

PCBA: TB00326010110 DESCRIPTION: T_PCBA,BM1880AA_LPDDR4_EDB_V1.0110

| LEVEL | SEQ | PART NUMBER | DESCRIPTION | QTY | UNIT |
|-------|-----------------|--------------|---|-----|------|
| 1 | S10 | Y02110436K00 | CAP, CERAMIC,100NF,16V,10%,X5R,C0201(0603) | 72 | PCS |
| 1 | S10-REPLACEMENT | Y02110426K01 | CAP, CERAMIC,100NF,10V,10%,X5R,C0201(0603) | 72 | PCS |
| 1 | S20 | Y02110526M01 | CAP, CERAMIC,1UF,10V,20%,X5R,C0201(0603) | 13 | PCS |
| 1 | S30 | Y02147511M01 | CAP, CERAMIC,4.7UF,6.3V,20%,X5R,C0402(1005) | 17 | PCS |
| 1 | S40 | Y02110431K00 | CAP, CERAMIC 0.1UF 16V 10% X7R 0402 | 93 | PCS |
| 1 | S45 | Y02110171K00 | CAP, CERAMIC, 100PF, 50V, 10%, X7R, 0402 | 1 | PCS |
| 1 | S50 | Y02110551K01 | CAP, CERAMIC Cap, 1uF, +/-10%, 25V, X5R 0402 | 44 | PCS |
| 1 | S60 | Y02110284K00 | CAP, CERAMIC CAP CER 1000PF 1000V 10% X7S 1206 | 2 | PCS |
| 1 | S70 | Y02112031K01 | CAP, CERAMIC Cap,12pF,+/-10%,16V,X5R/CC0402 | 6 | PCS |
| 1 | S70-REPLACEMENT | Y02112071J02 | CAP, CERAMIC,12pF,50V,5%,NPO,C0402(1005) | 6 | PCS |
| 1 | S80 | Y02110331M01 | CAP, CERAMIC Cap,0.01uF,+/-20%,16V,X5R ,0402 | 3 | PCS |
| 1 | S80-REPLACEMENT | Y02110371K00 | 贴片电容 CAP 10nF +/-10% 50V X7R 0402 | 3 | PCS |
| 1 | S90 | Y02122633K01 | CAP, CERAMIC,22UF,16V,10%,X5R,C0805(2012) | 22 | PCS |
| 1 | S90-REPLACEMENT | Y02122633M01 | CAP, CERAMIC Cap,22uF,+/-20%,16V,X5R ,0805 | 20 | PCS |
| 1 | S100 | Y02122612M01 | CAP, CERAMIC Cap,22uF,+/-20%,6.3V,X5R,0603 | 14 | PCS |
| 1 | S110 | Y02122531K01 | CAP, CERAMIC,2.2UF,16V,10%,X5R,C0402(1005) | 6 | PCS |
| 1 | S120 | Y02110611M01 | CAP, CERAMIC, 10UF, 6.3V, 20%, X5R, C0402(1005) | 3 | PCS |
| 1 | S130 | Y02133271K00 | CAP, CERAMIC Cap,3.3NF 50V 10% X7R 0402 | 4 | PCS |
| 1 | S140 | Y02147171K00 | 贴片电容 CAP CER 470PF 50V 10% X7R 0402 | 1 | PCS |
| 1 | S150 | Y02147633M01 | CAP, CERAMIC Cap,47uF,+/-20%,16V,X5R/CC0805(2012) | 2 | PCS |

