

| Remote Relay BOM |   |                   |
|------------------|---|-------------------|
| Qty              | Description                             | References        |
| 1                | Capacitor 10nF >=10v 2.54mm pitch       | C4                |
| 2                | Capacitor 100nF >=10v 2.54mm pitch      | C1-C2             |
| 3                | Capacitor 10uF >=10v 2.54mm pitch       | C3 C5-C6          |
| 1                | Diode 1N4001 DO-41                      | D2                |
| 1                | Diode 1N4148 DO-35                      | D3                |
| 2                | LED through hole 5mm diameter           | D1 D4             |
| 1                | PJ320E 3.5mm Audio Jack                 | J3                |
| 1                | Header 5 pin 2.54mm                     | J2                |
| 1                | Screw Terminal 3 pin 5.08mm pitch       | J1                |
| 1                | Relay Songle SRD-05VDC-SL-C             | K1                |
| 1                | NPN Transistor 2N3904 TO-92             | Q1                |
| 1                | Resistor 470r 1/4 watt through hole     | R3                |
| 6                | Resistor 1K 1/4 watt through hole       | R1-R2 R4-R5 R7-R8 |
| 1                | Resistor 100K 1/4 watt through hole     | R6                |
| 1                | DC-DC Converter Mornsun B0505S          | U1                |
| 1                | Optocoupler PC817                       | U3                |
| 1                | WeMOS D1 Mini module and female headers | U2                |