

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|------------------|--|------------|-----------------------|------------------|----------|
| Cap2 | Capacitor | C1, C3, C5 | CAPR5-4X5 | Cap2 | 3 |
| Cap | Capacitor | C2, C4, C6 | RAD-0.3 | Cap | 3 |
| Diode 1N914 | High Conductance Fast Diode | D1 | DO-35 | Diode 1N914 | 1 |
| LED2 | Typical RED, GREEN, YELLOW, AMBER GaAs LED | D2 | 3.2X1.6X1.1 | LED2 | 1 |
| | NodeMCU is an open source IoT platform. ESP32 is a series of low cost, low powersystem-on-chip (SoC) microcontrollers with integrated Wi-Fi and dual-mode Bluetooth. | E1 | MODULE_ESP32_NODEMCU | ESP32_NODEMCU | 1 |
| Buzzer | Magnetic Transducer Buzzer | LS1 | ABSM-1574 | Buzzer | 1 |
| 12V | Header, 2-Pin | P1 | HDR1X2 | Header 2 | 1 |
| Keypad4x4 | Header, 8-Pin | P2 | HDR1X8 | Header 8 | 1 |
| LCD_I2C | Header, 4-Pin | P3 | HDR1X4 | Header 4 | 1 |
| Header 3 | Header, 3-Pin | P4 | HDR1X3 | Header 3 | 1 |
| NPN | NPN Bipolar Transistor | Q1 | TO-226-AA | NPN | 1 |
| Res1 | Resistor | R1, R2 | AXIAL-0.3 | Res1 | 2 |
| L7805 | Standard Regulator Pos 5V 1.5A 3-Pin(3+Tab) TO-220FP Tube | U1 | TO255P1020X450X2000-3 | L7805 | 1 |
| RFID-RC522 | Development kit in an integrated reader/writer IC MFRC522 for contactless communication at 13.56 MHz. | U2 | RFID-RC522 | RFID-RC522 | 1 |
| LM1117T-3.3/NOPB | 800-mA 15-V linear voltage regulator | U3 | TO254P1054X470X1955-3 | LM1117T-3.3/NOPB | 1 |