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|---|---------------------------|--------------|--|----|-----|
| 1 | S160 | Y055D5311032 | DIODE,TVS,ESD5311Z,5V,ESD ±20KV,Cj=0.25pF,Ipp=4A,DFN0603-2L,WillSemi | 44 | PCS |
| 1 | S170 | Y052N581903A | DIODE,Schottky Barrier Diode,40V,1000mA,510mV,SOD- 123.1N5819HW1,Diodes | 3 | PCS |
| 1 | S170- RESPLACEME NT | Y052B581915F | DIODE, Schottky Barrier Diode,40V,500mA,450mV,SOD-123, B5819W | 3 | PCS |
| 1 | S180 | Y05404022800 | LED, Green/LED0402,GTG1005UBGC | 10 | PCS |
| 1 | S190 | Y0540402B800 | LED, YELLOW/LED0402,GTG1005UYC | 1 | PCS |
| 1 | S200 | Y05404023800 | LED, BLUE/LED0402,GTG1005UBC | 1 | PCS |
| 1 | S210 | Y03410013F00 | FERRITE, 100ohm, 100MHZ, 3A, 0805 | 12 | PCS |
| 1 | S220 | Y04D11319004 | TF SOCKET,SD-MICRO-J-TF-510 | 1 | PCS |
| 1 | S220- RESPLACEME | Y04D193F0915 | TF SOCKET,193-F093K230-B06,LONGKE | 1 | PCS |
| 1 | S230 | Y04A014XX103 | CONNECTOR,RJ45, WAN/RJ45_2LED_DIP,RJ45-NT | 1 | PCS |
| 1 | S240 | Y04G00001217 | USB SOCKET,USB 3.0 Type A,9PIN+2POS,PITCH 1.0mm,14.45*12.80*5.12mm,LONGKE | 3 | PCS |
| 1 | S250 | Y04620706105 | HEADER,SMD,14PIN(2*7PIN),2.54mm,VERTICAL,P6E14 F-453275-B11Y,CHIN-BAN | 2 | PCS |
| 1 | S260 | Y04G24004105 | CONNECTOR,FEMAL,40PIN (2*20PIN) ,2mm,立式,FP 5S40W-B1U62-Y,CHIN-BAN | 1 | PCS |
| 1 | S270 | Y04210514502 | USB SOCKET, 7PIN, 0.65mm, 7.4*5.25*2.5mm, RA, M | 1 | PCS |
| 1 | S280 | Y04H00004AHM | PUSH BUTTON,TS-04H- AHM,4.5*4.5*3.8MM,250gf,Qian Yi Industrial | 2 | PCS |
| 1 | S290 | Y040DCJACK05 | DC JACK, DCJACK-DC-005, 12V/15A | 1 | PCS |
| 1 | S300 | Y04610206100 | HEADER 2Pin Pitch2.54 | 1 | PCS |
| 1 | S310 | Y03100102200 | INDUCTOR, SMD, 2.5*2*1.2mm, 1uH, ±20%, 2PIN, DFE2520 | 4 | PCS |
| 1 | S310- RESPLACEME NT | Y033001007M2 | INDUCTOR, SMD,1uH,20%,Isat:4.7A,Irms:3.6A,40mΩ,2.5*2*1.2mm MHCH1252012M-1R0M-Q8,CHILISIN | 4 | PCS |
| 1 | S320 | Y0334R70C160 | INDUCTOR,SMD,7.0*6.6*2.8mm,4.7uH, 2PIN,Irms=6A ,Isat=6.2A,DCR=33m OHM,MWSA0603-4R7MT | 1 | PCS |
| 1 | S330 | Y202V3604016 | MOSFET-P,MDV3604URH,-20A,-30V,PDFN33 | 1 | PCS |
| 1 | S340 | Y061M2020200 | MOSFET,WNM2020, NMOS,20V,0.9A,SOT-23 | 10 | PCS |

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|---|---------------------|--------------|---|----|-----|
| 1 | S350 | Y0110102CF00 | RESISTOR,10K,OHM,1%,1/20W,R0201(0603) | 59 | PCS |
| 1 | S360 | Y01102411F00 | RESISTOR RES 240 OHM 1/16W 1% 0402 | 4 | PCS |
| 1 | S370 | Y0110330CF00 | RESISTOR,33,OHM,1%,1/20W,R0201(0603) | 74 | PCS |
| 1 | S380 | Y01100006F00 | RESISTOR,0,OHM,1/20W,R0201(0603) | 62 | PCS |
| 1 | S390 | Y01107501F00 | RESISTOR 75 OHM , +/-1%1/16W/RR0402 | 4 | PCS |
| 1 | S400 | Y01100004F00 | RESISTOR,0,OHM,1%,1/4W,R1206(3216) | 1 | PCS |
| 1 | S410 | Y0110102CF01 | RESISTOR,1K,OHM,1%,1/20W,R0201(0603) | 35 | PCS |
| 1 | S420 | Y01102031F00 | RESISTOR RES,20K,+/-1%,1/16W,0402 | 5 | PCS |
| 1 | S430 | Y01112412F00 | RESISTOR Res,1.24K,+/-1%,1/10W,0603 | 2 | PCS |
| 1 | S440 | Y01101031F00 | RESISTOR RES,10K,+/-1%,1/16W,0402 | 13 | PCS |
| 1 | S440- RESPLACEME | Y01101031J00 | RESISTOR RES,10K,+/-5%,1/16W/RR0402(1005) | 14 | PCS |
| 1 | S450 | Y01101831F00 | RESISTOR RES SMD 18K OHM 1% 1/16W 0402 | 1 | PCS |
| 1 | S460 | Y01109131F00 | RESISTOR RES SMD 91K OHM 1% 1/16W 0402 | 6 | PCS |
| 1 | S470 | Y01195311F00 | RESISTOR RES,9.53K,+/-1%,1/16W,0402 | 1 | PCS |
| 1 | S480 | Y01102712F14 | RESISTOR RES 1K 1% 1/16W 0402 | 2 | PCS |
| 1 | S490 | Y01103301J00 | RESISTOR RES 33 OHM 1/16W 5% 0402 | 1 | PCS |
| 1 | S490- RESPLACEME | Y01103301F00 | RESISTOR RES SMD 33 OHM 1% 1/16W 0402 | 1 | PCS |
| 1 | S500 | Y01149R91F00 | RESISTOR RES 49.9 OHM 1/16W 1% 0402 | 2 | PCS |
| 1 | S510 | Y01101041F00 | RESISTOR RES 100K 1/16W 1% 0402 | 7 | PCS |
| 1 | S510- RESPLACEME | Y01101041J00 | RESISTOR RES,100K,+/-5%,1/16W,0402 | 7 | PCS |
| 1 | S520 | Y01102441F00 | RESISTOR RES SMD 240KOHM 1% 1/16W 0402 | 3 | PCS |
| 1 | S530 | Y01103041F00 | RESISTOR RES SMD 300KOHM 1% 1/16W | 1 | PCS |
| 1 | S540 | Y01105131F00 | RESISTOR RES 51K 1% 1/16W 0402 | 1 | PCS |
| 1 | S550 | Y01107541F00 | RESISTOR RES SMD 750K OHM 1% 1/16W 0402 | 1 | PCS |

