

| Part | Value | Device | Package | Description | DIGIKEY |
|-------------|------------|------------|----------|--|----------------------|
| ANT | ANTENNA | ANTENNA | ANTENNA | Antenna | 712-1010-1-ND |
| BAL | BALUNBALUN | BALUNBALUN | BALUN | Balun | 712-1581-1-ND |
| SWA | BUTTON | BUTTON | BUTTON | Tactile button | CKN9085CT-ND |
| C1 | 2.2n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C1_M1 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C1_M2 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C1_M3 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C1_M4 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C2_M1 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C2_M2 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C2_M3 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C2_M4 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C3_M1 | 1u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C3_M2 | 1u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C3_M3 | 1u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C3_M4 | 1u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C4_M1 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C4_M2 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C4_M3 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C4_M4 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C4_REG | 10n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C5_M1 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C5_M2 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C5_M3 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C5_M4 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C6_M1 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C6_M2 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C6_M3 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C6_M4 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C7_M1 | 470n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C7_M2 | 470n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C7_M3 | 470n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C7_M4 | 470n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C8_M1 | 4.7u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C8_M2 | 4.7u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C8_M3 | 4.7u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C8_M4 | 4.7u | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C9 | 12p | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C10 | 47n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C11 | 12p | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C12 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C13 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C14 | 100n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C15 | 1n | C-EUC0603 | C0603 | CAPACITOR, European symbol | |
| C3_REG | 1u | C-EUC0805 | C0805 | CAPACITOR, European symbol | |
| C5_REG | 2.2u | C-EUC0805 | C0805 | CAPACITOR, European symbol | |
| Y1 | CRYSTAL | CRYSTAL | CRYSTAL | AVX Corp/Kyocera Corp CX2520DB16000D0GPSC1 | 1253-1718-1-ND |
| L1_REG | 33u | INDUCTOR | INDUCTOR | Inductor | PM124SH-330M-RCCT-ND |
| END_X | | MA02-12.54 | MA02-1 | PIN HEADER | |
| END_Y | | MA02-12.54 | MA02-1 | PIN HEADER | |
| END_Z | | MA02-12.54 | MA02-1 | PIN HEADER | |
| FAN1 | | MA02-12.54 | MA02-1 | PIN HEADER | |
| FAN2 | | MA02-12.54 | MA02-1 | PIN HEADER | |
| TEMP_BED | | MA02-12.54 | MA02-1 | PIN HEADER | |
| TEMP_NOZZLE | | MA02-12.54 | MA02-1 | PIN HEADER | |
| BED | | MA04-12.54 | MA04-1 | PIN HEADER | |

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| E | | MA04-12.54 | MA04-1 | PIN HEADER | |
| NOZZLE | | MA04-12.54 | MA04-1 | PIN HEADER | |
| SWD | | MA04-12.54 | MA04-1 | PIN HEADER | |
| X | | MA04-12.54 | MA04-1 | PIN HEADER | |
| Y | | MA04-12.54 | MA04-1 | PIN HEADER | |
| Z | | MA04-12.54 | MA04-1 | PIN HEADER | |
| 12V | | MA04-15.08 | MA04-1_5MM | PIN HEADER | ED2699-ND / ED2910-ND |
| PI_HEADER | | MA20-2 | MA20-2 | PIN HEADER | |
| Q1_BED | MOSFET | MOSFET | MOSFET | MOSFET | NTMFS5C604NLT1GOSCT-ND |
| Q1_NOZ | MOSFET | MOSFET | MOSFET | MOSFET | NTMFS5C604NLT1GOSCT-ND |
| IC_M1 | TMC2100 | TMC2100 | QFN36 | TMC2100 | 1460-1128-1-ND |
| IC_M2 | TMC2100 | TMC2100 | QFN36 | TMC2100 | 1460-1128-1-ND |
| IC_M3 | TMC2100 | TMC2100 | QFN36 | TMC2100 | 1460-1128-1-ND |
| IC_M4 | TMC2100 | TMC2100 | QFN36 | TMC2100 | 1460-1128-1-ND |
| IC1 | NRF51822 | NRF51822 | QFN48 | NRF51822 | 1490-1025-ND |
| R1_BED | 100R | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_FAN1 | 100R | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_FAN2 | 100R | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_LED | 100R | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_M1 | 20k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_M2 | 20k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_M3 | 20k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_M4 | 20k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_NOZ | 100R | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_SWA | 10k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_SWX | 10k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_SWY | 10k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R1_SWZ | 10k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R2_BED | 100k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R2_FAN1 | 100k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R2_FAN2 | 100k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R2_NOZ | 100k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R3_BED | 100k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R3_NOZ | 100k | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R4_M1 | 2R2 / 3R3 | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R4_M2 | 2R2 / 3R3 | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R4_M3 | 2R2 / 3R3 | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R4_M4 | 2R2 / 3R3 | R-US_R0603 | R0603 | RESISTOR, American symbol | |
| R2_M1 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R2_M2 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R2_M3 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R2_M4 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R3_M1 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R3_M2 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R3_M3 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| R3_M4 | TBD | R-US_R0805 | R0805 | RESISTOR, American symbol | |
| IC1_REG | REGULATOR | REGULATOR | REGULATOR | 5V Regulator | LM2596SX-5.0/NOPBCT-ND |
| LED | RGBLED | RGBLED | RGBLED | RGB LED | 160-1446-1-ND |
| D1_REG | SCHOTTKY | SCHOTTKY | SCHOTTKY | Schottky Diode | RSX501L-20TE25CT-ND |
| IC2_REG | LP2985-3V3 | LP2985-3V3 | SOT23 | LP2985 3.3V regulator | 296-18476-1-ND |
| Q1_FAN1 | MOSFETSOT23 | MOSFETSOT23 | SOT23_FAN | MOSFET | BSS316N H6327CT-ND |
| Q1_FAN2 | MOSFETSOT23 | MOSFETSOT23 | SOT23_FAN | MOSFET | BSS316N H6327CT-ND |
| C1_REG | 560u | TANTULUM | TANTULUM | Tantulum Capacitor | 565-4300-1-ND / 565-4301-1-ND |
| C2_REG | 390u | TANTULUM | TANTULUM | Tantulum Capacitor | 565-4300-1-ND / 565-4301-1-ND |
| POT_M1 | TRIMPOT | TRIMPOT | TRIMPOT | Trimpot | 3314R-1-103ECT-ND |
| POT_M2 | TRIMPOT | TRIMPOT | TRIMPOT | Trimpot | 3314R-1-103ECT-ND |

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| POT_M3 | TRIMPOT | TRIMPOT | TRIMPOT | Trimpot | 3314R-1-103ECT-ND |
| POT_M4 | TRIMPOT | TRIMPOT | TRIMPOT | Trimpot | 3314R-1-103ECT-ND |