	WLPSMD252010A2R2M-QL		

72	0970222009	Winding power inductance (2. 2uH, ±20%, 2016-10, Max/Typ:3. 8/4. 2A, 135/123m Ω)	MWTC201610S2R2MT	1	L601
	0970222010	Winding power inductance (2. 2uH, ±20%, 2016-10, Max/Typ:2. 4/2. 7A, 102/90m Ω)	WLPSMH201610A2R2M-QC		
73	0970104800	Winding power inductance (10uH, 2520-10)	SPH252010H100MT	1	L906
	0970104900	Winding power inductance (10uH, 2520-10)	MP1T252010-100M-LF		
74	0200000000	Schottky diode	1PS79SB30	2	D801, D902
	0200000500	Schottky diode	SDM20U40		
	0200000001	Schottky diode	PSBD521S-40		
75	0605000001	Two-in-one TVS (A one-way, 0. 55pF, 5V, no surge)	AZ5315-02F. R7G	10	T1002, T1004, T1005, T1013, T1014, T1015, T1018, T1120, T1121, T1122
	0605000002	Two-in-one TVS (A one-way, 0. 4pF, 5V, surge 4A)	ESD5302N-3/TR		
	0605000003	Two-in-one TVS (A one-way, 0. 9pF, 5V, no surge)	PESDUC3FD5VU		
76	0605000016	TRANSIENT VOLTAGE SUPPRESSOR, Electrostatic Discharge (DFN1006-2L, 5V, 15pF, single, Bidirectional configurations, no surge, 1. 075*0. 675*0. 4)	PESDNC2FD5VBS	12	T1003, T1006, T1008, T1016, T1019, T1101, T1102, T3, T1009, T1023, T1, T2
	0605001600	Pressure sensitive diode (1006, 双向, 15pF)	PESDNC2FD5VB		
	0605000028	TRANSIENT VOLTAGE SUPPRESSOR, Electrostatic Discharge (DFN1006-2L, 5V, 15pF, single, Bidirectional configurations, no surge, 1. 075*0. 675*0. 4)	PESDTC5VB		
	0605001400	Pressure sensitive diode (1006, two-way, 11pF)	PESD5V0V1BL		
77	0605000013	TVS diode (two-way, Cj=350pF, VRWM=4. 5V, VBR=4. 6V, Ipp=150A, 1200W, Vcl=13V)	PTVSHC2EN4V5B	1	D903
78	0605000051	TVS diode (two-way, Cj=650pF, VRWM=4. 8V, Ipp=180A, Vcl=9V)	PTVSHC2EN4V8UF	3	D904, D905, D906
79	0605000022	TVS diode (SOD323, Cj=450pF, VRWM=12V, VBR=14V&It=1mA, IPP=80A, 2000W)	PTVSHC3D12VUH	1	T1007
	0605000005	TVS diode (two-way, Cj=400pF, VRWM=12V, VBR=15V, Ipp=50A, Vcl=16V)	ESD5621W-2/TR		

80	1200000239	M880 A3 motherboard PCB	HCT-M880MB-A3 WZ	1	
81	0601000005	0402 Magnetic beads 600 Ω , $\pm 25\%$, 300mA)	MGGB1005M601HT-LF	1	L907
82	0210000017	The flash (2016LED, 280 1m@1000mA, 5500 - 6500K@1000mA)	FD22B	1	D1201
83	0212000200	Three color LED	AOT-1615-3D-RGB01-Z-H	1	D1
84	0106003900	LDO (3. 3V, 300mA)	SGM2036-3. 3YUDH4G/TR	2	U3, U1004
	0106000003	LDO (3. 3V, 300mA)	WL2810D33-4/TR		
85	0605000012	Pressure sensitive diode (bidirectional, 0. 25PF, 0201 package)	ESD5311Z-2/TR	1	T1012
	0605000033	TVS tube (two-way, Cj=0. 42pF, VRWM=5V, VBR=7V, Ipp=4. 2A, 40W, Vcl=14V)	PESDMC2XD5VB		
86	0820106001	0603Ceramic capacitor (10uF, $\pm 20\%$, 25V, X5R)	GRM188R61E106MA73D	2	C1818, C1819
	0820106002	0603Ceramic capacitor (10uF, $\pm 20\%$, 25V, X5R)	CL10A106MA8NRNC		
	0820106003	0603Ceramic capacitor (10uF, $\pm 20\%$, 25V, X5R)	C0603X5R106M250NTK		
	0820106012	0603Ceramic capacitor (10uF, $\pm 20\%$, 25V, X5R)	V106M0603X5R250NK*		