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| --- | --- | --- | --- |
| Component | Value | Remarks | Type |
| BZ1 | Buzzer | Ali |  |
| C1 | 100n ceramic |  |  |
| C2 | 15p ceramic |  |  |
| C3 | 15p ceramic |  |  |
| C4 | 100n ceramic |  |  |
| C5 | 22n ceramic | SI4735 only |  |
| C6 | 470n ceramic |  |  |
| C7 | 4u7 |  |  |
| C8 | 4u7 |  |  |
| C9 | 1n ceramic |  |  |
| C10 | 47u |  |  |
| C11 | 100n ceramic |  |  |
| C12 | 47u |  |  |
| J1 | Battery | Ali | PinHeader\_1x02\_P2.54mm\_Vertical (Male) |
| J2 | Audio |  | PinHeader\_1x03\_P2.54mm\_Vertical (Male) |
| J3 | SMA |  |  |
| J4 | SMA |  |  |
| J5 | Loop/ Dipole |  | PinHeader\_1x02\_P2.54mm\_Vertical (Male) |
| J6 | Display |  | PinHeader\_1x04\_P2.54mm\_Vertical (Male) |
| J7 | Si5351 | Ali | PinHeader\_1x07\_P2.54mm\_Vertical (Female) |
| JP1 | Jumper |  | PinHeader\_1x02\_P2.54mm\_Vertical (Male) |
| JP2 | x2 |  | PinHeader\_1x03\_P2.54mm\_Vertical (Male) |
| JP3 | x1 |  | PinHeader\_1x02\_P2.54mm\_Vertical (Male) |
| conn1 | ILI9341 connector on PCB |  | PinHeader\_1x14\_P2.54mm\_Vertical (female) |
| conn2 | ILI9341 connector on PCB |  | PinHeader\_1x4\_P2.54mm\_Vertical (female) |
| Q1 | BC547 |  |  |
| Q2 | BC557 |  |  |
| Q3 | BC547 |  |  |
| Q4 | BC547 |  |  |
| R1 | 4k7 1/4 watt carbon |  |  |
| R2 | 18k 1/4 watt carbon |  |  |
| R3 | 18k 1/4 watt carbon |  |  |
| R4 | 4k7 1/4 watt carbon |  |  |
| R5 | 4k7 1/4 watt carbon |  |  |
| R6 | 4k7 1/4 watt carbon |  |  |
| R7 | 4k7 1/4 watt carbon |  |  |
| R8 | 4k7 1/4 watt carbon |  |  |
| R9 | 4k7 1/4 watt carbon |  |  |
| R10 | 4k7 1/4 watt carbon |  |  |
| SW1 | Rotary\_Encoder\_Switch | Ali |  |
| T1 | FT50-43 |  | 0,25 mm copperwire |
| U1 | ESP32-DEVKITC\_30pin | Ali |  |
| U2 | 2.8 inch TFT 240\*320 Touchscreen ILI9341 | Ali |  |
| U3 | Si4735-D60-GU | Ali |  |
| U4 | Si4732-A10 | Ali |  |
| Y1 | 32.768kHz crystal | Ali |  |