

| K5S_MB_V12_D1 |                     |  |        |
|---------------|---------------------|--|--------|
| NO.           | PROJECT             | IC   | NOTE   |
| 1             | BB                  | MT6737V/W  |        |
| 2             | RAM+ROM             | EMMC+LPDDR3  | 16G+1G |
| 3             | RF frequency band   | GSM:850/900/1800/1900<br>3G:B2/B4/B5 LTE:B2/B4/B12/B17 |        |
| 4             | RF PA               | AP7219   |        |
| 5             | Antenna Switch      | AP6710   |        |
| 6             | WIFI+BT+FM+GPS      | MT6625   |        |
| 7             | Audio PA Mode K     | AW8736   |        |
| 8             | G-Sensor            | BMA250/DA213-R   |        |
| 9             | P-MOSFET CHARGER IC | AW3210   | 1A     |
| 10            | LCM Driver IC       | CP2123   | PWM    |
| 11            | FLASH LED Driver IC | AW3641E  | 1A     |

| Circuit Material Of MainBoard |   |   |   |          |               |                     |  |
|-------------------------------|---|---|---|----------|---------------|---------------------|--|
| NO.                           | Item  | English description                               | Material code                             | Quantity | Location code | production company  |  |
| 1                             | Processor<br>12.6x12.6x1.0mm                      | CPU   | MT6737V/W                                 | 1        | U1001         | MTK                 |  |
| 2                             | Power Management<br>6.6x6.6x1.0mm                 | Power Management                                  | MT6328V                                   | 1        | U0901         | MTK                 |  |
| 3                             | RF Transceiver System<br>6.2x5.4x1.0mm            | RF Transceiver System                             | MT6169                                    | 1        | U0401         | MTK                 |  |
| 4                             | Discrete LPDDR3 178-FBGA<br>8Gb                   | DDR3  | K4E8E324EE_EGCF<br>K4E8E324EB_EGCF        | 1        | U1002         | Samsung<br>Samsung  |  |
| 5                             | Discrete EMMC 153-FBGA<br>16GB                    | EMMC  | KLMAG2WEPD-B031                           | 1        | U1003         | Samsung             |  |
| 6                             | VCTCXO (26MHz)                                    | VCTCXO (26MHz)                                    | EXS00A-CS05258<br>RXT2520AT<br>OZ26000004 | 1        | U0402         | NDK<br>RAKON<br>TXC |  |
| 8                             | LTE Multinode multiband Power<br>amplifier module | LTE Multinode multiband Power<br>amplifier module | AP7219                                    | 1        | U0301         | AIROHA              |  |
| 9                             | LTE Switch<br>5.5x5.3x0.8mm                       | LTE Switch<br>5.5x5.3x0.8mm                       | AP6710                                    | 1        | U0101         | AIROHA              |  |
| 10                            | Band 2 SAW Duplexer                               | Band 2 SAW Duplexer                               | SAYEY1G88CA0B0A                           | 1        | U0109         | MURATA              |  |