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|---|---------------------|--------------|---|---|-----|
| 1 | S560 | Y01106841F00 | RESISTOR RES SMD 680K OHM 1% 1/16W 0402 | 1 | PCS |
| 1 | S570 | Y01101351F00 | RESISTOR,130K,OHM,1%,1/16W,R0402(1005) | 1 | PCS |
| 1 | S580 | Y01116531F00 | RESISTOR,165K,OHM,1%,1/16W,R0402(1005) | 1 | PCS |
| 1 | S590 | Y01102032F02 | RESISTOR RES SMD 0.02 OHM 1% 1W 2512 | 1 | PCS |
| 1 | S600 | Y01114021F00 | RESISTOR,Res 14K,OHM,1/16W,1%,R0402(1005) | 1 | PCS |
| 1 | S610 | Y04H10609305 | SWITCH,6bit, Pitch 1.27mm,SMD,DSHP06TSGER, Qian Yi Industrial | 1 | PCS |
| 1 | S620 | Y10124102207 | TRANSFORMER, G24107MN, 350uH, 15*10*4mm, 24pin | 1 | PCS |
| 1 | S630 | Y09BM1880110 | BM1880AA-OAC-molding, single die | 1 | PCS |
| 1 | S640 | Y09053B256H3 | IC,MT53B256M32D1-062WT:C,LPDDR4, 200-ball 10*15mm VFBGA,Micron | 1 | PCS |
| 1 | S650 | Y090MTFC8GH6 | IC,MTFC8GAKAJCN-4M IT,VFBGA153,Micro,8GB EMMC | 1 | PCS |
| 1 | S660 | Y09022908YH7 | IC,TPS22908YZTT,BGA4 | 1 | PCS |
| 1 | S670 | Y090B5061261 | IC, B50612EB1KMLG, QFN, 48PIN, PITCH : 0.5mm | 1 | PCS |
| 1 | S680 | Y09301020000 | IC TXS0102DCUR | 2 | PCS |
| 1 | S690 | Y09120360928 | IC,LDO,SGM2036-0.9YN5G/TR,0.9V,SOT-23 | 2 | PCS |
| 1 | S700 | Y090SB8041B9 | IC,USB3.0 HUB,4-PORTS,TUSB8041,VQFN-64,TI | 1 | PCS |
| 1 | S710 | Y090PS255316 | IC,TPS2553DRV,Current-Limited Switch,75mA-1.3A,+/-6%,15KV,DFN6,TI | 4 | PCS |
| 1 | S720 | Y09P21020900 | IC CP2102/QFN-28_0.5 | 1 | PCS |
| 1 | S720- RESPLACEME | Y090CP2102B3 | IC,USB-to-UART Bridge,CP2102N-A01-G,QFN28 | 1 | PCS |
| 1 | S730 | Y09016074RH9 | IC,MAX16074RS17D2+,uP Supervisor,4UCSP,4PIN,1mm*1mm,Maxim | 1 | PCS |
| 1 | S740 | Y09ATMP45192 | IC,TEMPERATURE SENSOR,TMP451AIDQFR, WSON, 8PIN, PITCH 0.5mm | 1 | PCS |
| 1 | S750 | YWN010000A33 | WIFI ANTENNA,WIFI/BT Antenna,2.4G&5G,SMD,FJ-31H24505500-A33,FANGJIU | 1 | PCS |
| 1 | S760 | Y50BL8821500 | WIFI MODULE,IEEE802.11b/g/n/ac(1T1R) USB WIFI&BT,BL8821CU1,LB-LINK | 1 | PCS |
| 1 | S770 | Y090TLV621A8 | IC, TLV62130RGT, VQFN, 16PIN, PITCH : 0.5mm | 4 | PCS |
| 1 | S780 | Y090SY8104B2 | IC,SY8104ADC,DC-DC,Buck/4A/4.5~18V input,TSOT23-6,6PIN,PITCH 0.95mm,Silergy | 1 | PCS |

