

PCBA BOM

T09B-02-NE1010-C-Z-V1.3 (WCDMAB18)

No.	part number	Description		pcs	bit number	Note
1	1001000010	resistance, 0ohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	13	R1424 R1425 R1428 R1429 R1609 R1604 R1621 R1651 R1702 R1764 R2 R6 R9	
replacement	1001000011	resistance, 0ohm, ±5%, 1/16W, 0201, CR05-000-ZK, ASJ	ASJ			
replacement	1001000012	resistance, 0ohm, ±5%, 1/16W, 0201, Housheng	Housheng			
2	1001000020	resistance, 27ohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	2	R1667 R1671	
replacement	1001000021	resistance, 27ohm, ±5%, 1/16W, 0201, CR05-270-JK, ASJ	ASJ			
replacement	1001000022	resistance, 27ohm, ±5%, 1/16W, 0201, Housheng	Housheng			
3	1001000030	resistance, 36ohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	1	R1665	
replacement	1001000031	resistance, 36ohm, ±5%, 1/16W, 0201, CR05-360-JK, ASJ	ASJ			
replacement	1001000032	resistance, 36ohm, ±5%, 1/16W, 0201, Housheng	Housheng			
4	1001000040	resistance, 100ohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	2	R1507 R1508	
replacement	1001000041	resistance, 100ohm, ±5%, 1/16W, 0201, CR05-101-JK, ASJ	ASJ			
replacement	1001000042	resistance, 100ohm, ±5%, 1/16W, 0201, Housheng	Housheng			
5	1001000050	resistance, 470ohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	2	R1527 R1528	
replacement	1001000051	resistance, 470ohm, ±5%, 1/16W, 0201, CR05-471-JK, ASJ	ASJ			
replacement	1001000052	resistance, 470ohm, ±5%, 1/16W, 0201, Housheng	Housheng			
6	1001000060	resistance, 1Kohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	4	R1623 R1607 R1608 R1603	
replacement	1001000061	resistance, 1Kohm, ±5%, 1/16W, 0201, CR05-102-JK, ASJ	ASJ			
replacement	1001000062	resistance, 1Kohm, ±5%, 1/16W, 0201, Housheng	Housheng			
7	1001000070	resistance, 1.5Kohm, ±1%, 1/16W, 0201, KOA, Guoju	Guoju	1	R1202	
replacement	1001000071	resistance, 1.5Kohm, ±1%, 1/16W, 0201, CR05-1501-FK, ASJ	ASJ			
replacement	1001000072	resistance, 1.5Kohm, ±1%, 1/16W, 0201, Housheng	Housheng			
8	1001000080	resistance, 5.1Kohm, ±1%, 1/16W, 0201, KOA, Guoju	Guoju	1	R1203	
replacement	1001000081	resistance, 5.1Kohm, ±1%, 1/16W, 0201, CR05-5101-FK, ASJ	ASJ			
replacement	1001000082	resistance, 5.1Kohm, ±1%, 1/16W, 0201, Housheng	Housheng			
9	1001000310	resistance, 10Kohm, ±5%, 1/16W, 0201, KOA, Guoju	Guoju	5	R1612 R10 R12 R13 R15	
replacement	1001000311	resistance, 10Kohm, ±5%, 1/16W, 0201, CR05-103-JK, ASJ	ASJ			
replacement	1001000312	resistance, 10Kohm, ±5%, 1/16W, 0201, Housheng	Housheng			
10	1001000090	resistance, 24Kohm, ±1%, 1/16W, 0201, KOA, Guoju	Guoju	1	R1620	
replacement	1001000091	resistance, 24Kohm, ±1%, 1/16W, 0201, CR05-2402-FK, ASJ	ASJ			
replacement	1001000092	resistance, 24Kohm, ±1%, 1/16W, 0201, Housheng	Housheng			
11	1001000100	resistance, 100Kohm, ±1%, 1/16W, 0201, KOA, Guoju	Guoju	1	R1644	
replacement	1001000101	resistance, 100Kohm, ±1%, 1/16W, 0201, CR05-1003-FK, ASJ	ASJ			

replacement	1001000102	resistance, 100Kohm, $\pm 1\%$ , 1/16W, 0201, Housheng	Housheng		
12	1001000110	resistance, 0ohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	11	R1301 R1504 R1503 R1513 L1502 L1630 R1719 C1743 R2054 B1305 B1306
replacement	1001000111	resistance, 0ohm, $\pm 5\%$ , 1/16W, 0402, CR10-000-ZK, ASJ	ASJ		
replacement	1001000112	resistance, 0ohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
13	1001000120	resistance, 0ohm, $\pm 5\%$ , 1/16W, 0603, KOA, Guoju	Guoju	2	R1456 B1900
replacement	1001000121	resistance, 0ohm, $\pm 5\%$ , 1/16W, 0603, CR16-000-ZL, ASJ	ASJ		
replacement	1001000122	resistance, 0ohm, $\pm 5\%$ , 1/16W, 0603, Housheng	Housheng		
14	1001000130	resistance, 0.2ohm, $\pm 1\%$ , 1/8W, 0805, KOA, Guoju	Guoju	1	R1328
replacement	1001000131	resistance, 0.2ohm, $\pm 1\%$ , 1/8W, 0805, CR21-0R20-FL, ASJ	ASJ		
replacement	1001000132	resistance, 0.2ohm, $\pm 1\%$ , 1/8W, 0805, Housheng	Housheng		
