

Product No. （成品编码）

WPP22

Description （成品名称）

MIPB-1407 WisePad 2+,Track1&2&3,WPP22

Customer （客户）

Hardware version

1.0.1

| Level | Old Part No.             | New Part No.       | Part Description                                               | Qty/Pcs | Unit | Location                                                   |
|-------|--------------------------|--------------------|----------------------------------------------------------------|---------|------|------------------------------------------------------------|
| 5     | N/A                      | EPCB-B406-68SY     | Wisepad2 PCB2 V1.0.0                                           | 1       | PCS  | PCB2                                                       |
| 5     | EJ-WISEPAD-O0W14NE24     | EJ-307-O0W14NE24   | FPCB socket,14 pin connector bottom Contact,1226-14-02,Neltron | 1       | PCS  | CON1                                                       |
| 5     | EJ-WISEPAD-O0W20MO28     | EJ-307-O0W20MO28   | CONN .5MM FPC 20PS RA SMD B-FLIP 5034802000 Molex Inc          | 2       | PCS  | U10 J2                                                     |
| 5     | EJ-307-O0W01NE1E         | EJ-307-O0W01NE1E   | Broad To Board Connector,2001S-30G-220-020,Neltron             | 1       | PCS  | J9                                                         |
| 5     | EY-9UNA32768122TF70CT-IN | EY-32768122TF70-IN | Crystal 32.768KHz,9UNA32768122TF70CT,Interquip                 | 2       | PCS  | Y1-2                                                       |
| 5     | EU-AP6210-044SAM         | EU-AP6210-AM       | WIFI 802.11b/g/n+BT4.0 SIP Module,AP6210,AMPAK                 | 1       | PCS  | U17                                                        |
| 5     | EU-AS3911-BQFT-AM        | EU-AS3911BQFT-AM   | IC RFID READER 13.56MHZ 32-QFN,AS3911-BQFT,ams                 | 1       | PCS  | U2                                                         |
| 5     | ED-B140HW-7-DI           | ED-B140HW-7-DI     | DIODE SCHOTTKY 40V 1A SOD123,B140HW-7,Diodes Inc               | 3       | PCS  | D1-2 D4                                                    |
| 5     | ED-BAT54C, 215-NX        | ED-BAT54C, 215-NX  | Diode, Schoky, Dual, BAT54C, 215,SOT-23,NXP                    | 1       | PCS  | D10                                                        |
|       | EC-CL10C220JB8NNNC-SA    | EC-10C220JB8NNN-SA | Capacitor Ceramic 22pF 50V C0G 5% SMD 0603,Samsung             | 1       | PCS  | C16                                                        |
| 5     | EC-CL10A106KP8NNNC-SA    | EC-10A106KP8NNN-SA | Capacitor,Ceramic Chip,10uF,±10%;10V;X5R, 0603,Samsung         | 5       | PCS  | C33 C44 C55 C100 C102                                      |
| 5     | EC-CL05B104KO5NNNC-SA    | EC-05B104KO5NNN-SA | Capacitor Ceramic 0.1uF 16V X7R 10% SMD 0402, Samsung          | 17      | PCS  | C3 C6-9 C11 C25 C35 C52 C69 C72 C81 C87 C91 C138 C141 C150 |
| 5     | EC-CL05C101JB5NNNC-SA    | EC-05C101JB5NNN-SA | Capacitor,Ceramic Chip,100pF,±5%;50V;COG,0402 samsung          | 1       | PCS  | C62                                                        |
| 5     | ER-CR0402FF1002G-LI      | ER-0402FF1002G-LI  | Resistor, 10KΩ, ±1% 0402, Liz                                  | 10      | PCS  | C144 C147 R22-23 R35 R71 R73 R124 R205 R208                |
| 5     | EC-CL05B103KO5NNNC-SA    | EC-05B103KO5NNN-SA | Capacitor,Ceramic Chip,0402,10NF,16V,±10%,X7R,10K/REEL,Samsung | 5       | PCS  | C58 C61 C63 C85 C86                                        |
| 5     | EC-CL05C100DB5NNNC-SA    | EC-05C100DB5NNN-SA | Capacitor,Ceramic Chip,10PF, 0.5PF, 50V, C0G,0402,Samsung      | 4       | PCS  | C46 C54 C70 C76                                            |
| 5     | EC-1555C1H151J-MU        | EC-1555C1H151J-MU  | CAP CER 150PF 50V 5% NP0 0402,GRM1555C1H151JA01D,,Murata       | 2       | PCS  | C65 C66                                                    |
| 5     | EC-CL05C120JB5NNNC-SA    | EC-05C120JB5NNN-SA | Capacitor Ceramic 12PF, 5%,50V, C0G 0402,Samsung               | 2       | PCS  | C20 C22                                                    |
| 5     | EC-CL05C180JB5NNNC-SA    | EC-05C180JB5NNN-SA | Capacitor,Ceramic Chip,18pF,50V,±5%,C0G,T=0.55mm 0402, Samsung | 4       | PCS  | C82-83 C503 C504                                           |

