

BOM - WLANThermo Nano v1 Pitmaster-Erweiterung Cuboid

| Kennung im Schaltplan | Bauteilbezeichnung | Anmerkung | Größe | Menge | Händler | enthalten in |
|-----------------------|--------------------|---------------------------------------|-------------|-------|--|------------------------------------|
| F1 | OZCJ0150FF2C | Resetable Fuse, IH 1.5A, IT 3.0A, 6V | SMD 1206 | 1 | Mouser | Mouser-Warenkorb |
| F2 | OZCJ0050AF2E | Resetable Fuse, IH 0.5A, IT 1.0A, 24V | SMD 1206 | 1 | Mouser | Mouser-Warenkorb |
| IC1 | MT3608 | DC-DC-Converter | SOT 23-6 | 1 | ALI | Cuboid-Bauteil-Kit |
| IC2 | TLV271CDBVR | Rail-to-Rail Operational Amplifier | SOT 23-5 | 1 | Mouser | Mouser-Warenkorb |
| T1 | 2SC3303 | Transistoren NPN | TO-252-3 | 1 | ALI / reichelt | Cuboid-Bauteil-Kit |
| D1 / D2 | PMEG4030ER/8X | Schottky Rectifiers, If 3A | SOD-123-2 | 2 | Mouser | Mouser-Warenkorb |
| D3 | HT-193NB-5589 | LED BLUE | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| R1 | RC0603DR-0747KL | 47K, 0.5%, 100 ppm/K | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| R2 | RC0603FR-072K32L | 2.32K, 1%, 100 ppm/K | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| R3 / R8 | RC0603FR-0710KL | 10K, 1%, 100 ppm/K | SMD 0603 | 2 | Mouser | Mouser-Warenkorb |
| R4 | RC0603JR-070RL | 0R | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| R5 | RC0603FR-0712KL | 12K, 1%, 100 ppm/K | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| R6 / R9 | RC0603FR-072KL | 2K, 1%, 100 ppm/K | SMD 0603 | 2 | Mouser | Mouser-Warenkorb |
| R7 | RC0603FR-073K48L | 3.48K, 1%, 100ppm/K, (PROG) | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| C1 / C2 | GRT21BR61E226ME13L | 22uF, 25V, 20%, X5R | SMD 0805 | 2 | Mouser | Mouser-Warenkorb |
| C3 | GRM188R71C105KE15D | 1uF, 16V, 10%, X5R | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| C4 | GRM188R71H104KA93D | 100nF, 50V, X7R | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| C5 | GRM188R71H102KA01D | 1nF, 50V, X7R | SMD 0603 | 1 | Mouser | Mouser-Warenkorb |
| L1 | SRN6045TA-220M | 22uH, 2.3A | SMD 6x6x4.2 | 1 | Mouser | Mouser-Warenkorb |
| K1 | 10118192-0001LF | Micro-USB Connector | SMD | 1 | Mouser | Mouser-Warenkorb |
| K2 / K4 | DC031A | DAC Connector | SMD | 2 | ALI | Cuboid-Bauteil-Kit |

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| K2* / K4* | 171-PA35135-1-E | 3.5x 1.3 mm Stecker | --- | 2 Mouser | Mouser-Warenkorb |
| P1 | Platine | 0,8 mm Platinendicke | --- | 1 GSV-Forum | Cuboid-Bauteil-Kit |
| G1 | Gehäuse | | --- | 1 3Dhubs | --- |
| M1 | Schrauben | M2x10 Zylinderkopfschraube DIN 84 | --- | 4 Ebay | Cuboid-Bauteil-Kit |
| M2 | Verbindungskabel | 2 Adern, Verbindung Nano zu Cubiod | --- | 1 | --- |
| K3 | RT5MPR | Mini (Tiny) XLR | TH | 1 Mouser / reichelt | optional |
| K3* | RT5FC-B | Mini (Tiny) XLR Stecker | --- | 1 Mouser / reichelt | optional |
| U3 | HK 21 | DC-Kupplung 5,5x2,1 mm Hohlstecker | --- | 1 reichelt | optional |
| U3 | HK 25 | DC-Kupplung 5,5x2,5 mm Hohlstecker | --- | 1 reichelt | optional |