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| --- | --- | --- | --- | --- | --- | --- |
| **Stepper Controller**  A3967 |  | **182 Ω**  RC0603FR-07182RL |  | **15pF**  C1608C0G1H150J |  | **9.76k Ω**  RMCF0603FT9K76 |
| **Dual Motor Driver** TB6612FNG | **432 Ω**  RC0603FR-07432RL | **15uF**  C3216X5R0J156M | **47uF 16V**  Polarized (AlElec) |
| **2.4GHz Chiptenna**  ANT-2.45-CHP-T | **442 Ω**  RC0603FR-07442RL | **Crystal 16Mhz**  NX3225SA-16.0000MHZ | **150mA 100V Diode**  1N4148W-TP |
| **RF Balun**  748421245 | **487 Ω**  RC0603FR-07487RL | **1uF**  GRM188R61A105KA61D | **3 input AND Gate**  SN74LVC1G11 |
| **74LVC1G11**  SN74LVC1G11DBVR | **976 Ω**  RC0603FR-07976RL | **1uH**  RLF7030T-1R0N6R4 | **ATMega128RFA1**  ATMEGA128RFA1-ZU-ND |
| **Blue LED**  APT1608QBC/D | **0.01uF**  C0603C103K5RACTU | **200k Ω**  RMCF 1/16 200K 1% R | **Dual PNP**  DMMT3906W-7-F |
| **Green LED**  APG1608CGKC/T | **0.047uF**  C1608X7R1E473K | **20k Ω**  RMCF0603JT20K0 | **Dual Schmitt Trigr**  NL27WZ14DFT2G |
| **USB A Connector**  AU-Y1006-2-R | **0.1nF**  C1608C0G1H101J | **22pF**  SQCB7M220JAJME | **Ferrite Bead**  MI0805K400R-10 |
| **USB Mini B**  UX60-MB-5S8 | **0.1uF**  TMK107BJ104KA-T | **22uH**  DR125-220-R | **4A 20V Diode**  MBRS340FSCT-ND |
| **Tricolor LED**  YSL-R596CR3G4B5C-C10 | **0.47uF**  C1608X5R1C474K | **2k Ω**  RMCF0603JT2K00 | **Quad NPN**  MMPQ3904 |
| **0.01Ω**  ERJ-6BWFR010V | **1V Diode**  CDSU101A | **30.1k Ω**  RMCF1/1630.1KFRCT | **SI5401DC**  SI5401DC-T1-E3 |
| **0.01Ω**  ERJ-M03NF10MV | **1.54k Ω**  RMCF 1/16 1.54K 1% R | **32.4k Ω**  RC0603FR-0732K4L | **70 Pin Header**  KIT0023 |
| **0.05Ω**  ERJ-L03KJ50MV | **1.4nH**  HK16081N5S-T | **4.7uF**  C0805C475K9PACTU | **Gumstix Overo Earth** |
| **0.1Ω**  Current Sense | **1.5uH**  RLF7030T-1R5N6R1 | **430pF**  GRM1885C1H431JA01D | **4.9A, 30V MOSFET**  IRF7303TRPBF |
| **4.7Ω**  RMCF 1/8 4.7 5% R | **1uF**  C0603C105K8PACTU | **45.3k Ω**  RC0603FR-0745K3L | **2952**  LTC2952CUF#PBF |
| **18Ω**  RC0603FR-0718RL | **100k Ω**  RMCF0603JT100K | **47uF**  GRM31CC80G476ME19 | **1.8V Lin Regulator**  TC1015-1.8VCT713 |
| **64.9Ω**  RC0603FR-0764R9L | **100k Ω**  RMCF 1/16 100K 1% R | **5.11k Ω**  RMCF0603FT5K11 | **5V LDO**  MCP1702T-5002E/CB |
| **68Ω**  RC0603FR-0768RL | **10k Ω**  RMCF0603JT10K0 | **680pF**  C1608C0G1H681J | **Level Shifter**  PCA9306DP,118 |
| **84.5 Ω**  RMCF 1/16 84.5 1% R | **10k Ω**  ERJ-3EKF1002V | **73.2k Ω**  RC0603FR-0773K2L | **LM317 Regulator**  LM317EMP/NOPB |
| **105 Ω**  RC0603FR-07105RL | **10uF**  0805YD106KAT2A | **845k Ω**  RC0603FR-07845KL | **LTC3633 Buck**  LTC3633EFE#PBF |