|     |                          |                     |                                                                              |    |     |                                                           |
|-----|--------------------------|---------------------|------------------------------------------------------------------------------|----|-----|-----------------------------------------------------------|
| 5   | EC-CL05C102JB5NNNC-SA    | EC-05C102JB5NNN-SA  | Capacitor,Ceramic Chip,1nF,50V,±5%,COG,T=0.55mm 0402 , Samsung               | 4  | PCS | C92 C106 C108 C93                                         |
| 5   | EC-CL05B224K05NNNC-SA    | EC-05B224K05NNN-SA  | Capacitor Ceramic 0.22uF 16V X7R,10% SMD,T=0.55mm 0402,Samsung               | 4  | PCS | C37 C51 C134-135                                          |
| 5   | EC-CL05C220JB5NNNC-SA    | EC-05C220JB5NNN-SA  | Capacitor,Ceramic Chip,22pF,±5%,50V,COG, 0402,Samsung                        | 2  | PCS | C145 C148                                                 |
| 5   | EC-CL05C6R8DB5NNNC-SA    | EC-05C6R8DB5NNN-SA  | Capacitor,Ceramic Chip, 6.8PF, 50V, COG,0402,Samsung                         | 2  | PCS | R14 C19                                                   |
| 5   | EC-CL05A334KQ5NNNC-SA    | EC-05A334KQ5NNN-SA  | Capacitor Ceramic 0.33uF 6.3V X5R 10% SMD 0402,Samsung                       | 4  | PCS | C89-90 C136-137                                           |
| 5   | EC-CL05C560JB5NNNC-SA    | EC-05C560JB5NNN-SA  | Capacitor Ceramic 56pF 50V COG 5% SMD 0402, Samsung                          | 4  | PCS | C129 C139 C109 C111                                       |
| 5   | N/A                      | EC-05C5R6DB5NNN-SA  | Capacitor Ceramic 5.6pF 0.5pF, 50V COG, 0402, Samsung                        | 2  | PCS | C124 C125                                                 |
| 5   | EC-CL10A105K08NNNC-SA    | EC-10A105K08NNN-SA  | Capacitor,Ceramic Chip,1uF,±10%;16V;X5R, 0603, Samsung                       | 17 | PCS | C2 C15 C21 C26 C47-49 C57 C64 C73 C80 C88 C95 C97-99 C133 |
| 5   | EC-CL10A225KP8NNNC-SA    | EC-10A225KP8NNN-SA  | Capacitor,Ceramic Chip,2.2uF,±10%,10V;X5R, 0603,Samsung                      | 4  | PCS | C34 C59-60 C84                                            |
| 5   | EC-CL10A475KP8NNNC-SA    | EC-10A475KP8NNN-SA  | Capacitor Ceramic 4.7uF 10V X5R 10% SMD 0603,Samsung                         | 5  | PCS | C113 C120 C122 C140 C149                                  |
| 5   | EC-CL21A106KPFNNNE-SA    | EC-21A106KPFNNNE-SA | MLCC Capacitor,Ceramic Chip,SMD/SMT 10uF 10% 10Volts 0805,Samsung            | 9  | PCS | C1 C13 C24 C40-41 C45 C75 C142 C151                       |
| 5   | EC-05C330JB5NNN-SA       | EC-05C330JB5NNN-SA  | Capacitor, Ceramic Chip, 33PF, 5%, 50V, COG, 0402, CL05C330JB5NNNC, Samsung  | 1  | PCS | C130                                                      |
| 5   | EC-05C330JB5NNN-SA       | EC-05C330JB5NNN-SA  | Capacitor,Ceramic Chip,33PF,5%,50V,COG,0402,CL05C330JB5NNNC,Samsung          | 2  | PCS | C71 C77                                                   |
| 5   | EC-D477K006ATE-KE        | EC-D477K006ATE-KE   | Tantalum Capacitors,CAP-CX02-B,T495D477K006ATE100,470UF 6.3V,Kemet           | 1  | PCS | C74                                                       |
| 5   | EC-CL05C820JB5NNNC-SA    | EC-05C820JB5NNN-SA  | Capacitor, Ceramic Chip,0402,82PF,5%,50V,COG,10K/REEL,Samsung                | 1  | PCS | C110                                                      |
| 5   | EC-1557U1A122J-MU        | EC-1557U1A122J-MU   | CAP CER 1200PF 10V 5% U2J 0402,GRM1557U1A122JA01D,Murata                     | 2  | PCS | C17 C18                                                   |
| 5   | EC-05B222KB5NNN-SA       | EC-05B222KB5NNN-SA  | Capacitor Ceramic, 2.2NF, 10%, 50V, X7R,0402, CL05B222KB5NNNC,Samsung        | 1  | PCS | C105                                                      |