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| 1 | S790 | Y090GM5223B3 | IC,SGM5223YWQ10/TR,Load switch,1.8~4.2V,250mA,TQFN-1.8x1.4- | 1 | PCS |
| 1 | S800 | Y090TL520919 | IC,TL5209DR,SOIC8,TI | 1 | PCS |
| 1 | S800- RESPLACEME | Y091TL520973 | IC TL5209D | 1 | PCS |
| 1 | S810 | Y090M3881ME0 | IC,LM3881MMX,sop8-065-3_0,TI | 1 | PCS |
| 1 | S820 | Y09120361828 | LDO,IC LDO SGM2036-1.8YN5G/TR SOT-23-5 | 1 | PCS |
| 1 | S830 | Y09SMUX15400 | IC,Analog Switch,2:1,TMUX154ERSWR,TI | 2 | PCS |
| 1 | S850 | Y07325009100 | OSC,3225 (3.2*2.5mm) ,25MHZ,10PPM,15PF,1.8V,S itime | 1 | PCS |
| 1 | S850- RESPLACEME NT | Y07300259185 | OSC,3225 (3.2*2.5mm) ,25MHZ,10PPM,15PF,1.8V,T XC | 1 | PCS |
| 1 | S850- RESPLACEME | Y07300259186 | OSC,3225 (3.2*2.5mm) ,25MHZ,10PPM,15PF,1.8V,S IWARD | 1 | PCS |
| 1 | S860 | Y07425003120 | CRYSTAL, 25MHZ,3225, 4PIN,SMT,12pF | 2 | PCS |
| 1 | S860- RESPLACEME | Y07400259120 | CRYSTAL, 25M,3225,12pF, ±10ppm,-40°C~+85°C XXDBCLNANF-25.000MHz,Taitien | 2 | PCS |
| 1 | S870 | Y07100249300 | CRYSTAL, 24MHz, CL=20pF,20ppm, 3225 | 1 | PCS |
| 1 | S880 | YP0504200101 | PCB,BM1880AA_LPDDR4_EDB_V1.01 | 1 | PCS |
| 1 | S890 | WB00326010110 | EXPENSE_T_PCBA,BM1880AA_LPDDR4_EDB_V1.0110 | 1 | PCS |

DATE:2018-10-22

| LOCATION | REMARK |
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| C1,C2,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C96,C98,C100,C102,C115,C116,C117,C118,C124,C125,C128,C130,C174,C175, | |
| C1,C2,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C96,C98,C100,C102,C115,C116,C117,C118,C124,C125,C128,C130,C174,C175, | |
| C3,C4,C5,C6,C95,C97,C99,C101,C265,C267,C269,C315,C317 | |
| C7,C35,C45,C46,C47,C48,C49,C50,C51,C52,C54,C89,C148,C275,C296,C299,C318 | |
| C30,C53,C55,C56,C57,C58,C59,C60,C61,C62,C63,C66,C67,C68,C69,C70,C71,C74,C75,C76,C77,C78,C80,C81,C82,C83,C84,C85,C86,C87,C91,C93,C105,C106,C107,C110,C111,C112,C113,C114,C120,C122,C133,C136,C140,C141,C142,C143,C145,C147,C149,C151,C152,C156,C160,C164,C168,C171,C185,C189,C190,C192,C206,C207,C208,C215,C219,C224,C226,C231,C232,C235,C241,C243,C245,C249,C254,C256,C257,C281,C297,C298,C300,C303,C304,C305,C307,C308,C309,C310,C312,C321,C413 | |
| C161 | |
| C31,C32,C33,C34,C36,C37,C38,C39,C40,C41,C42,C43,C44,C79,C88,C104,C109,C139,C150,C153,C157,C183,C184,C188,C193,C198,C213,C214,C217,C218,C222,C223,C229,C230,C2 | |
| C64,C65 | |
| C72,C73,C126,C127,C154,C155 | |
| C72,C73,C126,C127,C154,C155 | |
| C90,C301,C302 | |
| C90,C301,C302 | |
| C92,C94,C121,C123,C134,C135,C144,C146,C169,C170,C182,C202,C203,C212,C216,C225,C233,C246,C255,C311,C322,C323 | |
| C92,C94,C121,C123,C134,C135,C144,C146,C169,C170,C182,C202,C203,C212,C216,C225,C233,C246,C255,C311 | |
| C103,C108,C138,C186,C187,C194,C195,C196,C220,C221,C227,C228,C250,C251 | |
| C167,C240,C270,C273,C274,C280 | |
| C172,C173,C279 | |
| C210,C237,C239,C259 | |
| C282 | |
| C322,C323 | |

