

# BOM LIST

项目名称: F01

产品编码: S020-F01002-001

客户: MOBILSTAR

发行版本:

V1.0(量产)

BOM特别说明: 主板贴片组件BOM (MT6253, 四卡四待, 蓝牙, 两频, 不带TV)

发行日期:

2011-4-14

| 序号 | 类别 | 物料编码            | 物料名称 | 描述                         | 位号  | 用量 | 供应商   | 供应料号            |
|----|----|-----------------|------|----------------------------|---|----|-------|-----------------|
| 1  | C  | 0503-0000JB-A01 | 电阻   | 0 ohm, ±5%, 1/16W, 0402    | L101, L102, R209, R210, R318, R505, L601, L604, L606, R607, R609, R520, R521, | 13 | YAGEO | RC0402JR-070RL  |
| 替代 | C  | 0503-0000JB-A02 | 电阻   | 0 ohm, ±5%, 1/16W, 0402    | L101, L102, R209, R210, R318, R505, L601, L604, L606, R607, R609, R520, R521, | 0  | ROHM  | MCR01MZPJ000    |
| 2  | C  | 0503-020SFE-C01 | 电阻   | 0.2 ohm, ±1%, 1/4W, 0805   | R213  | 1  | YAGEO | RL0805FR-7WOR2  |
| 替代 | C  | 0503-020SFB-C02 | 电阻   | 0.2 ohm, ±1%, 1/4W, 0805   | R213  | 0  | ROHM  | MCR10EZHF200    |
| 4  | C  | 0503-068FJF-B01 | 电阻   | 6.8ohm, ±5%, 1/10W, 0603   | R212  | 1  | YAGEO | RC0603JR-076R8  |
| 5  | C  | 0503-0330JB-A01 | 电阻   | 33ohm, ±5%, 1/16W, 0402    | R501, R503  | 2  | YAGEO | RC0402JR-0733R  |
| 6  | C  | 0503-0510JB-A01 | 电阻   | 51 ohm, ±5%, 1/16W, 0402   | R608  | 1  | YAGEO | RC0402JR-0751R  |
| 7  | C  | 0503-0101JB-A01 | 电阻   | 100 ohm, ±5%, 1/16W, 0402  | R304, R305  | 2  | YAGEO | RC0402JR-07100R |
| 8  | C  | 0503-0331JB-A01 | 电阻   | 330ohm, ±5%, 1/16W, 0402   | R507, R508, R509, R514, R515, R516, R517, R518                                | 8  | YAGEO | RC0402JR-07330R |
| 9  | C  | 0503-0102JB-A01 | 电阻   | 1Kohm, ±5%, 1/16W, 0402    | R204, R205, R306, R308, R311, R316, R504                                      | 7  | YAGEO | RC0402JR-071K   |
| 10 | C  | 0503-0152JB-A01 | 电阻   | 1.5Kohm, ±5%, 1/16W, 0402  | R301, R302, R307  | 3  | YAGEO | RC0402JR-071K5L |
| 11 | C  | 0503-0512FB-A01 | 电阻   | 5.1Kohm, ±1%, 1/16W, 0402  | R101, R207  | 2  | YAGEO | RC0402FR-075K1L |
| 12 | C  | 0503-0752JB-A01 | 电阻   | 7.5 Kohm, ±5%, 1/16W, 0402 | R303  | 1  | YAGEO | RC0402JR-077K5L |
| 13 | C  | 0503-0103JB-A01 | 电阻   | 10Kohm, ±5%, 1/16W, 0402   | R206, R317, R401, R604, R905, R906  | 6  | YAGEO | RC0402JR-0710K  |
| 14 | C  | 0503-0153JB-A01 | 电阻   | 15K ohm, ±5%, 1/16W, 0402  | R901  | 1  | YAGEO | RC0402JR-0715KL |
| 15 | C  | 0503-0203JB-A01 | 电阻   | 20K ohm, ±5%, 1/16W, 0402  | R605  | 1  | YAGEO | RC0402JR-0720K  |
| 16 | C  | 0503-0473JB-A01 | 电阻   | 47Kohm, ±5%, 1/16W, 0402   | R904  | 1  | YAGEO | RC0402JR-0747K  |