14	1001000720	resistance, 0.68ohm, $\pm 1\%$ , 1/8W, 0805, KOA, Guoju	Guoju	1	R1804
replacement	1001000721	resistance, 0.68ohm, $\pm 1\%$ , 1/8W, 0805, CR21-0R68-FL, ASJ	ASJ		
replacement	1001000722	resistance, 0.68ohm, $\pm 1\%$ , 1/8W, 0805, Housheng	Housheng		
15	1001000140	resistance, 6.2ohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1964
replacement	1001000141	resistance, 6.2ohm, $\pm 1\%$ , 1/16W, 0402, CR10-6R20-FK, ASJ	ASJ		
replacement	1001000142	resistance, 6.2ohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
17	1001000160	resistance, 51ohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1664
replacement	1001000161	resistance, 51ohm, $\pm 5\%$ , 1/16W, 0402, CR10-510-JK, ASJ	ASJ		
replacement	1001000162	resistance, 51ohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
18	1001000170	resistance, 240ohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	2	R1422 R1446
replacement	1001000171	resistance, 240ohm, $\pm 1\%$ , 1/16W, 0402, CR10-2400-FK, ASJ	ASJ		
replacement	1001000172	resistance, 240ohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
19	1001000180	resistance, 1Kohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	7	R1317 R1316 R1518 R1519 R1516 R1517 R1312
replacement	1001000181	resistance, 1Kohm, $\pm 5\%$ , 1/16W, 0402, CR10-102-JK, ASJ	ASJ		
replacement	1001000182	resistance, 1Kohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
20	1001000190	resistance, 1.5Kohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	3	R1521 R1520 R1515
replacement	1001000191	resistance, 1.5Kohm, $\pm 1\%$ , 1/16W, 0402, CR10-1501-FK, ASJ	ASJ		
replacement	1001000192	resistance, 1.5Kohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
21	1001000200	resistance, 2K ohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju,	Guoju	1	R1688
replacement	1001000201	resistance, 2K ohm, $\pm 1\%$ , 1/16W, 0402, CR10-2001-FK, ASJ	ASJ		
replacement	1001000202	resistance, 2K ohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
22	1001000210	resistance, 3.3Kohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju,	Guoju	1	R1331
replacement	1001000211	resistance, 3.3Kohm, $\pm 5\%$ , 1/16W, 0402, CR10-332-JK, ASJ	ASJ		
replacement	1001000212	resistance, 3.3Kohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		

23	1001000220	resistance, 4.7Kohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju,	Guoju	4	R1204 R1244 R1235 R1236
replacement	1001000221	resistance, 4.7Kohm, $\pm 5\%$ , 1/16W, 0402, CR10-472-JK, ASJ	ASJ		
replacement	1001000222	resistance, 4.7Kohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
24	1001000230	resistance, 8.2Kohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	2	R1445 R1421
replacement	1001000231	resistance, 8.2Kohm, $\pm 1\%$ , 1/16W, 0402, CR10-8201-FK, ASJ	ASJ		
replacement	1001000232	resistance, 8.2Kohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
25	1001000240	resistance, 10Kohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	5	R1988 R1900 R1983 R1902 R4
replacement	1001000241	resistance, 10Kohm, $\pm 5\%$ , 1/16W, 0402, CR10-103-JK, ASJ	ASJ		
replacement	1001000242	resistance, 10Kohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
26	1001000900	thermosensitive resistance, 10Kohm, $\pm 1\%$ at 25°C, 100mW, 0402, NCP15XH103F03RC, MURATA	MURATA	1	R1388
replacement	1001000901	thermosensitive resistance, 10Kohm, $\pm 1\%$ at 25°C, 100mW, 0402, SDNT1005X103F3380FTF, SUNLORD	SUNLORD		
27	1001000250	resistance, 16.9K ohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1334
replacement	1001000251	resistance, 16.9K ohm, $\pm 1\%$ , 1/16W, 0402, CR10-1692-FK, ASJ	ASJ		
replacement	1001000252	resistance, 16.9K ohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
28	1001000260	resistance, 27K ohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1335