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| D1,D2,D3,D4,D5,D6,D7,D8,D9,D10,D11,D12,D13,D14,D15,D16,D17,D18,D19,D20,D21,D22,D23,D24,D25,D26,D27,D28,D33,D34,D35,D36,D37,D38,D39,D40,D41,D42,D43,D44,D45,D49,D65,D66 | |
| D46,D47,D64 | |
| D46,D47,D64 | |
| D51,D52,D54,D55,D56,D57,D58,D59,D60,D61 | |
| D62 | |
| D63 | |
| FB1,FB2,FB3,FB4,FB5,FB6,FB7,FB8,FB10,FB11,FB12,FB13 | |
| J1 | |
| J1 | |
| J2 | |
| J3,J4,J5 | |
| J6,J7 | |
| J8 | |
| J9 | |
| J12,J17 | |
| J13 | |
| J16 | |
| L1,L2,L3,L4 | |
| L1,L2,L3,L4 | |
| L5 | |
| Q1 | |
| Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12 | |

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| R1,R5,R8,R11,R12,R13,R14,R15,R16,R17,R18,R19,R27,R28,R29,R53,R55,R68,R71,R98,R100,R104,R113,R114,R121,R122,R123,R124,R125,R126,R127,R128,R129,R130,R164,R165,R | |
| R4,R10,R48,R50 | |
| R23,R25,R26,R30,R31,R32,R33,R34,R35,R36,R38,R40,R41,R42,R43,R44,R45,R46,R51,R52,R54,R57,R62,R63,R131,R132,R133,R135,R136,R137,R138,R139,R140,R141,R142,R143,R1 | |
| R37,R39,R47,R49,R64,R76,R77,R78,R79,R80,R81,R82,R83,R84,R87,R119,R120,R134,R172,R173,R174,R175,R177,R181,R183,R185,R187,R189,R191,R193,R195,R241,R242,R243,R2 | |
| R56,R58,R59,R60 | |
| R61 | |
| R66,R72,R75,R89,R101,R109,R117,R198,R200,R203,R205,R245,R246,R263,R269,R275,R281,R283,R297,R309,R310,R311,R312,R315,R316,R317,R318,R319,R333,R335,R336,R337, | |
| R69,R102,R110,R118,R322 | |
| R73,R229 | |
| R94,R97,R107,R116,R197,R247,R282,R293,R294,R295,R301,R323,R382 | |
| R90,R94,R97,R107,R116,R197,R247,R282,R293,R294,R295,R301,R323,R382 | |
| R91 | |
| R95,R106,R111,R285,R320,R324 | |
| R103 | |
| R199,R240 | |
| R230 | |
| R230 | |
| R235,R236 | |
| R250,R260,R272,R287,R296,R298,R299 | |
| R250,R260,R272,R287,R296,R298,R299 | |
| R257,R278,R289 | |
| R251 | |
| R259 | |
| R273 | |

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| R274 | |
| R280 | |
| R291 | |
| R332 | |
| R381 | |
| SW1 | |
| T1 | |
| U1 | |
| U2 | |
| U3 | |
| U4 | |
| U5 | |
| U6,U13 | |
| U7,U30 | |
| U8 | |
| U9,U10,U11,U28 | |
| U12 | |
| U12 | |
| U14 | |
| U15 | |
| U16 | |
| U17 | |
| U19,U21,U22,U24 | |
| U20 | |

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| U23 | |
| U25 | |
| U25 | |
| U26 | |
| U27 | |
| U29,U31 | |
| X1 | |
| X1 | |
| X1 | |
| Y1,Y3 | |
| Y1,Y3 | |
| Y2 | |
| PCB | |
| | |