|    |   |                 |      |  |  |    |         |                        |
|----|---|-----------------|------|--|--|----|---------|------------------------|
| 17 | C | 0503-0104JB-A01 | 电阻   | 100Kohm, ±5%, 1/16W, 0402                              | R102, R105   | 2  | YAGEO   | RC0402JR-07100K        |
| 18 | B | 0506-AVLC5S-007 | 压敏电阻 | Varistor, 5. 5V, 50pF, , AVLC-5S-02-050, 0402, AMOTECH | C501, C525, C522, C523, C524, T201, T446, T447, T448, T449, T450, T451, T452, T453, T454, T457, T459, T460, T461, T462, T463, T501, T506, T508, T303, T304, T307, T308, T458 | 29 | AMOTECH | AVLC-5S-02-050         |
| 替代 | B | 0506-050E56-008 | 压敏电阻 | SFI0402-050E560NP-LF                                   | C501, C525, C522, C523, C524, T201, T446, T447, T448, T449, T450, T451, T452, T453, T454, T457, T459, T460, T461, T462, T463, T501, T506, T508, T303, T304, T307, T308, T458 | 0  | SFI     | SFI0402-050E560NP-LF   |
| 19 | C | 0602-18FC8A-A03 | 电容   | 1. 8pF, ±0. 25pF, 50V, COG, 0402                       | C622, C628   | 2  | Murata  | GRM1555C1H1R8CZ01<br>D |
| 替代 | C | 0602-18FC8A-A01 | 电容   | 1. 8pF, ±0. 25pF, 50V, COG, 0402                       | C622, C628   | 0  | YAGEO   | CC0402CRNPO9BN1R8      |
| 20 | C | 0602-22FC8A-A03 | 电容   | 2. 2pF, ±0. 25pF, 50V, COG, 0402                       | C626, C629,  | 2  | Murata  | GRM1555C1H2R2CZ01<br>D |
| 替代 | C | 0602-22FC8A-A01 | 电容   | 2. 2pF, ±0. 25pF, 50V, COG, 0402                       | C626, C629,  | 0  | YAGEO   | CC0402CRNPO9BN2R2      |
| 21 | C | 0602-56FB8A-A03 | 电容   | 5. 6pF, ±0. 25pF, 50V, COG, 0402                       | C615   | 1  | Murata  | GRM1555C1H5R6CZ01<br>D |
| 替代 | C | 0602-56FC8A-A01 | 电容   | 5. 6pF, ±0. 25pF, 50V, COG, 0402                       | C615   | 0  | YAGEO   | CC0402CRNPO9BN5R6      |
| 22 | C | 0602-60FJ8A-A03 | 电容   | 6pF, ±0. 5, 50V, COG, 0402                             | C603   | 1  | Murata  | GRM1555C1H0R0DZ01<br>D |
| 替代 | C | 0602-60FD8A-A01 | 电容   | 6pF, ±0. 5, 50V, COG, 0402                             | C603   | 0  | YAGEO   | CC0402DRNPO9BN6R0      |
| 23 | C | 0602-220J8A-A03 | 电容   | 22pF, ±5%, 50V, COG, 0402                              | C209, C210, C602, C609, C623, C627, C653, C654   | 8  | Murata  | GRM1555C1H220JZ01<br>D |
| 替代 | C | 0602-220J8A-A01 | 电容   | 22pF, ±5%, 50V, COG, 0402                              | C209, C210, C602, C609, C623, C627, C653, C654   | 0  | YAGEO   | CC0402JRNPO9BN220      |
| 24 | C | 0602-330J8A-A03 | 电容   | 33pF, ±5%, 50V, COG, 0402                              | C308, C309, C313, C314, C315, C332, C333, T507, C613, C614, C619, T305, T306   | 13 | Murata  | GRM1555C1H330JZ01<br>D |
| 替代 | C | 0602-330J8A-A01 | 电容   | 33pF, ±5%, 50V, COG, 0402                              | C308, C309, C313, C314, C315, C332, C333, T507, C613, C614, C619, T305, T306   | 0  | YAGEO   | CC0402JRNPO9BN330      |
| 25 | C | 0602-560J8A-A03 | 电容   | 56pF, 50V, ±5%, COG, 0402                              | C901   | 1  | Murata  | GRM1555C1H500JZ01<br>D |

|    |   |                 |    |                             |  |    |        |                    |
|----|---|-----------------|----|-----------------------------|--|----|--------|--------------------|
| 替代 | C | 0602-560J8A-A01 | 电容 | 56pF, ±5%, 50V, COG, 0402   | C901   | 0  | YAGEO  | CC0402JRNPO9BN560  |
| 26 | C | 0602-101J8A-A03 | 电容 | 100pF, ±5%, 50V, COG, 0402  | C312, C334   | 2  | Murata | GRM1555C1H101JZ01  |
| 替代 | C | 0602-101J8A-A01 | 电容 | 100pF, ±5%, 50V, COG, 0402  | C312, C334   | 0  | YAGEO  | CC0402JRNPO9BN101  |
| 27 | C | 0602-221J6A-A03 | 电容 | 220pF, ±5%, 25V, COG, 0402  | C610   | 1  | Murata | GRM1555C1H221JA01  |
| 替代 | C | 0602-221J6A-A01 | 电容 | 220pF, ±5%, 25V, COG, 0402  | C610   | 0  | YAGEO  | CC0402JRNPO8BN221  |
| 28 | C | 0602-102K8C-A03 | 电容 | 1nF, ±10%, 50V, X7R, 0402   | C324, C328, C637, C902   | 4  | Murata | GRM155R71H102KA01D |
| 替代 | C | 0602-102K8C-A01 | 电容 | 1nF, ±10%, 50V, X7R, 0402   | C324, C328, C637, C902   | 0  | YAGEO  | CC0402KRX7R9BB102  |
| 29 | C | 0602-333K4D-A03 | 电容 | 33nF, ±15%, 16V, X7R, 0402  | C327, C330   | 2  | Murata | GRM155R71C333KA01  |
| 替代 | C | 0602-333K4D-A01 | 电容 | 33nF, ±15%, 16V, X7R, 0402  | C327, C330   | 0  | YAGEO  | CC0402KRX7R7BB333  |
| 30 | C | 0602-105K3C-B01 | 电容 | 1uF, ±10%, 10V, X5R, 0603   | C200   | 1  | YAGEO  | CC0603KRX5R6BB105  |
| 31 | C | 0602-104K3C-A03 | 电容 | 100nF, ±10%, 10V, X7R, 0402 | C203, C204, C205, C206, C207, C303, C304, C310, C311, C331, C401, C512, C513, C517, C521, C604, C621, C624, C904, C905, C907, C908, C531, C534                                     | 24 | Murata | GRM155R71A104KA01D |
| 替代 | C | 0602-104K3C-A01 | 电容 | 100nF, ±10%, 10V, X5R, 0402 | C203, C204, C205, C206, C207, C303, C304, C310, C311, C331, C401, C512, C513, C517, C521, C604, C621, C624, C904, C905, C907, C908, C531, C534                                     | 0  | YAGEO  | CC0402KRX5R6BB104  |
| 32 | C | 0602-105K2C-A03 | 电容 | 1uF, ±10%, 6.3V, X5R, 0402  | C201, C211, C212, C214, C216, C217, C218, C220, C221, C222, C223, C224, C225, C226, C227, C234, C325, C329, C402, C505, C506, C616, C620, C906, C909, C911, C912, C913, C540, C541 | 30 | Murata | GRM155R60J105KE19D |
| 替代 | C | 0602-105K2C-A01 | 电容 | 1uF, ±10%, 6.3V, X5R, 0402  | C201, C211, C212, C214, C216, C217, C218, C220, C221, C222, C223, C224, C225, C226, C227, C234, C325, C329, C402, C505, C506, C616, C620, C906, C909, C911, C912, C913, C540, C541 | 0  | YAGEO  | CC0402KRX5R5BB105  |