| 11                            | Band 4 SAW Duplexer                               | Band 4 SAW Duplexer                               | D6RB2G132E1DF                             | 1        | U0110         | taivo               |  |
| 12                            | Band 5 SAW Duplexer                               | Band 5 SAW Duplexer                               | SAYEY836MCA0F0A                           | 1        | U0111         | MURATA              |  |
| 14                            | Band 12 SAW Duplexer                              | Band 12 SAW Duplexer                              | SAYEY707MBA0F0A                           | 1        | U0112         | MURATA              |  |
| 15                            | Band 2 RX SAW Balance 1109                        | Band 2 RX SAW Balance 1109                        | SAFFB1G96FN0F0A                           | 1        | U0206         | MURATA              |  |

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| 16 | Band 4 RX SAW Balance 1109  | Band 4 RX SAW Balance 1109          | F6QG2G140P2KA  | 1 | U0207               | taiyo           |  |
| 19 | Band 12 RX SAW Balance 1109 | Band 12 RX SAW Balance 1109         | SAFFB737MFA0F0A  | 1 | U0203               | taiyo           |  |
| 20 | GSM900 RX SAW Balance 1109  | GSM900 RX SAW Balance 1109          | SAFFB942MFB0F0A  | 1 | U0102               | MURATA          |  |
| 21 | PCS1800 RX SAW Balance 1109 | PCS1800 RX SAW Balance 1109         | SAFFB1G84FLOF0A  | 1 | U0103               | MURATA          |  |
| 22 | SP6T Antenna Switch         | SP6T Antenna Switch                 | AW9106   | 1 | U0201               | AIRAHO          |  |
| 23 | P-MOSFET CHARGER IC         | P-MOSFET CHARGER IC                 | AW3210ADNR   | 1 | U0904               | Awinic          |  |
| 24 | AL&P SENSOR                 | AL&P SENSOR                         | STK3311-X  | 1 | U1301               | xichuang        |  |
| 25 | G-Sensor                    | G-Sensor                            | BMA250<br>DA213-R  | 1 | U1302               | Bosh<br>MINGHAO |  |
| 26 | FLASH LED Driver IC         | FLASH LED Driver IC                 | AW3641EDNR   | 1 | U1503               | Awinic          |  |
| 27 | LED Driver IC               | LED Driver IC                       | CP2123ST-A2<br>DIO5662   | 1 | U1502               | DIOO            |  |
| 28 | Flash LED                   | Flash LED                           | L-SE688W1D-L01-3T  | 1 | D1502               | LEEDCON         |  |
| 26 | RF Test connector           | RF Test connector-2*2               | C90P106-00004AH<br>R4103   | 2 | J0101, J0201        |                 |  |
| 27 | 25PIN FPC CON               | 25PIN FPC CON FPC=0.20              | T03-1025-FG01<br>C30301-320250<br>OK-F302-25115<br>CFPC0310-25RL-TAG                                 | 3 | J1501, J1503, J1504 |                 |  |
| 28 | 15PIN FPC CON               | 15PIN FPC CON FPC=0.20              | FH26-15S-03SHW<br>PH270H-015G10M<br>OK-F302-15115<br>CFPC0310-15RL-TAG                               | 1 | J1405               |                 |  |
| 29 | Battery connector           | 1.5H 3.0PITCH 3PIN 0.8H<br>0.4mmBTB | B51-AB03F08C<br>BATYC-1503S1-TP86<br>BA-1513-011   | 1 | J0901               |                 |  |
| 30 | 3.5mm ear CON               | 3.5mm ear CON                       | PH23-4B14F38A  | 1 | J1202               |                 |  |
