U3

C7

M1

M2

D2

PRO

OBPC

POWER

R5

IO0

SB1

RM1

WIFI  TX  RX  STT  EN

LED Status Indicators Gateway

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---|---|---|---|---|---|
| Anten | | *1, *2 | LOXO_433_NGANG | Anten | 2 |
| Micro_SD_Card | | *3 | Micro_SD_Card | Micro_SD_Card | 1 |
| 104 | Cap SMD | C1, C2, C3, C8, C9, C10, C12, C14, C15, C16 | SM-0805 | CM | 10 |
| 100uF 25V 6x7MM | Polarized Capacitor (Axial) | C4, C5, C6 | CAP-ALU-SMD-6.3x7.7x2.2 | CN-ALU-SMD | 3 |
| JP4 | WR-PHD 2.54 mm Angled Socket Header | C7 | JP4-C1T | JP4 | 1 |
| 22 | Cap SMD | C11, C13 | SM-0805 | CM | 2 |
| Diode | | D1, D2 | DIO-SMD-106 | Diode | 2 |
| LED | | LED1, LED2, LED3, LED4, LED5 | SM-LED-0805-Blue | LED | 5 |
| CC1101 | OBIT TEAM CC1101 UART 433MHZ | M1, M2 | CC1101 UART HC11 | CC1101 UART HC11 | 2 |
| 2N3904 | NPN 600mW, ECB | Q1, Q2 | SOT23-231 | 2N3904 | 2 |
| 470r | Resistor R1/4W | R1, R2, R4, R5, R10 | RES-SMD-0805 | R | 5 |
| 12k | Resistor R1/4W | R3, R7, R9 | RES-SMD-0805 | R | 3 |
| 10k | Resistor R1/4W | R6, R8 | RES-SMD-0805 | R | 2 |
| 10k | | RM1 | RN4-0805 | ResPack | 1 |
| SW | Switch-Button | S1, S2 | BUTTON-SMD 2PIN | SW-Button | 2 |
| SB_3 | | SB1 | SB_3 | SB_3 | 1 |
| AMS1117 | | U1, U2 | SOT223 | AMS117 | 2 |
| ESP32 MODULE | | U3 | ESP32S | ESP32 MODULE | 1 |
| CH340G | High and Low Side Driver | U4 | SO16 | CH340G | 1 |
| Port isn't USB | | USB1 | USB-M1 | USB_M | 1 |
| USB_M | | USB2 | USB-M1 | USB_M | 1 |
| 32.768 | Crystal, 32.768 KHz, -40 to 85 degC, 3.2 x 1.5 x 0.9 mm SMD | X1 | XT32k | XT2 | 1 |
| 12Mhz | Crystal, 32.768 KHz, -40 to 85 degC, 3.2 x 1.5 x 0.9 mm SMD | X2 | XT2 | XT2 | 1 |