|    |   |                 |     |   |  |   |          |                   |
|----|---|-----------------|-----|---|--|---|----------|-------------------|
| 33 | C | 0602-225K2C-B03 | 电容  | 2. 2uF, $\pm 10\%$ , 6. 3V, X5R, 0603                         | C903, C530, C532, C533, C535             | 5 | Murata   | GRM188R00J2Z3KE19 |
| 替代 | C | 0602-225K3C-B03 | 电容  | 2. 2uF, $\pm 10\%$ , 10V, X5R, 0603                           | C903, C530, C532, C533, C535             | 0 | Murata   | GRM188R00J2Z3KA01 |
| 替代 | C | 0602-225K2C-B01 | 电容  | 2. 2uF, $\pm 10\%$ , 6. 3V, X5R, 0603                         | C903, C530, C532, C533, C535             | 0 | YAGEO    | CC0603KRX5R5BB225 |
| 34 | C | 0602-475K2C-B03 | 电容  | 4. 7uF, $\pm 10\%$ , 6. 3V, X5R, 0603                         | C202, C213, C215, C219, C229, C335       | 6 | Murata   | GRM188R60J475KE19 |
| 替代 | C | 0602-475K2C-B01 | 电容  | 4. 7uF, $\pm 10\%$ , 6. 3V, X5R, 0603                         | C202, C213, C215, C219, C229, C335       | 0 | YAGEO    | CC0603KRX5R5BB475 |
| 35 | C | 0602-106K2C-B03 | 电容  | 10uF, $\pm 20\%$ , 6. 3V, X5R, 0603                           | C316, C317, C605                         | 3 | Murata   | GRM188R00J100ME47 |
| 替代 | C | 0602-106K2C-B01 | 电容  | 10uF, $\pm 20\%$ , 6. 3V, X5R, 0603                           | C316, C317, C605                         | 0 | YAGEO    | CC0603MRX5R5BB106 |
| 36 | C | 0602-226K2E-C03 | 电容  | 22uF, $\pm 20\%$ , 6. 3V, Y5V, 0805                           | C230, C306, C307, C235                   | 4 | Murata   | GRM21BR00J2Z0ME59 |
| 替代 | C | 0602-226K2E-C01 | 电容  | 22uF, $\pm 20\%$ , 6. 3V, Y5V, 0805                           | C230, C306, C307, C235                   | 0 | YAGEO    | CC0805MKX5R5BB226 |
| 37 | B | 0601-107M20-B04 | 钽电容 | 100uF, $\pm 15\%$ , 6. 3V, ESR=1. 3, H=1. 1mm, 3. 5*2. 8*1. 1 | C655                                     | 1 | NEC      | TEESVB30J107M8R   |
| 替代 | B | 0601-107M20-B05 | 钽电容 | 100uF, 6. 3V, H=1. 1mm, ESR=1. 3, F920J107MBA                 | C655                                     | 0 | NICHICON | F920J107MBA       |
| 38 | C | 0701-51FSA7-001 | 电感  | 5. 1nH, $\pm 0. 3nH$ , 0402, 0. 24 ohm, 300mA, Monolithic     | L618                                     | 1 | Sunlord  | SDCL1005C5N1STF   |
| 替代 | C | 0701-51FSA1-000 | 电感  | 5. 1nH, $\pm 0. 3nH$ , 0402, 0. 24 ohm, 300mA, Monolithic     | L618                                     | 0 | Murata   | LQG15HN5N1S02D    |
| 39 | C | 0701-180JA7-001 | 电感  | 18nH, $\pm 5\%$ , 0402, 0. 65 ohm, 300mA, Monolithic          | L617, C617                               | 2 | Sunlord  | SDCL1005C18NJTF   |
| 替代 | C | 0701-180JA1-000 | 电感  | 18nH, $\pm 5\%$ , 0402, 0. 65 ohm, 300mA, Monolithic          | L617, C617                               | 0 | Murata   | LQG15HS18NJ02D    |
| 40 | C | 0703-472MJ1-000 | 电感  | 4. 7uH, $\pm 20\%$ , 0806, 0. 8 ohm, 300mA, Wire wound        | L202                                     | 1 | Murata   | LQH2MCN4R7M02     |
| 替代 | C | 0703-47FEC8-000 | 电感  | 4. 7uH, $\pm 20\%$ , 0805, 0. 25 ohm, 280mA                   | L202                                     | 0 | 麦捷       | MGFL2012C4R7MT-LF |
| 41 | B | 0801-05G750-000 | 磁珠  | 75 ohm @100MHz, 0402, 600mA                                   | L317, L318, L603, L611, L613, L614, L615 | 7 | Sunlord  | SZ1005G750TF      |
| 替代 | B | 0801-15BB75-000 | 磁珠  | 75 ohm @100MHz, 0402, 300mA                                   | L317, L318, L603, L611, L613, L614, L615 | 0 | Murata   | BLM15BB750SN1     |