| 5   | EC-1555C1H121J-MU        | EC-1555C1H121J-MU   | CAP CER 120PF 50V 5% NP0 0402,GRM1555C1H121JA01J,Murata                      | 2  | PCS | C42 C43                                                   |
| 5   | EC-CL05B221KB5NNNC-SA    | EC-05B221KB5NNN-SA  | Capacitor,Ceramic Chip,220pF,50V,±10%,X7R,T=0.55mm 0402 , Samsung            | 2  | PCS | C53 C56                                                   |
| 5   | EC-1555C1H6R8D-MU        | EC-1555C1H6R8D-MU   | CAP CER 6.8PF 50V NP0 0402,GRM1555C1H6R8DA01D,Murata                         | 2  | PCS | C30 C50                                                   |
| 5   | ER-0402FF9103G-LI        | ER-0402FF9103G-LI   | Resistor,910KΩ,±1%,0402,CR0402FF9103G,Liz                                    | 1  | PCS | R9                                                        |
| 5   | EY-5YAA26000091IF60Q1-IN | EY-26000091IF60-IN  | CRYSTAL, XTAL 3.2x2.5 MM,26MHz,±10ppm,5YAA26000091IF60Q1,Interquip           | 1  | PCS | X4                                                        |
| 5   | EY-5YAA27120181IF60Q3-IN | 5YAA27120181IF60Q3  | CRYSTAL XTAL, 5YAA27120181IF60Q3,3.2x2.5mm,27.12 MHz,10ppm,Interquip         | 1  | PCS | X1                                                        |
| 5   | ET-DTC143ZMT2LDKR-ND-RO  | ET-C143ZMT2LDKR-RO  | TRANSISTOR, NPN, DTC143ZMT2LDKR-ND,SOT723,Rohm                               | 8  | PCS | Q2-4 Q9 Q11-14                                            |
| 5   | ER-CR0603FA0000G-LI      | ER-0603FA0000G-LI   | Resistor,0Ω,±1% 0603,Liz                                                     | 2  | PCS | L17 R86                                                   |
| 5   | ER-CR0805F80000G-LI      | ER-0805F80000G-LI   | Resistor, 0Ω, ±1% 0805 ,Liz                                                  | 1  | PCS | L1                                                        |
| 5   | EI-LQM21FN2R2N00D-MU     | EI-M21FN2R2N00D-MU  | 0805,2.2μH ±30%,LQM21FN2R2N00, MuRata                                        | 1  | PCS | L517                                                      |
| 5   | EI-2BASR18J00L-MU        | EI-2BASR18J00L-MU   | FIXED IND 180NH 400MA 640 MOHM,LQW2BASR18J00L,Murata                         | 2  | PCS | L9-10                                                     |
| 5   | EI-2MPN4R7MG0L-MU        | EI-2MPN4R7MG0L-MU   | FIXED IND 4.7UH 1.1A 140 MOHM,0806,LQM2MPN4R7MG0L,Murata                     | 1  | PCS | L6                                                        |
| 5   | EU-ADJYN6G/TR-SG         | EU-ADJYN6G/TR-SG    | DCDC Step up converter Adjustable output,SGM6605-ADJYN6G/TR,SOT23-6, SGMicro | 1  | PCS | U4                                                        |
| 5   | N/A                      | EU-MK21FN1M0AV-FR   | IC MCU 32BIT 1MB FLASH 121MAPBGA MK21FN1M0AVMC12 Freescale Semiconductor     | 1  | PCS | U1                                                        |
| ALT | EU-21FN1M0VMC12-FR       | EU-21FN1M0VMC12-FR  | IC MCU ARM 1MB FLASH 121BGA,MK21FN1M0VMC12.Freescale                         | 0  | PCS | U1                                                        |
| 5   | ET-MMBT3904T-7-F-DI      | ET-MMBT3904T7F-DI   | TRANSISTOR NPN 200MA 40V SOT523,MMBT3904T-7-F,Diodes Incorporated            | 3  | PCS | Q6 Q18 Q20                                                |
| ALT | ET-MMBT3904TT1G-ON       | ET-MMBT3904TT1G-ON  | Transistor,NPN,MMBT3904TT1G SOT-416,On Semiconductor                         | 0  | PCS | Q6 Q18 Q20                                                |
| 5   | EU-NL27WZU04DFT2G-006SON | EU-27WZU04DFT2-ON   | IC INVERTER DUAL UNBUFF,NL27WZU04DFT2G,SOT363,Onsemi                         | 1  | PCS | U22                                                       |