replacement	1001000261	resistance, 27K ohm, $\pm 1\%$ , 1/16W, 0402, CR10-2702-FK, ASJ	ASJ		
replacement	1001000262	resistance, 27K ohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
29	1001000270	resistance, 39Kohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1324
replacement	1001000271	resistance, 39Kohm, $\pm 1\%$ , 1/16W, 0402, CR10-3902-FK, ASJ	ASJ		
replacement	1001000272	resistance, 39Kohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
30	1001000280	resistance, 47Kohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1512
replacement	1001000281	resistance, 47Kohm, $\pm 5\%$ , 1/16W, 0402, CR10-473-JK, ASJ	ASJ		
replacement	1001000282	resistance, 47Kohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
25	1001000560	resistance, 68Kohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R3
replacement	1001000561	resistance, 68Kohm, $\pm 5\%$ , 1/16W, 0402, ASJ	ASJ		
replacement	1001000562	resistance, 68Kohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
31	1001000290	resistance, 330K ohm, $\pm 1\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1329
replacement	1001000291	resistance, 330K ohm, $\pm 1\%$ , 1/16W, 0402, CR10-3303-FK, ASJ	ASJ		
replacement	1001000292	resistance, 330K ohm, $\pm 1\%$ , 1/16W, 0402, Housheng	Housheng		
32	1001000300	resistance, 470K ohm, $\pm 5\%$ , 1/16W, 0402, KOA, Guoju	Guoju	1	R1511
replacement	1001000301	resistance, 470K ohm, $\pm 5\%$ , 1/16W, 0402, CR10-4703-FK, ASJ	ASJ		
replacement	1001000302	resistance, 470K ohm, $\pm 5\%$ , 1/16W, 0402, Housheng	Housheng		
33	1002000010	capacitance, 0.5pF, $\pm 0.25\text{pF}$ , COG, 25V, 0201, TMK063 CG0R5CT-F, TAIYO	TAIYO	1	C1635
replacement	1002000011	capacitance, 0.5pF, $\pm 0.25\text{pF}$ , COG, 25V, 0201, C0603NP0508CGT, DARFON	DARFON		
35	1002000020	capacitance, 3.3PF, $\pm 0.25\text{pF}$ , COG, 25V, 0201, CL03C3R3CA3GNNC, SAMSUNG	SAMSUNG	2	C1606 C1607
replacement	1002000021	capacitance, 3.3PF, $\pm 0.25\text{pF}$ , CJ/C0J, 50V, 0201, UMK063CK3R3CT-F, TAIYO	TAIYO		

replacement	1002000022	capacitance, 3. 3PF, $\pm 0. 25\text{pF}$ , CJ/C0J, 50V, 0201, C0603NP0339CGT, DARFON	DARFON		
36	1002000030	capacitance, 18pF, $\pm 5\%$ , X7R, 25V, 0201, CL03C180JA3ANNC, SAMSUNG	SAMSUNG	3	C1620 C1638 C1702
replacement	1002000031	capacitance, 18PF, $\pm 5\%$ , CH/COH, 50V, 0201, UMK063CH180JT-F, TAIYO	TAIYO		
replacement	1002000032	capacitance, 18PF, $\pm 5\%$ , CH/COH, 50V, 0201, C0603NP0180JGT, DARFON	DARFON		
37	1002000040	capacitance, 22pF, $\pm 5\%$ , X7R, 25V, 0201, CL03C220JA3ANNC, SAMSUNG	SAMSUNG	8	C1600 C1601 C1615 C1616 C1617 C1618 C1621 C1609
replacement	1002000041	capacitance, 22PF, $\pm 5\%$ , CH/COH, 50V, 0201, UMK063CH220JT-F, TAIYO	TAIYO		
replacement	1002000042	capacitance, 22PF, $\pm 5\%$ , CH/COH, 50V, 0201, C0603NP0220JGT, DARFON	DARFON		
38	1002000050	capacitance, 33pF, $\pm 5\%$ , X7R, 25V, 0201, CL03C330JA3ANNC, SAMSUNG	SAMSUNG	11	C1500 C1502 C1506 C1504 C1510 C1511 C1523 C1522 C1526 C1533 C1611
replacement	1002000051	capacitance, 33PF, $\pm 5\%$ , CH/COH, 50V, 0201, UMK063CH330JT-F, TAIYO	TAIYO		
replacement	1002000052	capacitance, 33PF, $\pm 5\%$ , CH/COH, 50V, 0201, C0603NP0330JGT, DARFON	DARFON		
39	1002000220	capacitance, 56pF, $\pm 5\%$ , X7R, 25V, 0201, CL03C560JA3ANNC, SAMSUNG	SAMSUNG	2	C1650 C1619
replacement	1002000221	capacitance, 56PF, $\pm 5\%$ , CH/COG, 25V, 0201, TMK063CG560JT-F, TAIYO	TAIYO		
replacement	1002000222	capacitance, 56PF, $\pm 5\%$ , CH/COG, 25V, 0201, C0603NP0560JGT, DARFON	DARFON		
40	1002000060	capacitance, 100pF, $\pm 5\%$ , X7R, 25V, 0201, CL03C101JA3ANNC, SAMSUNG	SAMSUNG	9	C1501 C1505 C1509 C1534 C1630 C1642 C1757 C1734 C1744
replacement	1002000061	capacitance, 100PF, $\pm 5\%$ , CH/COH, 50V, 0201, UMK063CH101JT-F, TAIYO	TAIYO		
replacement	1002000062	capacitance, 100PF, $\pm 3. 5\%$ , B/X5R, 25V, 0201, UMK063CH101KP-F, TAIYO	TAIYO		