|    |   |                 |             |  |  |   |              |                      |
|----|---|-----------------|-------------|--|--|---|--------------|----------------------|
| 替代 | B | 0801-NBQ100-001 | 磁珠          | 磁珠, 75 ohm, NBQ100505T-750Y-N  | L317, L318, L603, L611, L613, L614, L615 | 0 | 奇力新          | NBQ100505T-750Y-N    |
| 42 | B | 0801-05B182-000 | 磁珠          | 1800 ohm @100MHz, 0402, 50mA   | L501, L502, L503                         | 3 | Sunlord      | SZ1005K182TF         |
| 替代 | B | 0801-15BD18-000 | 磁珠          | 1800 ohm @100MHz, 0402, 100mA  | L501, L502, L503                         | 0 | Murata       | BLM15BD182SN1        |
| 43 | B | 0801-05K102-000 | 磁珠          | 1000 ohm @100MHz, 0402, 1200@1GHz, 50mA                                      | L307, L308                               | 2 | Sunlord      | HZ1005K102TF         |
| 44 | B | 0801-08D601-000 | 磁珠          | 600 ohm, 100MHz, 0603, 500mA   | L504                                     | 1 | Sunlord      | HPZ1608D601-R50TF    |
| 替代 | B | 0801-18EG60-000 | 磁珠          | 600 ohm @100MHz, 0603, 700 ohm @1GHz, 500mA                                  | L504                                     | 0 | Murata       | BLM18EG601SN1        |
| 替代 | B | 0801-PBY160-001 | 磁珠          | 600 ohm, 100MHz, 0603, 500mA   | L504                                     | 0 | 奇力新          | PBY160808T-601Y-N    |
| 45 | B | 0801-15HD10-000 | 磁珠          | 1000 ohm @100MHz, 0402, 2000@1GHz, 250mA                                     | L313, L314, L319, L320                   | 4 | Murata       | BLM15HD102SN1D       |
| 46 | B | 0801-08E181-000 | 磁珠          | 180 ohm @100MHz, 0603, 2000mA  | L203, L204, L315, L316                   | 4 | Sunlord      | UPZ1608E181-2R0TF    |
| 替代 | B | 0801-18PG18-000 | 磁珠          | 180 ohm @100MHz, 0603, 1500mA  | L203, L204, L315, L316                   | 0 | Murata       | BLM18PG181SN1        |
| 48 | A | 1800-942MCM-000 | 声表滤波器       | 二合一, SAWEN942MCM0F00R12  | Z601                                     | 1 | Murata       | 2                    |
| 替代 | A | 1800-B39182-000 | 声表滤波器       | B39182B9501L310  | Z601                                     | 0 | EPCOS        | B9501                |
| 49 | A | 1800-AM1T61-000 | 蓝牙滤波器       | RFBPB2012090AM9FNH   | U902                                     | 1 | WALSIN       | RFDPB2012090AM9FNH   |
| 替代 | A | 1800-M2450H-000 | 蓝牙滤波器       | MBF21M2450H133-M13/1   | U902                                     | 0 | 麦捷           | MBF21M2450H133-M13/1 |
| 50 | A | 2200-MS3VT1-000 | 32.768KHZ晶振 | 晶振, Crystal, , 32.768KHz, ±20ppm, 12.5pF, , MS3V-T1R, SSP-T7-F, MICROCRYSTAL | X201                                     | 1 | MICROCRYSTAL | MS3V-T1R             |
| 替代 | A | 2200-SSPT7F-001 | 32.768KHZ晶振 | 32.768KHz, LC12.5PF, +/-20ppm, 1.4*1.4*5.0mm                                 | X201                                     | 0 | SII          | SSP-T7-F             |
| 替代 | A | 2200-MC1460-002 | 32.768KHZ晶振 | 32.768KHz, 12.5pF, ±20ppm, MC-146  | X201                                     | 0 | EPSON        | MC-146               |
| 51 | A | 2200-7M2600-000 | 26M晶振       | 7M26000028   | U602                                     | 1 | TXC          | 7M26000028           |

|    |   |                 |                    |  |                        |   |                  |                  |
|----|---|-----------------|--------------------|--|------------------------|---|------------------|------------------|
| 52 | A | 1100-PZ5D4V-000 | 稳压管                | 5.1V, Ir=2 $\mu$ A, Pd=500mW, SOD-523      | D201                   | 1 | Prisemi          | PZ5D4V2H         |
| 53 | A | 1100-52C5V6-000 | 稳压管                | 5.6V, Ir=0.1 $\mu$ A, Pd=150mW, SOD-523    | D202                   | 1 | SINO-IC          | SEZ52C5V6        |
| 54 | A | 1401-RF7166-000 | 射频PA               | RF7166                                     | U601                   | 1 | RFMD             | RF7166           |
| 55 | A | 1401-AW8145-000 | 音频功放               | D类音频功放, AW8145CSR                          | U301                   | 1 | 艾为               | AW8145CSR        |
| 56 | A | 1401-5802HS-000 | 收音机IC              | RDA5802HS                                  | U906                   | 1 | RDA              | RDA5802HS        |
| 替代 | A | 1401-5802ES-000 | 收音机IC              | FM, RDA5802ES                              | U906                   | 0 | RDA              | RDA5802ES        |
| 57 | A | 1401-MT6612-000 | 蓝牙IC               | MT6612                                     | U901                   | 1 | MTK              | MT6612           |
| 58 | A | 1401-2866AT-000 | 存贮IC               | 128+64, K5N2866ATD-BQ12                    | U401                   | 1 | samsung          | K5N2866ATD-BQ12  |
| 65 | A | 1401-AW6302-000 | SIM卡转换IC           | AW6302QNR                                  | U505, U506             | 2 | 艾为               | AW6302QNR        |
| 60 | A | 1401-MT6253-DV0 | 基带IC               | MT6253DV                                   | U101                   | 1 | MTK              | MT6253DV         |
| 61 | A | 1401-SI5853-000 | 充电管理IC             | SI5853DC                                   | U203                   | 1 | Vishay Siliconix | SI5853DC         |
| 62 | A | 2107-BAV020-000 | 电池连接器              | 高4.5, 带定位柱, WKBAV020-B31P                  | BT201                  | 1 | 杰顺通              | WKBAV020-B31P    |
| 63 | A | 2103-010150-000 | I/O插座              | 10PIN IO连接器, 沉版<br>1.0mm, USBC0-01015-TP01 | I0501                  | 1 | 皇泽               | USBC0-01015-TP01 |
| 64 | A | 2103-21051C-000 | I/O插座              | 10PIN IO连接器, 沉版1.0mm                       | I0501                  | 0 | 达擎               | UA1007040370-24  |
| 65 | A | 2105-KSM019-000 | SIM卡座              | 1.6高, WKSM019-1501                         | J501, J507, J508, J509 | 4 | 杰顺通              | WKSM019-1501     |
| 66 | A | 2101-5012A0-000 | 24pin连接器<br>socket | 24pin B2B连接器, 1.5mm, socket                | J504                   | 1 | 华富               | 5.012A0-024-1R0  |
| 67 | A | 2108-TFH010-000 | T-F卡座              | 1.6高, WKTFH010-S05                         | SD402                  | 1 | 杰顺通              | WKTFH010-S05     |
| 68 | A | 5301-F01000-001 | 基带屏蔽罩              | F01基带屏蔽罩V1.0                               | SC100                  | 1 |                  |                  |
| 69 | A | 5309-F01000-000 | TV屏蔽罩              | F01 TV屏蔽罩                                  | SC900                  | 1 |                  |                  |
| 70 | A | 2301-F01A00-011 | 主板PCB              | F01_V1.1主板PCB                              |                        | 1 |                  |                  |

