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|-----|----------------------------|--------------------|----------------------------------------------------------------------|----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ALT | EU-74LVC2GU04GW,125-006SNX | EU-74LVC2GU04GW-NX | IC DUAL INVERTER 6TSSOP 74LVC2GU04GW,125 NXP                         | 0  | PCS | U22                                                                                                                                                                                       |
| ALT | EU-SN74LVC2GU04-TI         | EU-SN74LVC2GU04-TI | IC DUAL INVERTER GATE SC-70-6,SN74LVC2GU04DCKR,Texas Instruments     | 0  | PCS | U22                                                                                                                                                                                       |
| 5   | EU-HCM1103-YI              | EU-HCM1103-YI      | ,HCM1103                                                             | 1  | PCS | U24                                                                                                                                                                                       |
| 5   | EU-APN337S3959-008SIN      | EU-APN337S3959-IN  | APPLE_CHIP, APN337S3959, QFN8, INFINEON                              | 1  | PCS | U20                                                                                                                                                                                       |
| 5   | EM-IRLML6401TRPBF-IN       | EM-LML6401TRPBF-IN | MOSFET, 12V, P MOS, IRLML6401TRPBF , SOT-23, International Rectifier | 5  | PCS | Q1 Q7-8 Q10 Q32                                                                                                                                                                           |
| 5   | N/A                        | ER-0402FF15R0G-LI  | Resistor,15Ω,±1%,CR0402FF15R0G,0402 Liz                              | 6  | PCS | R155 R157 R159, R161 R164-165                                                                                                                                                             |
| 5   | N/A                        | ER-0402FF5601G-LI  | Resistor,5.6K,±1%,CR0402FF5601G,0402,Liz                             | 2  | PCS | R61 R66                                                                                                                                                                                   |
| 5   | ER-CR0402FF0000G-LI        | ER-0402FF0000G-LI  | Resistor, 0Ω, ±1% 0402, Liz                                          | 47 | PCS | R4 R12-13 R26 R30 R32-33 R36-37 R40 R42 R44 R47-49<br>R51-52 R65 R67-68 R70 R75-76 R78 R89 R92 R95 R108<br>R117-120 R122 R125-127 R142 R145 R147 R166 R169-170<br>R174 R177 R182 R209 R50 |
| 5   | EC-15AG601SN1D-MU          | EC-15AG601SN1D-MU  | FERRITE CHIP 600 OHM 300MA 0402,BLM15AG601SN1D,Murata                | 2  | PCS | R29 R39                                                                                                                                                                                   |
| 5   | ER-CR0402FF1501G-LI        | ER-0402FF1501G-LI  | Resistor, 1.5KΩ, ±1% 0402 ,Liz                                       | 1  | PCS | R2                                                                                                                                                                                        |
| 5   | ER-CR0402FF1003G-LI        | ER-0402FF1003G-LI  | Resistor, 100KΩ, ±1% 0402, Liz                                       | 2  | PCS | R3 R10                                                                                                                                                                                    |
| 5   | ER-CR0402FF1000G-LI        | ER-0402FF1000G-LI  | Resistor 100Ω, ±1% 0402,Liz                                          | 1  | PCS | R64                                                                                                                                                                                       |
| 5   | ER-CR0402FF1005G-LI        | ER-0402FF1005G-LI  | Resistor, 10MΩ, ±1% 0402, Liz                                        | 4  | PCS | R99 R101-102 R504                                                                                                                                                                         |
| 5   | ER-CR0402FF10R0G-LI        | ER-0402FF10R0G-LI  | Resistor, 10Ω, ±1% 0402, Liz                                         | 1  | PCS | R63                                                                                                                                                                                       |
| 5   | ER-CR0402FF1001G-LI        | ER-0402FF1001G-LI  | Resistor, 1KΩ, ±1% 0402 ,Liz                                         | 5  | PCS | R1 R41 R43 R60 R180                                                                                                                                                                       |
| 5   | ER-CR0402FF1004G-LI        | ER-0402FF1004G-LI  | Resistor, 1MΩ, ±1% 0402, Liz                                         | 6  | PCS | R24 R58 R62 R84 R96-97                                                                                                                                                                    |
| 5   | ER-CR0402FF3302G-LI        | ER-0402FF3302G-LI  | Resistor, 33K Ω, ±1%, 0402 Liz                                       | 1  | PCS | R11                                                                                                                                                                                       |
| 5   | ER-CR0402FF2201G-LI        | ER-0402FF2201G-LI  | Resistor,2.2KΩ, 1% 0402 ,Liz                                         | 2  | PCS | R17 R19                                                                                                                                                                                   |
| 5   | ER-CR0402FF3003G-LI        | ER-0402FF3003G-LI  | Resistor, 300KΩ, ±1%, 0402 ,Li                                       | 1  | PCS | R505                                                                                                                                                                                      |
| 5   | ER-CR0402FF33R0G-LI        | ER-0402FF33R0G-LI  | Resistor , 33Ω, ±1%, 0402, Liz                                       | 6  | PCS | R6-7 R74 R91 R198 R211                                                                                                                                                                    |
| 5   | ER-CR0402FF4701G-LI        | ER-0402FF4701G-LI  | Resistor, 4.7KΩ, ±1% 0402, Liz                                       | 4  | PCS | R15 R20-21 R31                                                                                                                                                                            |
| 5   | ER-CR0603FA1R00G-LI        | ER-0603FA1R00G-LI  | Resistor 1R, 1% 0603 ,Liz                                            | 1  | PCS | R173                                                                                                                                                                                      |
| 5   | ER-CR0402FF1200G-LI        | ER-0402FF1200G-LI  | Resistor, 120Ω, ±1%, 0402 Liz                                        | 1  | PCS | R82                                                                                                                                                                                       |
| 5   | ER-CR0402FF27R0G-LI        | ER-0402FF27R0G-LI  | Resistor, 27Ω, ±1%, 0402 Liz                                         | 2  | PCS | R57R178                                                                                                                                                                                   |
| 5   | ER-CR0402FF3301G-LI        | ER-0402FF3301G-LI  | Resistor, 3.3KΩ, ±1%, 0402 Liz                                       | 2  | PCS | R55 R190                                                                                                                                                                                  |
| 5   | ER-CR0402FF1502G-LI        | ER-0402FF1502G-LI  | Resistor, 15.0KΩ 1/16W ±1% SMD 0402, Liz                             | 5  | PCS | R110-113 R116                                                                                                                                                                             |
| 5   | ER-CR0402FF1201G-LI        | ER-0402FF1201G-LI  | Resistor, 1.2KΩ, ±1% 0402 ,Liz                                       | 4  | PCS | R28 R34 R5 R191                                                                                                                                                                           |
| 5   | ER-CR0402FF3303G-LI        | ER-0402FF3303G-LI  | Resistor, 330K Ω, ±1% 0402 ,Liz                                      | 2  | PCS | R72, R88                                                                                                                                                                                  |
| 5   | N/A                        | EI-15HS2N0S02D-MU  | FIXED IND 2NH 300MA 100 MOHM SMD,LQG15HS2N0S02D,MuRata               | 1  | PCS | R200                                                                                                                                                                                      |