| 31 | SIM Card                    | micro sim-card                      | S34-0B08F15A<br>ALP-SIML815-15B<br>MSI06-15127MA22<br>JS52-0815-01AF<br>SIM40-8K13003<br>SA-1510-001 | 2 | J1407 J1408         |                 |  |
| 32 | T Card Con                  | 1.5H T-CARD                         | T07-BB92F151<br>TFSYY-00815-TP09<br>JT02-0915-A1<br>A-WKTF09-B11001-10                               | 1 | J1403               |                 |  |
| 33 | USB Con                     | USB Con                             | JUSB014-A090530120<br>USM01-05960AF017<br>US0170521K-R   | 1 | J1406               |                 |  |
| 34 | 6PIN FPC CON                | 6PIN FPC CON                        | OK-F503-06125<br>046298706000883+  | 1 | J1502               |                 |  |

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| 34 | ANT CONNECT                    | ANT CONNECT                      | C30512-320060<br>CFPC0509B-06R-TAG                                    | 1  |  |       |
| 35 | Coaxial line Test connector    | 3-rd Coaxial line Test connector | C89P104-01001AH<br>ECT818000157                                       | 1  | ANT0101  |       |
| 36 | ANT CONNECT                    | ANT CONNECT                      | ALP-TCU1013P19-JS01<br>CD-SP0013-J029A<br>BSR40001G228<br>AT-1201-001 | 5  | ANT0204, ANT0205, ANT0203, ANT1101, ANT1102  |       |
| 40 | Cap 0.5pF,0201,NPO,50V,±0.1pF  | SMD Capacitance                  | CC0201BRNPO9BNR50   | 2  | C0121, L0219   | YAGEO |
| 41 | Cap 1pF,0201,NPO,50V,±0.1pF    | SMD Capacitance                  | CC0201BRNPO9BN1R0   | 2  | C0334, C0335   | YAGEO |
| 42 | Cap 1.2pF,0201,NPO,50V,±0.1pF  | SMD Capacitance                  | CC0201BRNPO9BN1R2   | 3  | C0343, C0344, L0216  | YAGEO |
| 43 | Cap 2.2pF,0201,NPO,25V,±0.25pF | SMD Capacitance                  | CC0201CRNPO8BN2R2   | 1  | C0326  | YAGEO |
| 45 | Cap 3.3pF,0201,NPO,50V,±0.1pF  | SMD Capacitance                  | CC0201BRNPO9BN3R3   | 2  | C0331, C0332   | YAGEO |
| 46 | Cap 3.9pF,0201,NPO,50V,±0.1pF  | SMD Capacitance                  | CC0201BRNPO9BN3R9   | 1  | L0306  |       |
| 47 | Cap 4.0pF,0201,NPO,25V,±0.1pF  | SMD Capacitance                  | CQ0201BRNPO8BN4R0   | 1  | L0305  | YAGEO |
| 47 | Cap 4.7pF,0201,NPO,25V,±0.1pF  | SMD Capacitance                  | CQ0201BRNPO8BN4R7   | 1  | C0223  | YAGEO |
| 48 | Cap 5.0pF,0201,NPO,25V,±0.1pF  | SMD Capacitance                  | CQ0201BRNPO8BN5R0   | 7  | C0120, C0122, C0222, C0137, C0138 C0230 C0231  | YAGEO |
| 49 | Cap 5.6pF,0201,NPO,25V,±0.1pF  | SMD Capacitance                  | CQ0201BRNPO8BN5R6   | 4  | C0131, C0132, C0219, C0220   | YAGEO |
| 50 | Cap6.2pF,0201,NPO,25V,±0.1pF   | SMD Capacitance                  | CQ0201BRNPO8BN6R2   | 1  | L0141  | YAGEO |
| 50 | Cap6.8pF,0201,NPO,25V,±0.1pF   | SMD Capacitance                  | CQ0201BRNPO8BN6R8   | 2  | C0124, C0125,  | YAGEO |
| 51 | Cap 8.2pF,0201,NPO,25V,±0.1pF  | SMD Capacitance                  | CQ0201BRNPO8BN8R2   | 3  | C0345, C0234, C0235  | YAGEO |
| 52 | Cap 10pF,0201,NPO,25V,±0.1pF   | SMD Capacitance                  | CC0201DRNPO8BN100   | 5  | C0104, C0206, C0140, C0141, C0119  | YAGEO |
| 53 | Cap 15pF,0201,NPO,25V,±5%      | SMD Capacitance                  | CC0201JPNPO9BN150   | 1  | L0303  | YAGEO |