| 序号 | 类别 | 物料编码            | 物料名称 | 描述                         | 位号  | 用量 | 供应商   | 供应料号            |
|----|----|-----------------|------|----------------------------|---|----|-------|-----------------|
| 1  | C  | 0503-0000JB-A01 | 电阻   | 0 ohm, ±5%, 1/16W, 0402    | L101, L102, R209, R210, R318, R505, L601, L604, L606, R607, R609, R520, R521, | 13 | YAGEO | RC0402JR-070RL  |
| 替代 | C  | 0503-0000JB-A02 | 电阻   | 0 ohm, ±5%, 1/16W, 0402    | L101, L102, R209, R210, R318, R505, L601, L604, L606, R607, R609, R520, R521, | 0  | ROHM  | MCR01MZPJ000    |
| 2  | C  | 0503-020SFE-C01 | 电阻   | 0.2 ohm, ±1%, 1/4W, 0805   | R213  | 1  | YAGEO | RL0805FR-7W0R2  |
| 替代 | C  | 0503-020SFB-C02 | 电阻   | 0.2 ohm, ±1%, 1/4W, 0805   | R213  | 0  | ROHM  | MCR10EZHFLR200  |
| 4  | C  | 0503-068FJF-B01 | 电阻   | 6.8ohm, ±5%, 1/10W, 0603   | R212  | 1  | YAGEO | RC0603JR-076R8  |
| 5  | C  | 0503-0330JB-A01 | 电阻   | 33ohm, ±5%, 1/16W, 0402    | R501, R503  | 2  | YAGEO | RC0402JR-0733R  |
| 6  | C  | 0503-0510JB-A01 | 电阻   | 51 ohm, , ±5%, 1/16W, 0402 | R608  | 1  | YAGEO | RC0402JR-0751R  |
| 7  | C  | 0503-0101JB-A01 | 电阻   | 100 ohm, ±5%, 1/16W, 0402  | R304, R305  | 2  | YAGEO | RC0402JR-07100R |
| 8  | C  | 0503-0331JB-A01 | 电阻   | 330ohm, ±5%, 1/16W, 0402   | R507, R508, R509, R514, R515, R516, R517, R518                                | 8  | YAGEO | RC0402JR-07330R |
| 9  | C  | 0503-0102JB-A01 | 电阻   | 1Kohm, ±5%, 1/16W, 0402    | R204, R205, R306, R308, R311, R316, R504                                      | 7  | YAGEO | RC0402JR-071K   |
| 10 | C  | 0503-0152JB-A01 | 电阻   | 1.5Kohm, ±5%, 1/16W, 0402  | R301, R302, R307  | 3  | YAGEO | RC0402JR-071K5L |
| 11 | C  | 0503-0512FB-A01 | 电阻   | 5.1Kohm, ±1%, 1/16W, 0402  | R101, R207  | 2  | YAGEO | RC0402FR-075K1L |
| 12 | C  | 0503-0752JB-A01 | 电阻   | 7.5 Kohm, ±5%, 1/16W, 0402 | R303  | 1  | YAGEO | RC0402JR-077K5L |
| 13 | C  | 0503-0103JB-A01 | 电阻   | 10Kohm, ±5%, 1/16W, 0402   | R206, R317, R401, R604, R905, R906  | 6  | YAGEO | RC0402JR-0710K  |
| 14 | C  | 0503-0153JB-A01 | 电阻   | 15K ohm, ±5%, 1/16W, 0402  | R901  | 1  | YAGEO | RC0402JR-0715KL |
| 15 | C  | 0503-0203JB-A01 | 电阻   | 20K ohm, ±5%, 1/16W, 0402  | R605  | 1  | YAGEO | RC0402JR-0720K  |
| 16 | C  | 0503-0473JB-A01 | 电阻   | 47Kohm, ±5%, 1/16W, 0402   | R904  | 1  | YAGEO | RC0402JR-0747K  |
| 17 | C  | 0503-0104JB-A01 | 电阻   | 100Kohm, ±5%, 1/16W, 0402  | R102, R105  | 2  | YAGEO | RC0402JR-07100K |

