

Lista de Materiais - BOM

| Projeto |
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| LoRaONE DevBoard |

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| Cliente : | |
| Produto : | LoRaONE DevBoard |
| Modelo (Montagem) : | 01 |
| Emissão da BOM : | 03 |

| ITEM | TIPO | QTD. | UNID. | DESCRIÇÃO | FABRICANTE | PARTNUMBER FABRICANTE | REFERÊNCIA |
|------|------|------|-------|--|---|--------------------------|------------------------------------|
| 1 | | 1 | | Antena C-3POEM915S4 Monopolo Spiral OEM 915Mhz | C-3PO Tecnologia | C-3POEM915S4 | ANT301 |
| 2 | | 2 | | CAP CER 1UF 25V X5R 0603 | Yageo | CC0603KRX5R8BB105 | C201, C202 |
| 3 | | 5 | | CAP CER 1000PF 25V X7R 0603 | Yageo | AC0603KRX7R8BB102 | C203, C206, C208, C403, C406 |
| 4 | | 4 | | CAP CER 10UF 25V X5R 0603 | Yageo | CC0603MRX5R8BB106 | C301, C204, C205, C207 |
| 5 | | 1 | | CAP CER 10000PF 25V X7R 0603 | Yageo | CC0603KRX7R8BB103 | C401 |
| 6 | | 1 | | CAP CER 4.7UF 25V X5R 0603 | Yageo | CC0603KRX5R8BB475 | C402 |
| 7 | | 2 | | CAP CER 47PF 25V NPO 0603 | Yageo | CC0603JRNPO8BN470 | C404, C405 |
| 8 | | 6 | | LED BLUE 0603 SMD | Vishay Semiconductor Opto Division | VLMB1310-GS08 | D101, D201, D202, D203, D401, D402 |
| 9 | | 1 | | DIODE GEN PURP 1KV 1A MINISMA | Comchip Technology | CGRM4007-G | D204 |
| 10 | | 1 | | CONN HEADER VERT 3POS 2MM | JST Sales America Inc. | B3B-PH-K-S(LF)(SN) | J101 |
| 11 | | 1 | | CONN RCPT USB2.0 MINI AB SMD R/A | TE Connectivity AMP Connectors | 1775051-1 | J102 |
| 12 | | 1 | | NM | NM | NM | J103 |
| 13 | | 1 | | NM | NM | NM | J301 |
| 14 | | 1 | | NM | NM | NM | J104 |
| 15 | | 1 | | INDUCTORPOWER LINE 0603 47H 10% | KEMET | L0603B470KPWFT | L401 |
| 16 | | 1 | | P-CHANNEL,MOSFETS,SOT23-6L PACKA | Micro Commercial Co | SIL2301-TP | Q201 |
| 17 | | 3 | | RES SMD 270 OHM 5% 1/10W 0603 | Yageo | RC0603JR-07270RL | R102, R403, R404 |
| 18 | | 3 | | RES SMD 470 OHM 5% 1/10W 0603 | Yageo | RC0603JR-07470RL | R201, R202, R203 |
| 19 | | 1 | | RES SMD 1K OHM 5% 1/10W 0603 | Yageo | RC0603JR-071KL | R204 |
| 20 | | 3 | | RES SMD 68K OHM 1% 1/10W 0603 | Yageo | RC0603FR-0768KL | R205, R206, R209 |
| 21 | | 1 | | RES SMD 10K OHM 1% 1/10W 0603 | Yageo | RT0603FRE0710KL | R207 |
| 22 | | 2 | | RES SMD 27 OHM 1% 1/10W 0603 | Yageo | RC0603FR-0727RL | R401, R402 |
| 23 | | 4 | | RES SMD 0 OHM JUMPER 1/10W 0603 | Yageo | RC0603JR-070RL | R405, R406, R407, R408 |
| 24 | | 1 | | IC LI-ION/LI-POLY CTRLR 10MSOP | Microchip Technology | MCP73833T-AMI/UM | U201 |
| 25 | | 1 | | IC SUPERVISOR 1 CHANNEL 3SSOP | Rohm Semiconductor | BD48K35G-TL | U202 |
| 26 | | 1 | | IC REG LINEAR 3.3V 2A 6DFN | STMicroelectronics | LD39200PU33R | U203 |
| 27 | | 1 | | LoRaONE Module Quadrar - Enablers | Quadrar - Enablers | LoRaONE | U301 |
| 28 | | 1 | | IC USB SERIAL BASIC UART 16SSOP | FTDI, Future Technology Devices International Ltd | FT230XS-R | U401 |
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| Notas | Controle |
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| | Elaborado por: |
| | Data: 15/10/2020 Airtón Toyofuku |
| | Revisado por: |
| | Data: |