| 54 | Cap 18pF,0201,NPO,25V,±2%      | SMD Capacitance                  | CC0201GRNPO9BN180   | 3  | C0203, C0204, C0205  | YAGEO |
| 56 | Cap 33pF,0201,NPO,25V,±5%      | SMD Capacitance                  | CC0201JRNPO8BN330   | 14 | C0108, C0109, C0202, C0333, C0336, C1205, C1206, C1208, C1209, C1213, C1214, C1231, C1232, L0304 | YAGEO |
| 57 | Cap 100pF,0201,NPO,25V,±5%     | SMD Capacitance                  | CC0201JPNPO8BN101   | 9  | C0316, C0317, C0319, C0337, C1204, C1207, C1212, , C1302, C1308                                  | YAGEO |
| 58 | Cap 1nF,0201,X7R,25V,±10%      | SMD Capacitance                  | CC0201KRX7R8BB102   | 2  | C0339 C0941  | YAGEO |
| 59 | Cap 10nF,0201,X5R,6.3V,±10%    | SMD Capacitance                  | CC0201KRX5R5BB103   | 1  | C0107  | YAGEO |

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| 60 | Cap 100nF, <b>0201</b> ,X5R,6.3V,±10% | SMD Capacitance | CC0201KRX5R5BB104                       | 58 | C0105, C0338, C0401, C0402, C0403, C0404, C0405, C0406, C0407, C0501, C0502, C0504, C0505, C0506, C0822, C0824, C0827, C0828, C0829, C0830, C083 | YAGEO           |
| 61 | Cap 220nF, <b>0201</b> ,X5R,6.3V,±10% | SMD Capacitance | CC0201KRX5R5BB224                       | 3  | C0856, C0857, C1034  | YAGEO           |
| 62 | Cap 470nF, <b>0201</b> ,X5R,6.3V,±20% | SMD Capacitance | CC0201MRX5R5BB474                       | 3  | C0315, C0320, C0347  | YAGEO           |
| 63 | Cap 1uF, <b>0201</b> ,X5R,6.3V,±20%   | SMD Capacitance | CC0201MRX5R5BB105                       | 47 | C0318, C0503, C0807, C0808, C0809, C0810, C0811, C0812, C0816, C0817, C0818, C0819, C0837, C0838, C0839, C0840, C0841, C0842, C0843              | YAGEO           |
| 64 | Cap 1uF, <b>0603</b> ,X5R,50V,±10%    | SMD Capacitance | CC0603KRX5R7BB105                       | 1  | C0940  | EYANG           |
| 65 | Cap 2.2uF, <b>0402</b> ,X5R,6.3V,±20% | SMD Capacitance | CC0402KRX5R5BB225                       | 19 | C0408, C0825, C0826, C0905, C0906, C0907, C0908, C0909, C0911, C0912, C0920, C0933, C0938, C0939, C1003, C1004, C1301, C1507, C1518              | YAGEO           |
| 66 | Cap 4.7uF, <b>0402</b> ,X5R,6.3V,±10% | SMD Capacitance | CC0402MRX5R5BB475                       | 18 | C0805, C0806, C0820, C0821, C0823, C0835, C0836, C0852, C0910, C0913, C0914, C1001, C1033, C1036, C1413, C1511, C1515, C1525                     | YAGEO           |
| 67 | Cap 2.2uF, <b>0603</b> ,X5R,6.3V,±10% | SMD Capacitance | CC0603KRX5R5BB225                       | 1  | C0956  | YAGEO           |
| 68 | Cap 2.2uF, <b>0805</b> ,X5R,50V,±10%  | SMD Capacitance | CC0805KKX5R9BB225                       | 1  | C1510  | YAGEO           |
| 69 | Cap 4.7uF, <b>0603</b> ,X5R,10V,±10%  | SMD Capacitance | GRM188R61A475K                          | 4  | C1203, C1215, C1222, C1225   | YAGEO           |
| 70 | Cap 10uF, <b>0603</b> ,X5R,6.3V,±20%  | SMD Capacitance | CC0603MRX5R5BB106<br>GRM188R60J106ME19D | 3  | C0919, C1508, C1519  | YAGEO<br>Murata |
| 71 | Cap 22uF, <b>0603</b> ,X5R,6.3V,±20%  | SMD Capacitance | CC0603MRX5R5BB226                       | 11 | C0103, C0802, C0803, C0804, C0813, C0814, C0815, C0834, C0904, C0915, C0927  | YAGEO           |
| 72 | Cap 47uF, <b>0805</b> ,X5R,6.3V,±20%  | SMD Capacitance | CC0805MKX5R5BB476                       | 3  | C0801, C0832, C0833  | YAGEO           |