replacement	1002000063	capacitance, 100PF, $\pm 3. 5\%$ , B/X5R, 25V, 0201, C0603NP0101JGT, DARFON	DARFON		
41	1002000070	capacitance, 220pF, $\pm 10\%$ , X5R, 25V, 0201, TMK063 BJ221KP-F, TAIYO	TAIYO	1	C1622
replacement	1002000071	capacitance, 220pF, $\pm 10\%$ , X5R, 25V, 0201, C0603X7R221KGT, DARFON	DARFON		
42	1002000080	capacitance, 1. 5nF, $\pm 10\%$ , 16V, 0201, EMK063 BJ152KP-F, TAIYOA	TAIYO	1	C1641
replacement	1002000081	capacitance, 1. 5nF, $\pm 10\%$ , 16V, 0201, C0603X7R152KGT, DARFON	DARFON		
43	1002000230	capacitance, 10nF, 10%, X7R, 10V, 0201, CL03B103KP3NNNC, SAMSUNG	SAMSUNG	1	C1735
replacement	1002000231	capacitance, 10nF, $\pm 5\%$ , B/X5R, 25V, 0201, UMK063CH103KP-F, TAIYO	TAIYO		
replacement	1002000232	capacitance, 10nF, $\pm 5\%$ , B/X5R, 25V, 0201, C0603X7R103KDT, DARFON	DARFON		
44	1002000090	capacitance, 100nF, $\pm 10\%$ , X5R, 6. 3V, 0201, CL03A104KQ3NNNC, SAMSUNG	SAMSUNG	37	C1107 C1101 C1104 C1138 C1108 C1112 C1128 C1105 C1106 C1139 C1114 C1115 C1118 C1116 C1333 C1328 C1312 C1358 C1362 C1320 C1456 C1444 C1457 C1432 C1448 C1612 C1634 C1736 C1747 C1981 C1905 C1908 C1959 C1960 C1958 C1652 C5
replacement	1002000091	capacitance, 100nF, $\pm 10\%$ , B/X5R, 10V, 0201, UMK063CH104KP-F, TAIYO	TAIYO		
replacement	1002000092	capacitance, 100nF, $\pm 10\%$ , B/X5R, 10V, 0201, C0603X5R104KCT, DARFON	DARFON		
45	1002000100	capacitance, 220nF, 10%, 16V, X5R, 0201, CL03A224K13NNNC, SAMSUNG	SAMSUNG	3	C1315 C1420 C1422
replacement	1002000101	capacitance, 220nF, 10%, 16V, X5R, 0201, C0603X5R224MCT, DARFON	DARFON		
46	1002000110	capacitance, 1uF, $\pm 20\%$ , X5R, 6. 3V, 0201, CL03A105MQ3CSNH, SAMSUNG	SAMSUNG	39	C1113 C1109 C1117 C1126 C1135 C1120 C1119 C1134 C1314 C1316 C1334 C1364 C1345 C1307 C1308 C1355 C1360 C1431 C1507 C1508 C1525 C1535 C1682 C1767 C1731 C1900 C1924 C1404 C1903 C1821 C1 C2 C1643 C1700 C1926 C1925 C1341 C3 C6
replacement	1002000111	capacitance, 1uF, $\pm 20\%$ , X5R, 6. 3V, 0201, C0603X5R105MCT, DARFON	DARFON		
47	1002000120	capacitance, 100nF, $\pm 10\%$ , 16V, X7R, 0402, EYANG	EYANG	1	C1322
replacement	1002000121	capacitance, 100nF, $\pm 10\%$ , 10V, X7R, 0402, TDK, MURATA	MURATA		
replacement	1002000122	capacitance, 100nF, $\pm 10\%$ , 10V, X7R, 0402, C1005X5R104KCT, DARFON	DARFON		

48	1002000140	capacitance, 4.7nF, $\pm 10\%$ , 25V, X7R, 0402, TDK, MURATA	MURATA	1	C1737
replacement	1002000141	capacitance, 4.7nF, $\pm 10\%$ , 25V, X7R, 0402, C1005X7R472KGT, DARFON	DARFON		
49	1002000150	capacitance, 470nF, 10%, 16V, X5R, 0402, TDK, MURATA	MURATA	6	C1685 C1669 C1676 C1674 C1675 C1677
replacement	1002000151	capacitance, 470nF, 10%, 16V, X5R, 0402, C1005X5R474KET, DARFON	DARFON		
50	1002000160	capacitance, 1uF, $\pm 10\%$ , 6.3V, X5R, 0402, TDK, MURATA	MURATA	3	C1631 C1640 C1800
replacement	1002000161	capacitance, 1uF, $\pm 10\%$ , 6.3V, X5R, 0402, C1005X5R105KCT, DARFON	DARFON		
51	1002000170	capacitance, 1uF $\pm 10\%$ 50V X5R 0603, TDK, MURATA	MURATA	2	C1329 C1969
replacement	1002000171	capacitance, 1uF $\pm 10\%$ 50V X5R 0603, C1608X5R105KET, DARFON	DARFON		
replacement	1002000172	capacitance, 1uF $\pm 10\%$ 50V X5R 0603, CL10A105KB8NNNC, SAMSUNG	SAMSUNG		
52	1002000180	capacitance, 2.2uF, $\pm 20\%$ , 6.3V, X5R, 0402, TDK, MURATA	MURATA	11	C1136 C1137 C1313 C1927 C1955 C1956 C1972 C1632 C1738 C1828 C1829
replacement	1002000181	capacitance, 2.2uF, $\pm 20\%$ , 6.3V, X5R, 0402, C1005X5R225MCT, DARFON	DARFON		
replacement	1002000182	capacitance, 2.2uF, $\pm 20\%$ , 6.3V, X5R, 0402, CL05A225MQ5NNNC, SAMSUNG	SAMSUNG		
53	1002000190	capacitance, 4.7uF $\pm 10\%$ 6.3V X5R 0603, TDK, MURATA	MURATA	6	C1111 C1359 C1421 C1409 C1410 C1449
replacement	1002000191	capacitance, 4.7uF $\pm 10\%$ 6.3V X5R 0603, C1608X5R475KCT, DARFON	DARFON		
replacement	1002000192	capacitance, 4.7uF $\pm 10\%$ 6.3V X5R 0603, CL10A475KQ8NNNC, SAMSUNG	SAMSUNG		