|    |   |                 |      |   |  |    |         |                        |
|----|---|-----------------|------|---|--|----|---------|------------------------|
| 18 | B | 0506-AVLC5S-007 | 压敏电阻 | Varistor, 5.5V, 50pF, , AVLC-5S-02-050, 0402, AMOTECH | C501, C525, C522, C523, C524, T201, T446, T447, T448, T449, T450, T451, T452, T453, T454, T457, T459, T460, T461, T462, T463, T501, T506, T508, T303, T304, T307, T308, T458 | 29 | AMOTECH | AVLC-5S-02-050         |
| 替代 | B | 0506-050E56-008 | 压敏电阻 | SFI0402-050E560NP-LF                                  | C501, C525, C522, C523, C524, T201, T446, T447, T448, T449, T450, T451, T452, T453, T454, T457, T459, T460, T461, T462, T463, T501, T506, T508, T303, T304, T307, T308, T458 | 0  | SFI     | SFI0402-050E560NP-LF   |
| 19 | C | 0602-18FC8A-A03 | 电容   | 1.8pF, $\pm 0.25$ pF, 50V, COG, 0402                  | C622, C628   | 2  | Murata  | GRM1555C1H1R8CZ01<br>D |
| 替代 | C | 0602-18FC8A-A01 | 电容   | 1.8pF, $\pm 0.25$ pF, 50V, COG, 0402                  | C622, C628   | 0  | YAGEO   | CC0402CRNP09BN1R8      |
| 20 | C | 0602-22FC8A-A03 | 电容   | 2.2pF, $\pm 0.25$ pF, 50V, COG, 0402                  | C626, C629,  | 2  | Murata  | GRM1555C1H2K2CZ01<br>D |
| 替代 | C | 0602-22FC8A-A01 | 电容   | 2.2pF, $\pm 0.25$ pF, 50V, COG, 0402                  | C626, C629,  | 0  | YAGEO   | CC0402CRNP09BN2R2      |
| 21 | C | 0602-56FB8A-A03 | 电容   | 5.6pF, $\pm 0.25$ pF, 50V, COG, 0402                  | C615   | 1  | Murata  | GRM1555C1H5R0CZ01<br>D |
| 替代 | C | 0602-56FC8A-A01 | 电容   | 5.6pF, $\pm 0.25$ pF, 50V, COG, 0402                  | C615   | 0  | YAGEO   | CC0402CRNP09BN5R6      |
| 22 | C | 0602-60FJ8A-A03 | 电容   | 6pF, $\pm 0.5$ , 50V, COG, 0402                       | C603   | 1  | Murata  | GRM1555C1H0K0DZ01<br>D |
| 替代 | C | 0602-60FD8A-A01 | 电容   | 6pF, $\pm 0.5$ , 50V, COG, 0402                       | C603   | 0  | YAGEO   | CC0402DRNP09BN6R0      |
| 23 | C | 0602-220J8A-A03 | 电容   | 22pF, $\pm 5\%$ , 50V, COG, 0402                      | C209, C210, C602, C609, C623, C627, C653, C654   | 8  | Murata  | GRM1555C1H220JZ01<br>D |
| 替代 | C | 0602-220J8A-A01 | 电容   | 22pF, $\pm 5\%$ , 50V, COG, 0402                      | C209, C210, C602, C609, C623, C627, C653, C654   | 0  | YAGEO   | CC0402JRN09BN220       |
| 24 | C | 0602-330J8A-A03 | 电容   | 33pF, $\pm 5\%$ , 50V, COG, 0402                      | C308, C309, C313, C314, C315, C332, C333, T507, C613, C614, C619, T305, T306   | 13 | Murata  | GRM1555C1H330JZ01<br>D |
| 替代 | C | 0602-330J8A-A01 | 电容   | 33pF, $\pm 5\%$ , 50V, COG, 0402                      | C308, C309, C313, C314, C315, C332, C333, T507, C613, C614, C619, T305, T306   | 0  | YAGEO   | CC0402JRN09BN330       |
| 25 | C | 0602-560J8A-A03 | 电容   | 56pF, 50V, $\pm 5\%$ , COG, 0402                      | C901   | 1  | Murata  | GRM1555C1H560JZ01<br>D |
| 替代 | C | 0602-560J8A-A01 | 电容   | 56pF, $\pm 5\%$ , 50V, COG, 0402                      | C901   | 0  | YAGEO   | CC0402JRN09BN560       |

|    |   |                 |    |                              |  |    |        |                        |
|----|---|-----------------|----|------------------------------|--|----|--------|------------------------|
| 26 | C | 0602-101J8A-A03 | 电容 | 100pF, ±5%, 50V, COG, 0402   | C312, C334   | 2  | Murata | GRM1555C1H101J201<br>D |
| 替代 | C | 0602-101J8A-A01 | 电容 | 100pF, ±5%, 50V, COG, 0402   | C312, C334   | 0  | YAGEO  | CC0402JRNPO9BN101      |
| 27 | C | 0602-221J6A-A03 | 电容 | 220pF, ±5%, 25V, COG, 0402   | C610   | 1  | Murata | GRM1555C1HZZ1JA01<br>D |
| 替代 | C | 0602-221J6A-A01 | 电容 | 220pF, ±5%, 25V, COG, 0402   | C610   | 0  | YAGEO  | CC0402JRNPO8BN221      |
| 28 | C | 0602-102K8C-A03 | 电容 | 1nF, ±10%, 50V, X7R, 0402    | C324, C328, C637, C902   | 4  | Murata | GRM155R71H102KA01D     |
| 替代 | C | 0602-102K8C-A01 | 电容 | 1nF, ±10%, 50V, X7R, 0402    | C324, C328, C637, C902   | 0  | YAGEO  | CC0402KRX7R9BB102      |
| 29 | C | 0602-333K4D-A03 | 电容 | 33nF, ±15%, 16V, X7R, 0402   | C327, C330   | 2  | Murata | GRM155R71C333KA01<br>D |
| 替代 | C | 0602-333K4D-A01 | 电容 | 33nF, ±15%, 16V, X7R, 0402   | C327, C330   | 0  | YAGEO  | CC0402KRX7R7BB333      |
| 30 | C | 0602-105K3C-B01 | 电容 | 1uF, ±10%, 10V, X5R, 0603    | C200   | 1  | YAGEO  | CC0603KRX5R6BB105      |
| 31 | C | 0602-104K3C-A03 | 电容 | 100nF, ±10%, 10V, X7R, 0402  | C203, C204, C205, C206, C207, C303, C304, C310, C311, C331, C401, C512, C513, C517, C521, C604, C621, C624, C904, C905, C907, C908, C531, C534                                     | 24 | Murata | GRM155R71A104KA01<br>D |
| 替代 | C | 0602-104K3C-A01 | 电容 | 100nF, ±10%, 10V, X5R, 0402  | C203, C204, C205, C206, C207, C303, C304, C310, C311, C331, C401, C512, C513, C517, C521, C604, C621, C624, C904, C905, C907, C908, C531, C534                                     | 0  | YAGEO  | CC0402KRX5R6BB104      |
| 32 | C | 0602-105K2C-A03 | 电容 | 1uF, ±10%, 6.3V, X5R, 0402   | C201, C211, C212, C214, C216, C217, C218, C220, C221, C222, C223, C224, C225, C226, C227, C234, C325, C329, C402, C505, C506, C616, C620, C906, C909, C911, C912, C913, C540, C541 | 30 | Murata | GRM155R60J105KE19<br>D |
| 替代 | C | 0602-105K2C-A01 | 电容 | 1uF, ±10%, 6.3V, X5R, 0402   | C201, C211, C212, C214, C216, C217, C218, C220, C221, C222, C223, C224, C225, C226, C227, C234, C325, C329, C402, C505, C506, C616, C620, C906, C909, C911, C912, C913, C540, C541 | 0  | YAGEO  | CC0402KRX5R5BB105      |
| 33 | C | 0602-225K2C-B03 | 电容 | 2.2uF, ±10%, 6.3V, X5R, 0603 | C903, C530, C532, C533, C535   | 5  | Murata | GRM155R60J225KE19<br>D |



