



Bill of Materials

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Source Data From: EasyESP_Home_revA.PrjPcb
 Project: EasyESP_Home_revA.PrjPcb
 Variant: None

Creation Date: 2018-2-27 16:04:14
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| Footprint | Comment | LibRef | Designator | Description | Quantity |
|-------------|-------------------------|--------------------------------|--|------------------------------|----------|
| CAP0603N | 0.1uF | Cap, Cap603, 电 | C101, C102, C111, C114, C117, C118, C120 | Capacitor, Capacitor SMD, 电容 | 7 |
| CAP0603N | 0.01uF | cap | C103 | Capacitor | 1 |
| cap0603n | 2200pF | cap | C104 | Capacitor | 1 |
| cap0603n | 0.1uF | cap | C105, C106, C108, C110 | Capacitor | 4 |
| CAP0805N | 10uF | cap | C107 | Capacitor | 1 |
| CAP0805N | 4.7uF | cap | C109 | Capacitor | 1 |
| CAP0805N | CAPACITOR | CAP CER 0805 4.7uF 16V X7R 10% | C112 | Capacitor | 1 |
| CAP0603N | CAPACITOR | CAP CER 0805 100nF 50V X7R 10% | C113 | Capacitor | 1 |
| 3528(Bcase) | 10uF/16V | 铝电容 | C115 | 铝电容 | 1 |
| 3528(Bcase) | 22uF/10V | 铝电容 | C116 | 铝电容 | 1 |
| CAP0603N | 0.01uF | Cap | C119 | Capacitor | 1 |
| MicroUSB | Micro USB B | USB Micro B SMT | CONN101 | USB Micro B SMT Socket | 1 |
| 0603_LED | STAT | LED 603 BI | D101, D109 | Blue 603 LED | 2 |
| LED5MM | STAT | LED 603 BI | D102, D103, D104, D105, D106, D107, D108 | Blue 603 LED | 7 |
| LED0603 | BAT_W | LED 603 BI | D110, D112 | Blue 603 LED | 2 |
| LED0603 | Green | LED 603 Gr | D111 | Green 603 LED | 1 |
| TSOP4838 | TSOP4838 | Header 3 | P101 | Header, 3-Pin | 1 |
| HDR2X8 | Header 8X2 | Header 8X2 | P102 | Header, 8-Pin, Dual row | 1 |
| SOT23-3N | MMBT3904 | MMBT3904 | Q101 | | 1 |
| RES0603N | Res402 | Res402 | R101, R118 | Resistor SMD | 2 |
| RES0603N | NC/0R | Res603 | R102 | Resistor SMD | 1 |
| RES0603N | 0R | Res603 | R103, R138, R139, R140 | Resistor SMD | 4 |
| RES0603N | 2K | Res603 | R104 | Resistor SMD | 1 |
| RES0603N | 0R/NC | Res603 | R105 | Resistor SMD | 1 |
| RES0603N | 100R | Res603 | R106, R107, R108, R109, R110, R111, R112 | Resistor SMD | 7 |
| RES0603N | 1K | Res603 | R113, R115 | Resistor SMD | 2 |
| RES0603N | 10K | Res603 | R114 | Resistor SMD | 1 |
| RES0603N | 10K, 0.1W, 1%, SMD 0805 | RES 0805 10k 1% 1/10W | R116, R117, R119, R120, R127, R128 | Resistor | 6 |
| RES0603N | Res402 | Res402 | R121, R123 | Resistor SMD | 2 |
| RES0603N | Res402 | Res402 | R122, R126 | Resistor SMD | 2 |
| RES0603N | Res402 | Res402 | R124 | Resistor SMD | 1 |
| RES0603N | Res402 | Res402 | R125 | Resistor SMD | 1 |
| RES0603N | Res402 | Res402 | R129 | Resistor SMD | 1 |
| RES0603N | Res402 | Res402 | R130, R133, R134, R135, R136 | Resistor SMD | 5 |
| RES0603N | Res402 | Res402 | R132 | Resistor SMD | 1 |
| KEY-4.5 | SW-PB | SW-PB | S101 | KEY | 1 |
| SWITCH-3 | KEY_2.54pitch | Header 3 | SW101 | Header, 3-Pin | 1 |
| TP1215 | TP | TP | TP101, TP102, TP103, TP104, TP105, TP106, TP107, TP108, TP109, TP110, TP111, TP112, TP113, TP114, TP115, TP116, TP117, TP118 | | 18 |
| SHT10 | SHT10 | SHT1X | U101 | | 1 |
| LGA-8 | BMP280 | BMP280 | U102 | | 1 |
| QFN24-SLUG | MPU6050 | MPU60X0 | U103 | | 1 |
| MS5611 | MS5611 | MS5611 | U104 | | 1 |
| ESP12 | ESP-12 | ESP-12 | U105 | ESP8266 Wifi Module | 1 |
| SOP8_SLUG | TP4056 | TP4056 | U106 | | 1 |
| SOT-223 | ASM1117-3.3V | LM1117 | U107 | | 1 |
| SOP-16 | CH340G | CH340G | U108 | | 1 |
| CSTCE | 8Mhz Ceralock | CERALOCK8 | X101 | Ceralock 8Mhz with caps | 1 |
| | | | | | 103 |

Approved

Notes