| 73 | Res <b>0R,0201</b> ,±0.5% 0.05W       | SMD Resistance  | RC0201JR-070RP                          | 31 | C0101, C0201, C0323, C1306, R0103, R0915, R0920, R1006, R1007, R1213, R1214, R1220, R1509, R1511, R0201, R0202, R0302, R0801, R0802, R0803, R080 | YAGEO           |
| 74 | Res <b>1R,0201</b> ,±0.5% 0.05W       | SMD Resistance  | RC0201DR-071RL                          | 1  | R0902  | YAGEO           |
| 75 | Res <b>12R,0201</b> ,±0.5% 0.05W      | SMD Resistance  | RC0201DR-0712RL                         | 1  | R0105  | YAGEO           |
| 76 | Res <b>36R,0201</b> ,±0.5% 0.05W      | SMD Resistance  | RC0201DR-0736RL                         | 1  | R0501  | YAGEO           |
| 77 | Res <b>51R,0201</b> ,±5%0.05W         | SMD Resistance  | RC0201FR-0751RL                         | 1  | R0301  | YAGEO           |
| 78 | Res <b>62R,0201</b> ,±5%0.05W         | SMD Resistance  | RC0201FR-0762RL                         | 1  | R0402  | YAGEO           |
| 79 | Res <b>105R,0201</b> ,±1% 0.05W       | SMD Resistance  | RC0201FR-07105RL                        | 2  | R0401, R0403   | YAGEO           |
| 80 | Res <b>240R,0201</b> ,±1% 0.05W       | SMD Resistance  | RC0201FR-07240RL                        | 2  | R1001, R1002   | YAGEO           |
| 81 | Res <b>442R,0201</b> ,±1% 0.05W       | SMD Resistance  | RC0201FR-07442RL                        | 2  | R0106, R0107   | YAGEO           |
| 82 | Res <b>470R,0201</b> ,±1% 0.05W       | SMD Resistance  | RC0201JR-07470RL                        | 2  | R1218, R1219   | YAGEO           |

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| 83  | Res 2K,0201,±1% 0.05W            | SMD Resistance | RC0201FR-072KP    | 1 | R0404  | YAGEO |
| 84  | Res 1K,0201,±5% 0.05W            | SMD Resistance | RC0201JR-071KL    | 6 | R0903, R0912, R1201, R1204, R1207, R1406               | YAGEO |
| 85  | Res 1.5K,0201,±1% 0.05W          | SMD Resistance | RC0201FR-071K5L   | 1 | R0601  | YAGEO |
| 86  | Res 1.5K,0201,±5% 0.05W          | SMD Resistance | RC0201JR-071K5P   | 3 | R1202, R1203, R1206                                    | YAGEO |
| 87  | Res 4.7K,0201,±5% 0.05W          | SMD Resistance | RC0201JR-074K7P   | 8 | R0603, R0604, R0605, R0606, R0607, R0608, R1301, R1302 | YAGEO |
| 88  | Res 5.1K,0201,±1%                | SMD Resistance | RC0201FR-075K1P   | 1 | R0602  | YAGEO |
| 89  | Res 5.6K,0402,±5%                | SMD Resistance | RC0402JR-075K6L   | 1 | R0910  | YAGEO |
| 90  | Res 8.06K,0201,±1% 0.05W         | SMD Resistance | RC0201FR-078K06L  | 2 | R0502, R0503   | YAGEO |
| 91  | Res 10K,0201,±5% 0.05W           | SMD Resistance | RC0201JR-0710KL   | 2 | R0101, R1506   | YAGEO |
| 92  | Res 24K,0201,±5% 0.05W           | SMD Resistance | RC0201JR-0724KP   | 1 | R0102  | YAGEO |
| 93  | Res 39K,0201,±1%0.05W            | SMD Resistance | RC0201FR-0739KL   | 1 | R0908  | YAGEO |
| 94  | Res 47K,0201,±5% 0.05W           | SMD Resistance | RC0201JR-0747KP   | 3 | RR0505, R1212, R1217                                   | YAGEO |
| 95  | Res 100K,0201,±5% 0.05W          | SMD Resistance | RC0201JR-07100KP  | 2 | R1516 R0410  | YAGEO |
| 96  | Res 200K,0201,±5% 0.05W          | SMD Resistance | RC0201JR-07200KL  | 1 | R0901  | YAGEO |