|    |   |                 |     |  |  |   |          |                    |
|----|---|-----------------|-----|--|--|---|----------|--------------------|
| 替代 | C | 0602-225K3C-B03 | 电容  | 2.2uF, ±10%, 10V, X5R, 0603                      | C903, C530, C532, C533, C535             | 0 | Murata   | GRM188R01A225KA01  |
| 替代 | C | 0602-225K2C-B01 | 电容  | 2.2uF, ±10%, 6.3V, X5R, 0603                     | C903, C530, C532, C533, C535             | 0 | YAGEO    | CC0603KRX5R5BB225  |
| 34 | C | 0602-475K2C-B03 | 电容  | 4.7uF, ±10%, 6.3V, X5R, 0603                     | C202, C213, C215, C219, C229, C335       | 6 | Murata   | GRM188R60J475KE19D |
| 替代 | C | 0602-475K2C-B01 | 电容  | 4.7uF, ±10%, 6.3V, X5R, 0603                     | C202, C213, C215, C219, C229, C335       | 0 | YAGEO    | CC0603KRX5R5BB475  |
| 35 | C | 0602-106K2C-B03 | 电容  | 10uF, ±20%, 6.3V, X5R, 0603                      | C316, C317, C605                         | 3 | Murata   | GRM188R00J100ME47  |
| 替代 | C | 0602-106K2C-B01 | 电容  | 10uF, ±20%, 6.3V, X5R, 0603                      | C316, C317, C605                         | 0 | YAGEO    | CC0603MRX5R5BB106  |
| 36 | C | 0602-226K2E-C03 | 电容  | 22uF, ±20%, 6.3V, Y5V, 0805                      | C230, C306, C307, C235                   | 4 | Murata   | GRM218R00J220ME59  |
| 替代 | C | 0602-226K2E-C01 | 电容  | 22uF, ±20%, 6.3V, Y5V, 0805                      | C230, C306, C307, C235                   | 0 | YAGEO    | CC0805MKX5R5BB226  |
| 37 | B | 0601-107M20-B04 | 钽电容 | 100uF, ±15%, 6.3V, ESR=1.3, H=1.1mm, 3.5*2.8*1.1 | C655                                     | 1 | NEC      | TEESVB30J107M8R    |
| 替代 | B | 0601-107M20-B05 | 钽电容 | 100uF, 6.3V, H=1.1mm, ESR=1.3, F920J107MBA       | C655                                     | 0 | NICHICON | F920J107MBA        |
| 38 | C | 0701-51FSA7-001 | 电感  | 5.1nH, ±0.3nH, 0402, 0.24ohm, 300mA, Monolithic  | L618                                     | 1 | Sunlord  | SDCL1005C5N1STF    |
| 替代 | C | 0701-51FSA1-000 | 电感  | 5.1nH, ±0.3nH, 0402, 0.24ohm, 300mA, Monolithic  | L618                                     | 0 | Murata   | LQG15HN5N1S02D     |
| 39 | C | 0701-180JA7-001 | 电感  | 18nH, ±5%, 0402, 0.65ohm, 300mA, Monolithic      | L617, C617                               | 2 | Sunlord  | SDCL1005C18NJTF    |
| 替代 | C | 0701-180JA1-000 | 电感  | 18nH, ±5%, 0402, 0.65ohm, 300mA, Monolithic      | L617, C617                               | 0 | Murata   | LQG15HS18NJ02D     |
| 40 | C | 0703-472MJ1-000 | 电感  | 4.7uH, ±20%, 0806, 0.8ohm, 300mA, Wire wound     | L202                                     | 1 | Murata   | LQH2MCN4R7M02      |
| 替代 | C | 0703-47FEC8-000 | 电感  | 4.7uH, ±20%, 0805, 0.25ohm, 280mA                | L202                                     | 0 | 麦捷       | MGFL2012C4R7MT-LF  |
| 41 | B | 0801-05G750-000 | 磁珠  | 75 ohm @100MHz, 0402, 600mA                      | L317, L318, L603, L611, L613, L614, L615 | 7 | Sunlord  | SZ1005G750TF       |
| 替代 | B | 0801-15BB75-000 | 磁珠  | 75 ohm @100MHz, 0402, 300mA                      | L317, L318, L603, L611, L613, L614, L615 | 0 | Murata   | BLM15BB750SN1      |