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| 5   | EU-S1313B33M5T1-SE       | EU-S1313B33M5T1-SE  | LDO,3.3V,SOT-23-5,S-1313B33-M5T1U3,Seiko                                                                                                                           | 1 | PCS | U5      |
| 5   | EU-M35FA03STD-QU         | EU-M35FA03STD-QU    | GSM/GPRS,19.9*23.6*2.65mm,SMD,M35FA-03-STD,Quectel                                                                                                                 | 1 | PCS | U9      |
| 5   | EU-W25Q16DVSNIQ-008SWI   | EU-W25Q16DVSNIQ-WI  | Serial Flash, 16MBIT, winbond part no W25Q16DVSNIQ, SOIC-8(150mil width),Winbond Electronics                                                                       | 1 | PCS | U11     |
| ALT | N/A                      | EU-W25Q16JVSNIQ-WI  | Serial Flash, 16MBIT, SERIAL FLASH MEMORY WITH DUAL/QUAD SPI (part no:W25Q16JVSNIQ), SOIC-8(150mil width),Winbond Electronics                                      | 0 | PCS | U11     |
| 5   | ES-EVQ-P6YB55-PAS        | ES-EVQ-P6YB55-PA    | Light Touch Switches,4x4 mm Square SMD,EVQ-P6YB55,Panasonic                                                                                                        | 1 | PCS | VC      |
| 5   | EU-TDA8035HN/C1-NX       | EU-TDA8035HN/C1-NX  | IC SMARD CARD INTERFACE 32HVQFN,TDA8035HN/C1,157,NXP                                                                                                               | 2 | PCS | U7 U12  |
| ALT | N/A                      | EU-8035HN/C1/S1-NX  | IC SMARD CARD INTERFACE 32HVQFN,TDA8035HN/C1/S1,NXP                                                                                                                | 0 | PCS | U7 U12  |
| 5   | EJ-EMV-U0W05WE21         | EJ-EMV-U0W05WE21    | MICRO USB 5P SMT TYPE,USB-1075-05S,Wellco                                                                                                                          | 1 | PCS | J1      |
| ALT | EJ-1399-U0W01NE21        | EJ-1399-U0W01NE21   | Micro USB Socket Spin SMD B Type,5075MBR-05-SM4,Neltron                                                                                                            | 0 | PCS | J1      |
| 5   | EJ-307-O0W08MO2J         | EJ-307-O0W08MO2J    | CONN .5MM FPC 8POS RA SMD B-FLIP,5034800800,Molex Inc                                                                                                              | 1 | PCS | J11     |
| 5   | ED-RB550EATR-RO          | ED-RB550EATR-RO     | DIODE SCHOTTKY 30V 700MA TSMD5 RB550EATR TSOT-23-5 ROHM                                                                                                            | 1 | PCS | U8      |
| 5   | EU-XC6503D-005STO        | EU-XC6503D-TO       | Positive Voltage Regulators 3V3 500mA,XC6503D-3V3,SOT25,Torex                                                                                                      | 1 | PCS | U15     |
| 5   | EU-XC6802A42XMR-G-005STO | EU-XC6802A42XMR-TO  | IC, 1 Cell Li-ion Battery Linear Charger IC with Constant-Current/Constant-Voltage, SOT-25, XC6802A42XMR-G,Torex                                                   | 1 | PCS | U3      |
| 5   | EY-5XAA08000182IFA0Q3-IN | EY-08000182IFA0-IN  | Crystal 8MHz 5.0 X 3.2 mm,5XAA08000182IFA0Q3,Interquip                                                                                                             | 1 | PCS | X2      |
| 5   | MP-407-03                | MP-407-03           | 5.5*4*16.5*0.4mm                                                                                                                                                   | 1 | PCS | CONN3   |
| 5   | MP-407-04                | MP-407-04           | 5.5*4*16.5*0.4mm                                                                                                                                                   | 1 | PCS | CONN1   |
| 6   | N/A                      | EPCB-B406-62SY      | Wisepad2 PCB4 V0.2                                                                                                                                                 | 1 | PCS | PCB4    |
| 6   | EJ-WISEPAD-O0W01MU2C     | EJ-307-O0W01MU2C    | Sim connector,MUP-C746,MUP                                                                                                                                         | 1 | PCS | U2      |
| 4   | EA-BLG128641820-FO       | EA-BLG128641820-FO  | 128*64 DOTS FSTN/POSITIVE TYPE,TRANSFLECTIVE MODE,12 o'clock 1/64 Duty,1/9 Bias LCD Display,ST7567,42mm*31.6mm*3mm,BLG1286418-20-FPBW,FORISE                       | 1 | PCS | NA      |
| ALT | EA-12864K000SPC-EA       | EA-12864K000SPC-EA  | 128*64 DOTS FSTN, POSITIVE,TRANSFLECTIVE,12 O'CLOCK,1/65 DUTY, 1/9 BIAS, 9.0V,COG+FPC,ST7567,SMMC12864-KO-00-SPC,JIANGSU SMARTWIN ELECTRONICS TECHNOLOGY CO., LTD. | 0 | PCS | NA      |
| ALT |                          | EA-HEM12864234-YI   | 128 X 64 dots FSTN Positive Type, Transflective Mode,12 o'clock 1/64 Duty, 1/9 Bias LCD Display,ST7567,42mm*31.6mm*3mm,HEM12864-234-C-01                           | 0 | PCS | NA      |
| 4   | MP-406-12                | MP-406-12           | Φ0. 9*23. 9*5. 9                                                                                                                                                   | 1 | PCS | TP25    |
| 4   | N/A                      | EB-CR2016F4M-TR1    | CR2016-F4M,KL160602,Tronic Technology                                                                                                                              | 1 | PCS | BAT3    |
| 4   | EZ-PE160038CW04-SO       | EZ-PE160038CW04-SO  | D16mm, H0.22mm Piezo Element, 3800Hz, 14000pF With 72mm wire ( UL1571 , AWG#30 )PE160038CW-04,SOUND                                                                | 1 | PCS | NA      |
| 4   | EPCB-A407-01TI           | EPCB-A407-01TI      | GPRS ,FPC,52.7*15.84mm,C081-60B-211-211,L=60mm,                                                                                                                    | 1 | PCS | FPC7    |
| 5   | N/A                      | EPCB-B406-67SY      | 4 layers PCB,FR-4,62.5*46.4mm,T=1.6mm,1oz, Wisepad2 PCB1 V1.0.0                                                                                                    | 1 | PCS | PCB1    |
| 5   | EJ-307-O0W01NE1F         | EJ-307-O0W01NE1F    | Broad To Board Connector,2000P-30G-240-020,Neltron                                                                                                                 | 1 | PCS | J9      |
| 5   | EL-KPHHS-1005QBC-D-V-KI  | EL-HHS1005QB CDV-KI | LED,Blue,1*0.5mm SMT LED,KPHHS-1005QBC-D-V,Kingbright                                                                                                              | 1 | PCS | D13     |
| 5   | EC-CL05B104K05NNNC-SA    | EC-05B104K05NNN-SA  | Capacitor Ceramic 0.1uF 16V X7R 10% SMD 0402, Samsung                                                                                                              | 2 | PCS | C2 C24  |
| 5   | EC-CL05B224K05NNNC-SA    | EC-05B224K05NNN-SA  | Capacitor Ceramic 0.22uF 16V X7R,10% SMD,T=0.55mm 0402,Samsung                                                                                                     | 2 | PCS | C12-13  |
| 5   | EC-CL05C220JB5NNNC-SA    | EC-05C220JB5NNN-SA  | Capacitor,Ceramic Chip,22pF,±5%,50V,COG, 0402,Samsung                                                                                                              | 1 | PCS | C31     |
| 5   | EC-CL05A334KQ5NNNC-SA    | EC-05A334KQ5NNN-SA  | Capacitor Ceramic 0.33uF 6.3V X5R 10% SMD 0402,Samsung                                                                                                             | 2 | PCS | C14 C17 |