| 97  | Res 470K,0201,±5% 0.05W          | SMD Resistance | RC0201JR-07470KP  | 1 | R1215  | YAGEO |
| 98  | Res 330K,0201,±1%1/16W (0.0625W) | SMD Resistance | RC0201FR-07330KL  | 1 | R0907  | YAGEO |
| 99  | Res 0R,0402,±5%0.065W            | SMD Resistance | RC0402JR-070RL    | 4 | R0303, R1003, R1004, R1005                             | YAGEO |
| 100 | Res 7.5R,0402,±5%                | SMD Resistance | RC0402JR-077R5L   | 1 | R1508  | YAGEO |
| 101 | Res 3.3K,0402,±5%                | SMD Resistance | AR0402JR-073K3L   | 2 | R0904, B1215   | YAGEO |
| 102 | Res 16.9K,0402,±1%               | SMD Resistance | RT0402BRD0716K9L  | 1 | R0913  | YAGEO |
| 103 | Res 68K,0402,±5%                 | SMD Resistance | RC0402JR-0768KL   | 1 | R1512  | YAGEO |
| 100 | Res 100K,0402,±1%                | SMD Resistance | RC0402FR-07100KL  | 1 | R1507  | YAGEO |
| 104 | Res 390K,0402,±1%1/16W (0.0625W) | SMD Resistance | AR0402FR-07390KL  | 2 | R0304, R1304   | YAGEO |
| 105 | Res 0.33R,0805,±1%,1/4W          | SMD Resistance | RL0805FR-7W0R33L  | 1 | R1513  | YAGEO |
| 106 | Res 0R,0603,±5%                  | SMD Resistance | RC0603JR-070RL    | 2 | B1203,B1204  | YAGEO |
| 107 | Res 0.056R,0805,±1%,1/4W         | SMD Resistance | RL0805FR-7W0R056L | 1 | R0909  | YAGEO |
| 108 | Res 0.01R,1206,±1%,1/4W          | SMD Resistance | RL1206FR-7W0R01L  | 1 | R0926  | YAGEO |
| 109 | Res NTC                          | SMD Resistance | NTCG104EF104F     | 2 | R0305, R1305   | YAGEO |

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| 110 | Inductor 1nH, <b>0201</b> , ±0.1nH,600mA   | SMD Inductance | LQP03TG1N0B02# | 3 | C0130, L0229, L0222         | Murata |
| 111 | Inductor 1.5nH, <b>0201</b> , ±0.1nH,600mA | SMD Inductance | LQP03TG1N5B02# | 2 | C0136, L0220                | Murata |
| 112 | Inductor 1.8nH, <b>0201</b> , ±0.1nH,500mA | SMD Inductance | LQP03TG1N8B02# | 4 | L0146, L0129, L0130, C0221  | Murata |
| 113 | Inductor 2.0nH, <b>0201</b> , ±0.1nH,450mA | SMD Inductance | LQP03TG2N0B02# | 1 | C0102                       | Murata |
| 114 | Inductor 2.2nH, <b>0201</b> , ±0.1nH,450mA | SMD Inductance | LQP03TG2N2B02# | 2 | C0218, L0328                | Murata |
| 115 | Inductor 2.4nH, <b>0201</b> , ±0.1nH,450mA | SMD Inductance | LQP03TG2N4B02# | 1 | C0123                       | Murata |
| 116 | Inductor 2.7nH, <b>0201</b> , ±0.1nH,450mA | SMD Inductance | LQP03TG2N7B02# | 4 | L0316, L0145, L0134, C0139, | Murata |
| 117 | Inductor 3nH, <b>0201</b> , ±0.1nH,450mA   | SMD Inductance | LQP03TG3N0B02# | 1 | L0218, C0310                | Murata |
| 118 | Inductor 3.3nH, <b>0201</b> , ±0.1nH,400mA | SMD Inductance | LQP03TG3N3B02# | 1 | L0132                       | Murata |
| 119 | Inductor 3.6nH, <b>0201</b> , ±0.1nH,350mA | SMD Inductance | LQP03TG3N6B02# | 2 | L0326, L0159                | Murata |
| 120 | Inductor 3.9nH, <b>0201</b> , ±3%,300mA    | SMD Inductance | LQP03TG3N9B02# | 2 | L0127, L0231                | Murata |
| 121 | Inductor 4.3nH, <b>0201</b> , ±3%,300mA    | SMD Inductance | LQP03TG4N3H02# | 2 | C0312, L0135                | Murata |
| 121 | Inductor 4.7nH, <b>0201</b> , ±3%,300mA    | SMD Inductance | LQP03TG4N7H02# | 1 | L0126                       | Murata |
| 122 | Inductor 5.6nH, <b>0201</b> , ±3%,250mA    | SMD Inductance | LQP03TG5N6H02# | 2 | C0126, C0127                | Murata |