54	1002000200	capacitance, 10uF, $\pm 20\%$ , 6.3V, X5R, 0603, TDK, MURATA	MURATA	17	C1166 C1102 C1103 C1385 C1331 C1301 C1354 C1356 C1357 C1512 C1519 C1520 C1532 C1613 C1954 C1340 C4
replacement	1002000201	capacitance, 10uF, $\pm 20\%$ , 6.3V, X5R, 0603, C1608X5R106MCT, DARFON	DARFON		
replacement	1002000202	capacitance, 10uF, $\pm 20\%$ , 6.3V, X5R, 0603, CL10A106MQ8NNNC, SAMSUNG	SAMSUNG		
55	1002000210	capacitance, 22uF, $\pm 20\%$ , 6.3V, X5R, 0805 (H:0.85), MURATA	MURATA	1	C1332
replacement	1002000211	capacitance, 22uF, $\pm 20\%$ , 6.3V, X5R, 0805 (H:0.85), C2012X5R226MCT, DARFON	DARFON		
replacement	1002000212	capacitance, 22uF, $\pm 20\%$ , 6.3V, X5R, 0805 (H:0.85), CL21A226MQCLRNC, SAMSUNG	SAMSUNG		
56	1003000010	inductance, 1.5nH, $\pm 5\%$ , 0201, HK 0603 1N5S-T, TAIYO	TAIYO	5	L1606 L1607 L1614 L1615 C1636
replacement	1003000011	inductance, 1.5nH, $\pm 5\%$ , 0201, MGCI0603H1N5ST-LF, Microgate	Microgate		
replacement	1003000012	inductance, 1.5nH, $\pm 5\%$ , 0201, SDCL0603Q1N5JT02, Sunlord	Sunlord		
57	1003000020	inductance, 2nH, $\pm 0.1$ nH, 0201, HK 0603 2N0S-T, TAIYO	TAIYO	3	L1601 L1684 C1637
replacement	1003000021	inductance, 2nH, $\pm 0.1$ nH, 0201, MGCI0603H2N0ST-LF, Microgat	Microgate		
replacement	1003000022	inductance, 2nH, $\pm 0.1$ nH, 0201, SDCL0603Q2N0JT02, Sunlord	Sunlord		
58	1003000030	inductance, 2.2nH, $\pm 0.1$ nH, 0201, HK 0603 2N2S-T, TAIYO	TAIYO	2	C1645 L1600
replacement	1003000031	inductance, 2.2nH, $\pm 0.1$ nH, 0201, MGCI0603H2N2ST-LF, Microgat	Microgate		

replacement	1003000032	inductance, 2.2nH, $\pm 0.1$ nH, 0201, SDCL0603Q2N2JT02, Sunlord	Sunlord		
59	1003000040	inductance, 2.4nH, $\pm 0.1$ nH, 0201, HK 0603 2N4S-T, TAIYO	TAIYO		
replacement	1003000041	inductance, 2.4nH, $\pm 0.1$ nH, 0201, MGCI0603H2N4ST-LF, Microgat	Microgate	1	L1613
replacement	1003000042	inductance, 2.4nH, $\pm 0.1$ nH, 0201, SDCL0603Q2N4JT02, Sunlord	Sunlord		
60	1003000330	inductance, 3.9nH, $\pm 5\%$ , 0201, SDCL0603Q3N9JT02, Sunlord	Sunlord	1	L1610
61	1003000060	inductance, 5.1nH, $\pm 5\%$ , 0201, HK 0603 5N1S-T, TAIYO	TAIYO		
replacement	1003000061	inductance, 5.1nH, $\pm 5\%$ , 0201, MGCI0603H5N1ST-LF, Microgat	Microgate	1	L1608
replacement	1003000062	inductance, 5.1nH, $\pm 5\%$ , 0201, SDCL0603Q5N1JT02, Sunlord	Sunlord		
62	1003000070	inductance, 5.6nH, $\pm 5\%$ , 0201, HK 0603 5N6S-T, TAIYO	TAIYO		
replacement	1003000071	inductance, 5.6nH, $\pm 5\%$ , 0201, MGCI0603H5N6JT-LF, Microgat	Microgate	1	L1618
replacement	1003000072	inductance, 5.6nH, $\pm 5\%$ , 0201, SDCL0603Q5N6JT02, Sunlord	Sunlord		
63	1003000080	inductance, 7.5nH, $\pm 5\%$ , 0201, HK 0603 7N5J-T, TAIYO	TAIYO		
replacement	1003000081	inductance, 7.5nH, $\pm 5\%$ , 0201, MGCI0603H7N5JT-LF, Microgat	Microgate	1	L1701
replacement	1003000082	inductance, 7.5nH, $\pm 5\%$ , 0201, SDCL0603Q7N5JT02, Sunlord	Sunlord		
64	1003000090	inductance, 12nH, $\pm 5\%$ , 0201, HK 0603 12NJ-T, TAIYO	TAIYO		
replacement	1003000091	inductance, 12nH, $\pm 5\%$ , 0201, MGCI0603H12NJT-LF, Microgat	Microgate	2	L1604 L1605
replacement	1003000092	inductance, 12nH, $\pm 5\%$ , 0201, SDCL0603Q12NJT02, Sunlord	Sunlord		
65	1003000100	inductance, 33nH, $\pm 5\%$ , 0201, HK 0603 33NJ-T, TAIYO	TAIYO		
replacement	1003000101	inductance, 33nH, $\pm 5\%$ , 0201, MGCI0603H33NJT-LF, Microgat	Microgate	1	L1616
replacement	1003000102	inductance, 33nH, $\pm 5\%$ , 0201, SDCL0603Q33NJT02, Sunlord	Sunlord		
66	1003000110	inductance, 39nH, $\pm 5\%$ , 0201, HK 0603 39NJ-T, TAIYO	TAIYO		
replacement	1003000111	inductance, 39nH, $\pm 5\%$ , 0201, MGCI0603H39NJT-LF, Microgat	Microgate	2	L1609 C1728
replacement	1003000112	inductance, 39nH, $\pm 5\%$ , 0201, SDCL0603Q39NJT02, Sunlord	Sunlord		
67	1003000120	inductance, 82nH, $\pm 5\%$ , 0402, LQG15HSR82N02D, Murata	Murata		
replacement	1003000121	inductance, 82nH, $\pm 5\%$ , 0402, HK 1005 82NJ-T, TAIYO	TAIYO	1	L1702