|   |                       |                     |                                                                                |    |     |                                                  |
|---|-----------------------|---------------------|--------------------------------------------------------------------------------|----|-----|--------------------------------------------------|
| 5 | EC-CL10C560JB8NNNC-SA | EC-10C560JB8NNN-SA  | Capacitor Ceramic 56pF 50V C0G 5% SMD 0603,Samsung                             | 1  | PCS | C38                                              |
| 5 | EC-CL10A106KP8NNNC-SA | EC-10A106KP8NNN-SA  | Capacitor,Ceramic Chip,10uF,±10%;10V;X5R, 0603,Samsung                         | 1  | PCS | C4                                               |
| 5 | EC-CL10A105KP8NNNC-SA | EC-10A105KP8NNN-SA  | Capacitor, Ceramic Chip,X5R,1uF,10V,10%,T=0.95mm 0603 ,Samsung                 | 1  | PCS | C3                                               |
| 5 | EC-CL10A475KP8NNNC-SA | EC-10A475KP8NNN-SA  | Capacitor Ceramic 4.7uF 10V X5R 10% SMD 0603,Samsung                           | 1  | PCS | C1                                               |
| 5 | EJ-1309-OOB01MU26     | EJ-1309-OOB01MU26   | SMART CARD CONNECTOR,MUP-C867 TYPE2,MUP                                        | 1  | PCS | J2                                               |
| 5 | N/A                   | EJ-406-00B01MU22    | SMART CARD CONNECTOR,MUP-C867 TYPE2 A,MUP                                      | 0  | PCS | J2                                               |
| 5 | ER-CR0603FA0000G-LI   | ER-0603FA0000G-LI   | Resistor,0Ω,±1% 0603,Liz                                                       | 6  | PCS | R8 R27 R38 R41-42 R45                            |
| 5 | ER-CR0402FF0000G-LI   | ER-0402FF0000G-LI   | Resistor, 0Ω, ±1% 0402, Liz                                                    | 6  | PCS | R1-2 R5 R7 R11 R15                               |
| 5 | ER-CR0402FF1002G-LI   | ER-0402FF1002G-LI   | Resistor, 10K Ω, ±1% 0402, Liz                                                 | 2  | PCS | R16 R39                                          |
| 5 | ER-CR0402FF2200G-LI   | ER-0402FF2200G-LI   | Resistor, 220Ω, ±1%, 0402 Liz                                                  | 1  | PCS | R19                                              |
| 5 | ER-CR0603FA27R0G-LI   | ER-0603FA27R0G-LI   | Resistor, 27Ω, ±1% 0603,Liz                                                    | 1  | PCS | R37                                              |
| 5 | EU-TDA8035HN/C1-NX    | EU-TDA8035HN/C1-NX  | IC SMARD CARD INTERFACE 32HVQFN,TDA8035HN/C1,157,NXP                           | 1  | PCS | U2                                               |
| 5 | N/A                   | EPCB-B406-71SY      | 4 layers PCB,56.1*16mm,T=3mm, 1/2 oz,Wisepad2 PCB3 V1.1.0.                     | 1  | PCS | PCB3                                             |
| 4 | N/A                   | EPCB-B406-70TC      | 2 layers FPCB, 48.15mm x 43mm thickness 0.13mm,Wisepad2_FPC1_V1.0.0            | 1  | PCS | FPC1                                             |
| 4 | N/A                   | EPCB-A406-59TC      | Wisepad2 FPC3 V0.6                                                             | 1  | PCS | FPC3                                             |
| 5 | N/A                   | EPCB-B406-64SY      | Printer Board: FR-4, 70um, 1.0mm, 51.1mm x 43.2mmWisepad2 PCB5 V0.6            | 1  | PCS | PCB5                                             |
| 5 | EJ-WISEPAD-O0W20MO28  | EJ-307-O0W20MO28    | CONN .5MM FPC 20PS RA SMD B-FLIP 5034802000 Molex Inc                          | 1  | PCS | J6                                               |
| 5 | EM-AM4463P-AN         | EM-AM4463P-AN       | MOSFET,AM4463P, SO8, Analog Power                                              | 1  | PCS | Q107                                             |
| 5 | EC-CL05B104KO5NNNC-SA | EC-05B104KO5NNN-SA  | Capacitor Ceramic 0.1uF 16V X7R 10% SMD 0402, Samsung                          | 11 | PCS | C2-3 C102 C106 C108 C111 C112 C159-160 C163 C173 |
| 5 | EC-CL05C100DB5NNNC-SA | EC-05C100DB5NNN-SA  | Capacitor,Ceramic Chip,10PF, 0.5PF, 50V, C0G,0402,Samsung                      | 2  | PCS | C95 C97                                          |
| 5 | EC-CL05B471KB5NNNC-SA | EC-05B471KB5NNN-SA  | Capacitor,Ceramic Chip,470pF,±10%;50V;X7R 0402 ,Samsung                        | 1  | PCS | C158                                             |
| 5 | EC-CL05B562KB5NNNC-SA | EC-05B562KB5NNN-SA  | Capacitor,Ceramic Chip, 5.6nF,50V,±10%,X7R 0402, Samsung                       | 1  | PCS | C162                                             |
| 5 | EC-CL10A105KO8NNNC-SA | EC-10A105KO8NNN-SA  | Capacitor,Ceramic Chip,1uF,±10%;16V;X5R, 0603, Samsung                         | 3  | PCS | C92 C174 C176                                    |
| 5 | EC-CL10A475KP8NNNC-SA | EC-10A475KP8NNN-SA  | Capacitor Ceramic 4.7uF 10V X5R 10% SMD 0603,Samsung                           | 1  | PCS | C177                                             |
| 5 | EC-CL21A106KPFNNNE-SA | EC-21A106KPFNNNE-SA | MLCC Capacitor,Ceramic Chip,SMD/SMT 10uF 10% 10Volts 0805,Samsung              | 3  | PCS | C1 C153 C156                                     |
| 5 | EC-CL10A106KP8NNNC-SA | EC-10A106KP8NNN-SA  | Capacitor,Ceramic Chip,10uF,±10%;10V;X5R, 0603,Samsung                         | 1  | PCS | C99                                              |
| 5 | EC-21B105KOFNNN-SA    | EC-21B105KOFNNN-SA  | Capacitor,Ceramic Chip,1uF,±10%;16V;X7R,0805,CL21B105KOFNNNE,Samsung           | 1  | PCS | C175                                             |
| 5 | EC-CL31A107MQHNNNE-SA | EC-31A107MQHNNN-SA  | Capacitor,Ceramic Chip,CAP CER 100UF 6.3V 20% X5R 1206,CL31A107MQHNNNE,Samsung | 1  | PCS | C168                                             |
| 5 | EC-227K010RNJ-AV      | EC-227K010RNJ-AV    | CAP TANT 220UF 10V 10% 2917,TAJD227K010RNJ,AVX Corporation                     | 1  | PCS | C164                                             |
| 5 | EC-CL10B104KB8NNNC-SA | EC-10B104KB8NNN-SA  | Capacitor Ceramic 100nF 50V X7R 10% SMD 0603,Samsung                           | 4  | PCS | C154-155 C157 C171                               |
| 5 | EC-CL10B103KB8NNNC-SA | EC-10B103KB8NNN-SA  | Capacitor,Ceramic Chip, 10nF,50V,±10%,X7R 0603, Samsung                        | 2  | PCS | C161 C169                                        |
| 5 | EC-CL10A225KP8NNNC-SA | EC-10A225KP8NNN-SA  | Capacitor,Ceramic Chip,2.2uF,±10%;10V;X5R, 0603,Samsung                        | 2  | PCS | C152 C172                                        |
| 5 | ER-CR0603FA2702G-LI   | ER-0603FA2702G-LI   | Resistor, 27KΩ, ±1% 0603 ,Liz                                                  | 1  | PCS | R184                                             |

