



| Comment                     | Description  | Designator | Footprint                        | LibRef                      | Quantity |
|-----------------------------|--|------------|----------------------------------|-----------------------------|----------|
| W.12EDGRC-5.08-2P           |  | CN1, CN2   | Terminal Block P5.08-<br>2P      | W.12EDGRC-5.08-2P           | 2        |
| Header 1x3                  |  | H1         | Header 1x3 male                  | Header 1x3                  | 1        |
| DC-005                      | DC Jack  | Л          | NINIGI_DC-005                    | DC-005                      | 1        |
| RelayMod                    |  | M1         | Relay Mod1                       | Relay Mod                   | 1        |
| LM2596                      |  | M2         | LM2596 Mod                       | LM2596 Mod                  | 1        |
| 2N2222                      | TRANSNPN 50V 0.8A<br>TO218   | Q1         | FP-JAN2N2222A-MFG                | OMP-06366-000013-1          | 1        |
| 1k                          | Axial Resistor,  | R1         | RESA60-630X240                   | OMP-1659-00075-1            | 1        |
| 10k                         | Axial Resistor,  | R2         | RESA60-630X240                   | OMP-1659-00075-1            | 1        |
| 4.7k                        | Axial Resistor,  | R3         | RESA60-630X240                   | QMP-1659-00075-1_1          | 1        |
| ESP32-S3-DEVKITC-1-<br>N8R2 | WiFi Development Tools - 802.11 (Engineering Samples Only) ESP32-S3 General-Purpose Development Board, ESP32-S3-WROOM-1- N8R2, with Pin Header | U1         | XCVR_ESP32-S3-<br>DEVKITC-1-N8R2 | ESP32-S3-DEVKITC-1-<br>N8R2 | 1        |