replacement	1003000122	inductance, 82nH, $\pm 5\%$ , 0402, MGCI1005T82NJT-LF, Microgat	Microgate		
replacement	1003000123	inductance, 82nH, $\pm 5\%$ , 0402, SDCL1005C82NJTDF, Sunlord	Sunlord		
68	1003000130	power inductance, 0.68uH, 4100MA, MDMK2020TR68MM, 2.0*2.0*1.2, TAIYO	TAIYO		
replacement	1003000131	power inductance, 0.68uH, 3000MA, SPH252010HR68MTY02, 2.5*2.0*1.2, SUNLORD	SUNLORD	2	L1301 L1303
replacement	1003000132	power inductance, 0.68uH, 3400MA, SPH2520R68NPSC, 2.5*2.0*1.2, DAFON	DAFON		
replacement	1003000133	power inductance, 0.68uH, 3400MA, MPIE201610-R68M-LF, 2.5*2.0*1.2, Microgat	Microgate		
69	1003000150	power inductance, 10uH, 600MA, ELLVFG100MC, 3.0*3.0*1.2, Panasonic	Panasonic		

replacement	1003000151	power inductance, 10uH, 550MA, SWPA3010S100MT, 3.0*3.0*1.0, SUNLORD	SUNLORD	1	L1988	
replacement	1003000152	power inductance, 10uH, 600MA, NR3010T100M, 3.0*3.0*1.0, TAIYO	TAIYO			
replacement	1003000153	power inductance, 10uH, 700MA, SPH3030100MPTC, 3.0*3.0*1.2, DAFON	DAFON			
replacement	1003000154	power inductance, 10uH, 700MA, MPIT3012-100M-LF, 3.0*3.0*1.2, Microgat	Microgate			
70	1004000010	Bead, 1000 ohm, 50mA, HZ1005K102T(f), 0402, Sunlord	SUNLORD	6	B1504 B1505 B1507 B1509 B1508 L1501	
replacement	1004000011	Bead, 1000 ohm, 200mA, MGB1005G102EBP, 0402, INPAQ	INPAQ			
replacement	1004000012	Bead, 1000 ohm, 200mA, MGHB1005K102T-LF, 0402, Microgat	Microgate			
71	1004000020	ESD, TVS, 65pF, 5V, ESD9X5.0ST5G, ONSEMI	ONSEMI	1	TV2009	Horizontal line end as the signal source, the other end of the earth
replacement	1004000021	ESD, TVS, 25pF, Vdiode=6.8V, DF2S6.8FS, TOSHIBA	TOSHIBA			
replacement	1004000022	ESD, TVS, 18pF, Vdiode=5V, VCUT0505B-HD1-GS08, Vishay	Vishay			
72	1004000030	ESD, TVS, 0.45PF, ESD5V3U1U-02LRH, Infineon	Infineon	2	TV1804 TV1900	Horizontal line end as the signal source, the other end of the earth
replacement	1004000031	ESD, TVS, 0.45PF, ESD9N5BU-2T/R, WILL	WILL			
replacement	1004000032	ESD, TVS, 0.5PF, SIG8L5.0ST5G, SIG	SIG			
replacement	1004000033	ESD, TVS, 0.5PF, ESDU5V0F1, Changdian	Changdian			
73	1004000040	pressure-sensitive resistance, ICVL0505101V150, ICT	ICT	8	TV2000 TV2007 TV1500 TV1501 TV1503 TV1505 TV1507 TV1508	
replacement	1004000041	pressure-sensitive resistance, 3PF, ICVL0518030FR, ICT	ICT			
replacement	1004000042	pressure-sensitive resistance, AVL14K02200, Amotaike	Amotaike			
replacement	1004000043	pressure-sensitive resistance, 10PF, CK0402100V05, INPAQ	INPAQ			
replacement	1004000044	pressure-sensitive resistance, 10PF, CK0402100V18, INPAQ	INPAQ			
replacement	1004000045	pressure-sensitive resistance, 10PF, SF10402-120E100NP-LF, SFI	SFI			
74	1005000010	Zener diode, BZT52C5V1WS, Changdian	Changdian	1	D1302	
replacement	1005000011	Zener diode, 500mW, SOD323, PZ3D4V2H, RRESEMI	RRESEMI			
75	1005000020	Diode, Schottky, 40V, 2.5*1.25*0.7, SEB160V-40, SINO-IC	SINO-IC	1	D1988	
replacement	1005000021	Diode, Schottky, 40V, 2.5*1.3*1, B5819WS, JCST	Changdian			
replacement	1005000022	Diode, Schottky, 40V, 2.5*1.3*1, SOD-323, WSB5503W, WILL	WILL			
77	1008000500	IC, flash drive,DFN3*3-10L, CP2158, CHIPHOMER	Qipanwei	1	U1802	
replacement	1008000501	IC, flash drive,DFN3*3-10L, SGM3141, SGMICRO	Shengbangwei			
77	1008000510	IC, charging chip, DFN3*2, MI5809, MEGAPower	Ruixin	1	U1803	
77	1008000520	CSP12, 1.4*1.9, UM3204H, UNION	UNION	1	U3	
78	1008000010	IC, Driver for 10 WLED, 37V OVP, TSOT-23, RT8514GJ6, Richtek	Richtek	1	U1988	
replacement	1008000011	IC, Driver for 10 WLED, 37V OVP, TSOT-23, ET5120, ETEK	ETEK			
replacement	1008000012	IC, Driver for 10 WLED, 38V OVP, TSOT-23, SGM3720YTN6G/TR, SGM	SGM			

replacement	1008000013	IC, Driver for 10 WLED, 37V OVP, TSOT-23, CP2123ST-B1, ChipHomer	ChipHomer		
79	1008000170	IC, G-sensor, 1.17×1.7, DTOS, MXC6255XC, MEMSIC	MEMSIC	1	U1903
80	1008000031	IC, ALS+PS+IRLED, QFN, EM30719, Aipukewei	Aipukewei		U5202