|     |                          |                    |                                                                                                                               |   |     |                             |
|-----|--------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|---|-----|-----------------------------|
| 5   | N/A                      | ER-0805F8R025G-LI  | Resistor,0.025R,1%,0805,CR0805F8R025G,Liz                                                                                     | 1 | PCS | R185                        |
| 5   | EY-5YAA12000102IFA0Q3-IN | EY-12000102IFA0-IN | Crystal 12MHz 3.2 X 2.5 mm,5YAA12000102IFA0Q3,Interquip                                                                       | 1 | PCS | X3                          |
| 5   | ET-DDTC115EE-7-F-DI      | ET-DDTC115EE7F-DI  | Transistor,NPN 150MW SOT523,DDTC115EE-7-F,Diodes Inc                                                                          | 1 | PCS | Q4                          |
| 5   | EI-SDS125H-150M-LF-CO    | EI-125H150MLF-CO   | INDUCTOR SHIELD PWR 15UH SMD SDS125H-150M-LF,coilmaster                                                                       | 1 | PCS | L9                          |
| ALT | EI-DR127-150-R-CB        | EI-DR127-150-R-CB  | INDUCTOR SHIELD PWR 15UH SMD DR127-150-R,Cooper Bussmann                                                                      | 0 | PCS | L9                          |
| 5   | EU-DRV8833RTYR-016STI    | EU-DRV8833RTYR-TI  | DRV8833 Dual H-Bridge Motor Drivers, DRV8833RTYR, QFN16, Ti                                                                   | 1 | PCS | U25                         |
| 5   | EU-GD32F103CB-GD         | EU-GD32F103CB-GD   | MCU,LQFP48,GD32F103CB,GigaDevice Semiconductor                                                                                | 1 | PCS | U9                          |
| 5   | EM-IRF7807ZTRPBF-IN      | EM-F7807ZTRPBF-IN  | MOSFET IRF7807ZTRPBF SO8,SMD,International Rectifier                                                                          | 1 | PCS | U24                         |
| 5   | EM-IRLML6401TRPBF-IN     | EM-LML6401TRPBF-IN | MOSFET, 12V, P-MOS, IRLML6401TRPBF , SOT-23, International Rectifier                                                          | 1 | PCS | Q6                          |
| 5   | EU-LM3478MM-080STI       | EU-LM3478MM-TI     | IC REG CTRL BST FLYBK PWM 8VSSOP LM3478MM Texas Instruments                                                                   | 1 | PCS | U23                         |
| 5   | EU-W25Q16DVSNIQ-008SWI   | EU-W25Q16DVSNIQ-WI | Serial Flash, 16MBIT, winbond part no W25Q16DVSNIQ, SOIC-8(150mil width),Winbond Electronics                                  | 1 | PCS | U11                         |
| ALT | N/A                      | EU-W25Q16IVSNIQ-WI | Serial Flash, 16MBIT, SERIAL FLASH MEMORY WITH DUAL/QUAD SPI (part no:W25Q16IVSNIQ), SOIC-8(150mil width),Winbond Electronics | 0 | PCS | U11                         |
| 5   | EU-S1313B30M5T1-SE       | EU-S1313B30M5T1-SE | LDO 3v,SOT23-5,S-1313B30-M5T1U3,Seiko                                                                                         | 1 | PCS | U26                         |
| ALT | EU-XC6201P302MR-G-003STO | EU-XC6201P302MR-TO | LDO 3v SOT23-5 , XC6201P302MR-G,Torex                                                                                         | 0 | PCS | U26                         |
| 5   | ED-MBRS340T3-ON          | ED-MBRS340T3-ON    | DIODE SCHOTTKY 40V 4A SMC MBRS340T3 ON Semiconductor                                                                          | 1 | PCS | D101                        |
| 5   | ET-MMBT3904T-7-F-DI      | ET-MMBT3904T7F-DI  | TRANSISTOR NPN 200MA 40V SOT523,MMBT3904T-7-F,Diodes Incorporated                                                             | 1 | PCS | Q3                          |
| ALT | ET-MMBT3904TT1G-ON       | ET-MMBT3904TT1G-ON | Transistor,NPN,MMBT3904TT1G SOT-416,On Semiconductor                                                                          | 0 | PCS | Q3                          |
| 5   | EJ-MIPB1314-O0W30MO2I    | EJ-1314-O0W30MO2I  | CONN FFC 30POS 1MM VERT SMD 0526103033 Molex Inc                                                                              | 1 | PCS | CON102                      |
| 5   | EJ-407-O0B05XI2I         | EJ-407-O0B05XI2I   | BATT-CON5-3.5MM,ZI-5P-3.5PH-2.9H                                                                                              | 1 | PCS | CONN2                       |
| 5   | ER-CR0402FF1201G-LI      | ER-0402FF1201G-LI  | Resistor, 1.2KΩ, ±1% 0402 ,Liz                                                                                                | 1 | PCS | R187                        |
| 5   | ER-CR0402FF1004G-LI      | ER-0402FF1004G-LI  | Resistor, 1MΩ, ±1% 0402, Liz                                                                                                  | 3 | PCS | R163 R190-191               |
| 5   | ER-CR0402FF2203G-LI      | ER-0402FF2203G-LI  | Resistor, 220K, ±1% 0402, Liz                                                                                                 | 1 | PCS | R189                        |
| 5   | ER-CR0402FF3302G-LI      | ER-0402FF3302G-LI  | Resistor, 33K, ±1% 0402, Liz                                                                                                  | 1 | PCS | R179                        |
| 5   | ER-CR0402FF4702G-LI      | ER-0402FF4702G-LI  | Resistor, 47K, ±1% 0402 ,Liz                                                                                                  | 2 | PCS | R180 R188                   |
| 5   | ER-CR0402FF1003G-LI      | ER-0402FF1003G-LI  | Resistor, 100KΩ, ±1% 0402, Liz                                                                                                | 3 | PCS | R69 R183 R194               |
| 5   | ER-CR0402FF1002G-LI      | ER-0402FF1002G-LI  | Resistor, 10KΩ, ±1% 0402, Liz                                                                                                 | 4 | PCS | R41-42 R68 R182             |
| 5   | ER-CR0402FF2201G-LI      | ER-0402FF2201G-LI  | Resistor,2.2KΩ, 1% 0402 ,Liz                                                                                                  | 1 | PCS | R2                          |
| 5   | ER-0402FF6801G-LI        | ER-0402FF6801G-LI  | Resistor,6.8KΩ,±1% 0402,CR0402FF6801G,Liz                                                                                     | 1 | PCS | R3                          |
| 5   | ER-CR0603FA0000G-LI      | ER-0603FA0000G-LI  | Resistor,0Ω,±1% 0603,Liz                                                                                                      | 6 | PCS | R186 R192-193 R195 R199-200 |
| 5   | ER-CR0603FA1004G-LI      | ER-0603FA1004G-LI  | Resistor 1M, 1% 0603 ,Liz                                                                                                     | 1 | PCS | R197                        |
| 5   | ER-0603FA2200G-LI        | ER-0603FA2200G-LI  | Resistor,220Ω,±1%,0603,CR0603FA2200G,Liz                                                                                      | 1 | PCS | R181                        |
| 6   | EJ-MIPB1314-O0W01SE2D    | EJ-1314-O0W01SE2D  | Printer,LTP01-245-11,Seiko Instruments                                                                                        | 1 | PCS | NA                          |
| 6   | EB-FT684055P-FU2         | EB-FT684055P-FU2   | High Discharge Battery,1300mAh, FT684055P/1300mAh,Hangzhou Future Power Technology CO., LTD                                   | 1 | PCS | NA                          |
| 6   | N/A                      | EH-34550B98SF99-T0 | GR34550B98SF99,4.8mm,GEKA                                                                                                     | 1 | PCS | NA                          |
| 5   | N/A                      | EPCB-B406-65SY     | PCB,FR-4,60.5*19.4mm,Wisepad2 PCB6 V0.7                                                                                       | 1 | PCS | PCB6                        |