|    |   |                 |             |  |  |   |              |                      |
|----|---|-----------------|-------------|--|--|---|--------------|----------------------|
| 替代 | B | 0801-NBQ100-001 | 磁珠          | 磁珠, 75 ohm, NBQ100505T-750Y-N  | L317, L318, L603, L611, L613, L614, L615 | 0 | 奇力新          | NBQ100505T-750Y-N    |
| 42 | B | 0801-05B182-000 | 磁珠          | 1800 ohm @100MHz, 0402,  | L501, L502, L503                         | 3 | Sunlord      | SZ1005K182TF         |
| 替代 | B | 0801-15BD18-000 | 磁珠          | 1800 ohm @100MHz, 0402,  | L501, L502, L503                         | 0 | Murata       | BLM15BD182SN1        |
| 43 | B | 0801-05K102-000 | 磁珠          | 1000 ohm @100MHz, 0402, 1200@1GHz, 50mA                                      | L307, L308                               | 2 | Sunlord      | HZ1005K102TF         |
| 44 | B | 0801-08D601-000 | 磁珠          | 600 ohm, 100MHz, 0603, 500mA   | L504                                     | 1 | Sunlord      | HPZ1608D601-R50TF    |
| 替代 | B | 0801-18EG60-000 | 磁珠          | 600 ohm @100MHz, 0603, 700 ohm @1GHz, 500mA                                  | L504                                     | 0 | Murata       | BLM18EG601SN1        |
| 替代 | B | 0801-PBY160-001 | 磁珠          | 600 ohm, 100MHz, 0603, 500mA   | L504                                     | 0 | 奇力新          | PBY160808T-601Y-N    |
| 45 | B | 0801-15HD10-000 | 磁珠          | 1000 ohm @100MHz, 0402, 2000@1GHz, 250mA                                     | L313, L314, L319, L320                   | 4 | Murata       | BLM15HD102SN1D       |
| 46 | B | 0801-08E181-000 | 磁珠          | 1800 ohm @100MHz, 0603,  | L203, L204, L315, L316                   | 4 | Sunlord      | UPZ1608E181-2R0TF    |
| 替代 | B | 0801-18PG18-000 | 磁珠          | 1800 ohm @100MHz, 0603,  | L203, L204, L315, L316                   | 0 | Murata       | BLM18PG181SN1        |
| 48 | A | 1800-942MCM-000 | 声表滤波器       | 二合一, SAWEN942MCM0F00R12  | Z601                                     | 1 | Murata       | 2                    |
| 替代 | A | 1800-B39182-000 | 声表滤波器       | B39182B9501L310  | Z601                                     | 0 | EPCOS        | B9501                |
| 49 | A | 1800-AM1T61-000 | 蓝牙滤波器       | RFBPB2012090AM9FNH   | U902                                     | 1 | WALSIN       | RFBD2012090AM9FNH    |
| 替代 | A | 1800-M2450H-000 | 蓝牙滤波器       | MBF21M2450H133-M13/1   | U902                                     | 0 | 麦捷           | MBF21M2450H133-M13/1 |
| 50 | A | 2200-MS3VT1-000 | 32.768KHZ晶振 | 晶振, Crystal, , 32.768KHz, ±20ppm, 12.5pF, , MS3V-T1R, SSP-T7-F, MICROCRYSTAL | X201                                     | 1 | MICROCRYSTAL | MS3V-T1R             |
| 替代 | A | 2200-SSPT7F-001 | 32.768KHZ晶振 | 32.768KHz, LC12.5PF, +/-20ppm, 12.5pF, 0                                     | X201                                     | 0 | SII          | SSP-T7-F             |
| 替代 | A | 2200-MC1460-002 | 32.768KHZ晶振 | 32.768KHz, 12.5pF, ±20ppm, MC-146  | X201                                     | 0 | EPSON        | MC-146               |
| 51 | A | 2200-7M2600-000 | 26M晶振       | 7M26000028   | U602                                     | 1 | TXC          | 7M26000028           |
| 52 | A | 1100-PZ5D4V-000 | 稳压管         | 5.1V, Ir=2 μ A, Pd=500mW, SOD-523  | D201                                     | 1 | Prisemi      | PZ5D4V2H             |
| 53 | A | 1100-52C5V6-000 | 稳压管         | 5.6V, Ir=0.1 μ A, Pd=150mW, SOD-523  | D202                                     | 1 | SINO-IC      | SEZ52C5V6            |
| 54 | A | 1401-RF7166-000 | 射频PA        | RF7166   | U601                                     | 1 | RFMD         | RF7166               |

|    |   |                 |                    |  |                        |   |                  |                  |
|----|---|-----------------|--------------------|--|------------------------|---|------------------|------------------|
| 55 | A | 1401-AW8145-000 | 音频功放               | D类音频功放, AW8145CSR                          | U301                   | 1 | 艾为               | AW8145CSR        |
| 56 | A | 1401-5802HS-000 | 收音机IC              | RDA5802HS                                  | U906                   | 1 | RDA              | RDA5802HS        |
| 替代 | A | 1401-5802ES-000 | 收音机IC              | FM, RDA5802ES                              | U906                   | 0 | RDA              | RDA5802ES        |
| 57 | A | 1401-MT6612-000 | 蓝牙IC               | MT6612                                     | U901                   | 1 | MTK              | MT6612           |
| 58 | A | 1401-2866AT-000 | 存贮IC               | 128+64, K5N2866ATD-BQ12                    | U401                   | 1 | samsung          | K5N2866ATD-BQ12  |
| 65 | A | 1401-AW6302-000 | SIM卡转换IC           | AW6302QNR                                  | U505, U506             | 2 | 艾为               | AW6302QNR        |
| 60 | A | 1401-MT6253-DV0 | 基带IC               | MT6253DV                                   | U101                   | 1 | MTK              | MT6253DV         |
| 61 | A | 1401-SI5853-000 | 充电管理IC             | SI5853DC                                   | U203                   | 1 | Vishay Siliconix | SI5853DC         |
| 62 | A | 2107-BAV020-000 | 电池连接器              | 同4.5, 带定位柱, WKBAV020-B31P                  | BT201                  | 1 | 杰顺通              | WKBAV020-B31P    |
| 63 | A | 2103-010150-000 | I/O插座              | 10PIN IO连接器, 沉版<br>1.0mm, USBC0-01015-TP01 | I0501                  | 1 | 皇泽               | USBC0-01015-TP01 |
| 64 | A | 2103-21051C-000 | I/O插座              | 10PIN IO连接器, 沉版1.0mm                       | I0501                  | 0 | 达擎               | UA1007040370-24  |
| 65 | A | 2105-KSM019-000 | SIM卡座              | 1.6高, WKSM019-1501                         | J501, J507, J508, J509 | 4 | 杰顺通              | WKSM019-1501     |
| 66 | A | 2101-5012A0-000 | 24pin连接器<br>socket | 24pin B2B连接器,<br>1.5mm, socket             | J504                   | 1 | 华富               | 5.012A0-024-1R0  |
| 67 | A | 2108-TFH010-000 | T-F卡座              | 1.6高, WKTFH010-S05                         | SD402                  | 1 | 杰顺通              | WKTFH010-S05     |
| 65 | A | 2105-KSM019-000 | SIM卡座              | 1.6高, WKSM019-1501                         | J501, J507, J508, J509 | 4 | 杰顺通              | WKSM019-1501     |
| 66 | A | 2101-5012A0-000 | 24pin连接器<br>socket | 24pin B2B连接器,<br>1.5mm, socket             | J504                   | 1 | 华富               | 5.012A0-024-1R0  |
| 67 | A | 2108-TFH010-000 | T-F卡座              | 1.6高, WKTFH010-S05                         | SD402                  | 1 | 杰顺通              | WKTFH010-S05     |
| 67 | A | 2108-TFH010-000 | T-F卡座              | 1.6高, WKTFH010-S05                         | SD402                  | 1 | 杰顺通              | WKTFH010-S05     |