	1008000032	IC, ALS+PS+IRLED, QFN light sensation STK3311-A; length: 3.94mm, width: 2.36mm, height: 1.3mm	sensortek	1	
81	1008000340	IC, Baseband, MT6572A/X, MTK	MTK	1	U1101
82	1008000050	IC, Power Management, MT6323GA, MTK	MTK	1	U1301
83	1008000060	IC, GPS+WIFI+BT+FM, MT6627N, MTK	MTK	1	U1702
84	1008000070	IC, RF Transceiver, E/W/TD, MT6166V, MTK	MTK	1	U1604
85	1008000080	IC, RF PA, VC7584, VANCHIP	VANCHIP	1	U1603
86	1008000320	IC, PA; WCDMA band1 2100M, 3x3x0.85mm, VC5341, VANCHIP	VANCHIP	1	U1605
87	1008000330	IC, PA; WCDMA band8 900M, 3x3x0.9mm, VC5348, VANCHIP	VANCHIP	1	U1606
88	1008000260	duplexer, band 1, 2.0*1.6mm, SD20-1950R9UBM1, KYOCERA	Kyocera	1	U1601
89	1008000280	duplexer, band 8, 2.0*1.6mm, SD20-0897R9UBM1, KYOCERA	Kyocera	1	U1602
90	1008000130	LNA, GPS; 1550M/1615M, 0.7*1.1*0.4mm, TSLP-6-2, MAX2659, MAXIM	MAXIM		
replacement	1008000131	LNA, GPS; 1550M/1615M, 0.7*1.1*0.4mm, TSLP-6-2, AR8159, AIROHA	AIROHA		
replacement	1008000132	LNA, GPS; 1550M/1615M, 0.7*1.1*0.4mm, TSLP-6-2, BGU7005, NXP	NXP	1	U1799
replacement	1008000133	LNA, GPS; 1550M/1615M, 0.7*1.1*0.4mm, TSLP-6-2, BGU6005, NXP	NXP		
replacement	1008000134	LNA, GPS; 1550M/1615M, 0.7*1.1*0.4mm, TSLP-6-2, MXDLN16G DS, MAXSCEND	MAXSCEND		
91	1008000140	SAW, GPS; 1575.5MHz;1.3dB;1.7max;, SAFEB1G57KE0F00, Murata	Murata		
replacement	1008000141	SAW, GPS; 1574.42-1576.42MHz;1.3dB;1.7max;, F6KA1G575L4AJ, TAIYO	TAIYO	1	U1701
replacement	1008000142	SAW, GPS; 1574.42-1576.42MHz;1.3dB;1.7max;, RFSF1411070E0T, Walsin	Walsin		
replacement	1008000143	SAW, GPS; 1574.42-1576.42MHz;1.3dB;1.7max;, SF14-175F5UUA1, Kyocera	Kyocera		
92	1008000150	antenna switch, GPS&WIFI, RFDIP1608060TM7T62, Walsin	Walsin		
replacement	1008000151	antenna switch, GPS&WIFI, MDPX18M1524P69-D03, Microgate	Microgate	1	F1600
replacement	1008000152	antenna switch, GPS&WIFI, SLFD18-2R450G-05T, Sunlord	SUNLORD		
93	1008000294	IC, EMMC+LPDDR2; 3.3V/1.2V/1.8V; 4GB+8Gb; 19ns/2.5ns; x8/x32; FBGA162, H9TP32A8JDCPR_KGM, HYNIX	HYNIX		
replacement	1008000292	IC, EMMC+LPDDR2; 3.3V/1.2V/1.8V; 4GB+8Gb; 19ns/2.5ns; x8/x32; FBGA162, KE4CN2L2HA8A2A, Kingston	Kingston	1	U1402
replacement	1008000291	IC, EMMC+LPDDR2; 3.3V/1.2V/1.8V; 4GB+8Gb; 19ns/2.5ns; x8/x32; FBGA162, H9TP32A8JDBCPR_KGM, HYNIX	HYNIX		
94	1009000010	thermosensitive resistancocrystalloid, 26MHz, 7pF, EXS00A-CS05258, NDK	NDK		
replacement	1009000011	thermosensitive resistancocrystalloid, 26MHz, 7pF, OZ26000004, TXC	TXC	1	X1600
replacement	1009000012	thermosensitive resistancocrystalloid, 26MHz, 7pF, RXT2520AT, Rakon	Rakon		
replacement	1009000013	thermosensitive resistancocrystalloid, 26MHz, 7pF, XTL5A1100-M118-056, Siward	Siward		
95	1010000010	Balun, QB, RFBLN2012090BM6T16, Walsin	Walsin		
replacement	1010000011	Balun, QB, BD2012-20L0820V3T/LF, ACX	ACX	1	71600



replacement	101000012	Balun, QB, LFB21914MDZ3D384, Murata	Murata	1	Z1000	
replacement	101000013	Balun, QB, DEA211898BT, TDK	TDK			
96	1012000360	1.5H simplicityMicro-SIM卡outlet, SODD-150008-03G, Jingruixing	Jingruixing	2	J2 J1602	
replacement	1012000361	1.5H simplicityMicro-SIM卡outlet, CAF99-08153-010601, LCN	LCN			
97	1012000370	FPC-ZIFconnector, 15PIN, FH26-15S-0_3SHW, Guanglai	Guanglai	1	J3	
replacement	1012000371	FPC-ZIFconnector, 15PIN, PF030-015B-C10-H, UJU Futaidianzi	UJU			
replacement	1012000372	FPC-ZIFconnector, 15PIN, CFPC0310-15RL-TAG, Biying	Biying			
replacement	1012000373	FPC-ZIFconnector, 15PIN, 40301W90-15A-SHLOATBR, Shenglan	Shenglan			
98	1012000380	UHF outlet connector, 12PIN, FH19C-12S-0.5SH-(05), HRS	HRS	1	J6	
99	1012000390	Real camera outlet, BTB-30PIN, OK-10F030-04, Yaqi	Yaqi	1	J1701	
replacement	1012000391	Real camera outlet, BTB-30PIN, WP7P-P030-VA1, JAE	JAE			
100	1012000120	Batteryconnector, separation distance3mmultrathin2.4H manometricheavy platel.4mm, BATYC-2403S1-TP44, Yiyuxing	Yiyuxing	1	CON1300	