| 123 | Inductor 6.2nH, <b>0201</b> , ±3%,200mA    | SMD Inductance | LQP03TG6N2H02# | 3 | C0128, C0129, L0128         | Murata |
| 124 | Inductor 6.8nH, <b>0201</b> , ±3%,200mA    | SMD Inductance | LQP03TG6N8H02# | 1 | L0315                       | Murata |
| 125 | Inductor 7.5nH, <b>0201</b> , ±3%,200mA    | SMD Inductance | LQP03TG7N5H02# | 1 | L0140                       | Murata |
| 125 | Inductor 8.2nH, <b>0201</b> , ±3%,200mA    | SMD Inductance | LQP03TG8N2H02# | 3 | L0136, L0325, C0306         | Murata |
| 127 | Inductor 10nH, <b>0201</b> , ±3%,190mA     | SMD Inductance | LQP03TG10NH02# | 1 | L0137                       | Murata |

|     |  |                    |  |   |                            |                                    |
|-----|--|--------------------|--|---|----------------------------|------------------------------------|
| 128 | Inductor 15nH,0201,±3%,170mA                                     | SMD Inductance     | LQP03TG15NH02#   | 3 | L0142, L0227, L0156        | Murata                             |
| 129 | Inductor 18nH,0201,±3%,170mA                                     | SMD Inductance     | LQP03TG18NH02#   | 1 | C0307                      | Murata                             |
| 130 | Inductor 47nH,0201,±5%,100mA                                     | SMD Inductance     | LQP03TG47NJ02#   | 1 | L0204                      | Murata                             |
| 131 | Inductor 100nH,0603,±2%,220mA                                    | SMD Inductance     | LOW18ANR10G00#<br>SDCL1608CR10JDF<br>MGCL1608HR10JTLF                        | 1 | L1201                      | Murata<br>Sunlord<br>MICROGATE     |
| 132 | IND CHIP,2520,0.33uH,<br>±20%,5.46A,DRC 31mR,<br>2.5x2.0x1.0mm   | SMD Power Inductor | VLS252010HBX-R33M-1<br>MPIA252010ER33M-LF                                    | 1 | L0901                      | TDK<br>MICROGATE                   |
| 133 | IND CHIP,2520,2.2uH,<br>±20%,2.21A,DRC 96mR,<br>2.5x2.0x1.2mm    | SMD Power Inductor | VLS252012CX-2R2M<br>UHP252012NF-2R2M<br>MPIA252010-2R2M-LF                   | 1 | L0905                      | TDK<br>Tai-tech<br>MICROGATE       |
| 134 | IND CHIP,2016,0.47uH,<br>±20%,3.5A,DRC 50mR,<br>2.0x1.6x1.0mm    | SMD Power Inductor | VLS201610CX-R47M<br>MPIA201610-R47M-LF                                       | 2 | L0902, L0904               | TDK<br>MICROGATE                   |
| 135 | IND CHIP,2016,0.47uH,<br>±20%,4.5A,DRC 0.032mR,<br>2.0x1.6x1.0mm | SMD Power Inductor | MPIA201610ER47M-LF<br>MPIAL201610-R47M-LF                                    | 1 | L0903                      | MICROGATE<br>MICROGATE             |
| 136 | IND CHIP,3030,10uH,<br>±20%,750mA,DRC 0.42R,<br>3.0x3.0x1.2mm    | SMD Power Inductor | LVF303012-100M-N<br>MPIT3012-100M-LF<br>NR3015C-100M-R-S<br>MPIB3010-100M-LF | 1 | L1502                      | MICROGATE<br>MICROGATE<br>SHUOXING |
| 137 | Bead 120R(100MHz),145R(1GHz),<br>0402,1500mA,0.095ohm            | SMD Magnetic beads | BLM15EG121SN1<br>FCM1005KF-121T01  | 3 | B1201,B1202 B0901          | Murata                             |
| 138 | Bead 2.5K(100MHz),2R(1GHz),<br>0603,50mA,1.5ohm                  | SMD Magnetic beads | BLM18BD252SN1<br>MGGB1608M252HT-LF<br>SBJ160808T-252Y-N                      | 4 | B1210, B1211, B1212, B1213 | Murata<br>Microgate                |