|   |                     |                    |                                                                        |   |     |              |
|---|---------------------|--------------------|------------------------------------------------------------------------|---|-----|--------------|
| 5 | EL-KPA2106QBC-D-KI  | EL-KPA2106QBC-D-KI | Right Angled Blue LED,KPA-2106QBC-D,KingBright                         | 1 | PCS | J1           |
| 5 | N/A                 | EPCB-A407-02TC     | FPC,1/2oz, 0.13mm,24.3mm,Wisepad2 FPC6 V0.8.0,                         | 1 | PCS | FPC6         |
| 5 | ER-CR0402FF1201G-LI | ER-0402FF1201G-LI  | Resistor, 1.2K $\Omega$ , $\pm$ 1% 0402 ,Liz                           | 5 | PCS | R1 R9-11 R13 |
| 5 | ER-CR0402FF2200G-LI | ER-0402FF2200G-LI  | Resistor, 220 $\Omega$ , $\pm$ 1%, 0402 Liz                            | 2 | PCS | R7, 12       |
| 5 | ER-CR0402FF0000G-LI | ER-0402FF0000G-LI  | Resistor, 0 $\Omega$ , $\pm$ 1% 0402, Liz                              | 4 | PCS | R2 R3 R4 R23 |
| 5 | ER-CR0402FF2201G-LI | ER-0402FF2201G-LI  | Resistor,2.2K $\Omega$ , 1% 0402 ,Liz                                  | 1 | PCS | R8           |
| 5 | EL-KPA2106QBC-D-KI  | EL-KPA2106QBC-D-KI | Right Angled Blue LED,KPA-2106QBC-D,KingBright                         | 1 | PCS | D4           |
| 5 | EU-BU1850MUV-RO     | EU-BU1850MUV-RO    | EU-BU1850MUV-RO                                                        | 1 | PCS | U1           |
| 5 | EL-3010SURKQBDC-KI  | EL-3010SURKQBDC-KI | right angle bi-colour LED, red and blue,KPBA-3010SURKQBDC,KingBright   | 1 | PCS | D3           |
| 5 | EL-3010QBDCGKC-KI   | EL-3010QBDCGKC-KI  | right angle bi-colour LED, green and blue,KPBA-3010QBDCGKC,KingBright  | 1 | PCS | D2           |
| 5 | EL-3010QBDSYKC-KI   | EL-3010QBDSYKC-KI  | right angle bi-colour LED, yellow and blue,KPBA-3010QBDSYKC,KingBright | 1 | PCS | D10          |
| 3 | EPCB-A406-50TC      | EPCB-A406-50TC     | Printer connector Board: FPC, 0.13mm, 17.8mm x 42mm,Wisepad2 FPC5 V0.4 | 1 | PCS | FPC5         |

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