replacement	1012000121	Batteryconnector, separation distance3mmultrathin2.4H manometricheavy platel.4mm, PAN30-03103-S101, LCN	LCN			
replacement	1012000122	Batteryconnector, separation distance3mmultrathin2.4H manometricheavy platel.4mm, 02-032114C, Xinweitong	Xinweitong			
replacement	1012000123	Batteryconnector, separation distance3mmultrathin2.4H manometricheavy platel.4mm, P0TP-103003-05G, 精睿兴				
96	1012000060	rear lock ZIFconnector-6PIN, FH34SRJ-6S-0.5SH(50), Guanglai	Guanglai	1	J1910	
replacement	1012000061	rear lock ZIFconnector-6PIN, CFPC0509-06R-TAG, Biying	Biying			
98	1012000050	FPC-ZIFconnector, 25PIN, FH26-25S-0.3SHW(05), Guanglai	Guanglai	2	J1200 J1700	
replacement	1012000051	FPC-ZIFconnector, 25PIN, PF030-025B-C10-H, UJU Futaidianzi	UJU			
replacement	1012000052	FPC-ZIFconnector, 25PIN, CFPC0310-25RL-TAG, Biying	Biying			
replacement	1012000053	FPC-ZIFconnector, 25PIN, 40301W90-25A-SHLOATBR, Shenglan	Shenglan			
99	1012000130	earphone outlet, diameter:3.5mm, 3.6Hheavy plate2.2Five feet outlet, JAF00-05184-0161-B, LCN	LCN	1	CON501	
replacement	1012000131	earphone outlet, diameter:3.5mm, 3.6Hheavy plate2.2Five feet outlet, AJ017-14343A03, Jieshuntong	Jieshuntong			
102	1012000140	USBoutlet, 5PIN, heavy platel.3, No flanging, UAF95-05124-1536-A, LCN	Liangze	1	CON1900	
replacement	1012000141	USBoutlet, 5PIN, heavy platel.3, No flanging, USBYM-240501-TP30, Yiyuxing	Yiyuxing			
replacement	1012000142	USBoutlet, 5PIN, heavy platel.3, No flanging, UB005-11326A55, Jieshuntong	Jieshuntong			
102	1012000110	outlet, 1.5H, simplicitytypewith sensePin, 09-0921130, Xinweitong	Xinweitong	1	J1	
replacement	1012000111	outlet, 1.5H, simplicitytypewith sensePin, 1.5H-TF-CARD, Jieshuntong	Jieshuntong			
103	1012000070	RFconnector, three generations, combined altitudes1.5mm, height0.85mm, 818000157, ECT	Dianlian	1	J1607	
replacement	1012000071	RFconnector, three generations, combined altitudes1.5mm, height0.85mm, 8522A0000A00, Afute	Afute			
replacement	1012000072	RFconnector, three generations, combined altitudes1.5mm, height0.85mm, RFR30-085A010, Xingqing	Xingqing			
104	1012000080	RFconnector, generation, height1.75mm, 8180000001, ECT	Dianlian	1	J1600	
105	1012000160	Antenna shrapnel, H-1.3mm, height0.7mm, TM010-301, Jieshuntong	Jieshuntong	2	ANT1700 ANT1701	Contact took
106	1014000210	BBshielding case-T09B-00	Jieang	1		
107	1014000220	RFshielding case-T09B-00	Jieang	1		

108	1014000230	WiFiShielding case-T09B-00	Jieang	1		
109	1015000172	PCB, T09B-V03	Shunluo	1		

Class	Description	Package	Value	Part Number	Vendor	Part (s)	Qty.
CONNECTOR	21p, 0.3mm, FPC-Bottom Contact	04-6283-021-002-868	04-6283-021-002-868	04-6283-021-002-868	Kyocera	J102	1
CHIP RESISTOR	0R, 1/16W, 5%, Res0402	R-0402	0R, 5%	RC0402JR-070RL	YAGEO	R105, R106, R107, R108, R109, R110	6
CHIP CAPACITOR	100nF, 16V, X5R, 10%, C0402	C-0402	100nF, 16V	CL05A104K05NNC	Samsung	C101, C102, C103, C104, C109	5
INDUCTOR	DC-DC Inductor, SMT, 4.7uH	DE2812C	1098AS-4R7M	1098AS-4R7M	TOKO	L101	1
CHIP RESISTOR	10K, 1/16W, 5%, Res0402	R-0402	10K, 5%	RC0402JR-0710KL	YAGEO	R101, R102, R103, R104, R112	5
CHIP CAPACITOR	10uF, 10V, X5R, 10%, 0603	C-0603	10uF, 10V	LMK107 BJ106KALTD	TAIYO YUDEN	C110	1
CHIP CAPACITOR	1uF, 16V, X5R, 10%, C0402	C-0402	1uF, 16V	CL05A105K05NNC	Samsung	C105, C106, C111	3
CHIP CAPACITOR	2.2uF, 16V, X5R, 10%, C0603	C-0603	2.2uF, 16V	EMK107 BJ225KA-T	TAIYO YUDEN	C107	1
CHIP CAPACITOR	4.7uF, 16V, X5R, 10%, C0603	C-0603	4.7uF, 16V	CL10AA475K08NNC	Samsung	C108	1
CHIP RESISTOR	47K, 1/16W, 5%, Res0402	R-0402	47K, 5%	RC0402JR-0747KL	YAGEO	R114	1
CONNECTOR	12p, 0.5mm, FPC-Bottom Contact	FH19C-12S-0.5SH(05)	FH19C-12S-0.5SH(05)	FH19C-12S-0.5SH(05)	HIROSE	J101	1
IC	Hardware decoders for motorola 2D imagers	104bga	p13307-c	p13307-c	Motorola	U101	1
IC	600mA Driver Tr. Built-In, Synchronous Step-Down DC/DC Converter	SOT-25	XC9236A33CMR	XC9236A33CMR	TOREX	U102	1