

Tabell1

| Mouser # | Farnell # | Description | Quant | To Buy | Label on Schematic/PCB | Comment |
|----------------------|-----------|----------------------|-------|--------|------------------------|---|
| 511-STM32F405RGT6 | 2064363 | STM32F4 MCU | 1 | 3 | U1 | |
| 701-SPX1117M3-L-3-3 | 1831944 | VREG | 1 | 1 | U2 | |
| 595-DRV8302DCA | 2064253 | MOSFET Driver | 1 | 1 | U3 | |
| 652-SDR0805-220ML | 1828028 | Power Inductor | 1 | 1 | L1 | |
| 649-10033526-N3212LF | 2112367 | Mini-USB | 1 | 1 | X1 | |
| 815-ABM3B-8.0-10-1UT | 1611816 | Crystal 8MHz, 10PPM | 1 | 1 | X2 | Farnell # is 25MHz |
| 942-IRFS3004TRL7PP | 1758303 | MOSFET 40V 240A | 6 | 8 | Q1-Q6 | |
| 963-CBC3225T3R3MR | ?? | Inductor | 3 | 4 | | |
| 71-WSLP2726L5000FEA | NONE!! | Shunt 0.5mOhm | 2 | 3 | R53, R54 | Not available on farnell |
| 771-PMEG6020ER-115 | 2101192 | Shottky 60V 2A | 1 | 2 | D4 | Voltage and current important |
| 581-TPSB107K006R0400 | 1135048 | CAP 100u, 6.3V | 2 | 10? | C25, C33 | Voltage important |
| 810-C3216X7S2A225KST | 2112717 | CAP 2.2u, 100V, 1206 | 3 | 10? | C39, C43, C44 | Voltage important |
| 810-C1608X8R2A103KEP | 1828921 | CAP 100n, 100V, 0603 | 3 | 10? | C41, C42, C45 | Voltage important |
| 81-GRM188F51E224ZA1D | 2112707 | CAP 220n, 25V, 0603 | 3 | 10? | C28, C29, C30 | Voltage important |
| 810-C1608Y5V1C225Z | 1844263 | CAP 2.2u, 16V, 0603 | 3 | 100? | | Voltage important |
| ?? ebay | | Micro-JST 6PIN 2mm | 3 | 0 | P1, P2, P3 | Easiest to find on ebay, I have lots of them at home |
| 81-GRM39Y104Z25D | 1759122 | CAP 100n, 25V, 0603 | 10 | 100? | | |
| 81-GRM39X472J50D | 1759098 | CAP 4.7n, 50V, 0603 | 6 | 10? | | |
| 81-GRM1885C2A150JA01 | 1759055 | CAP 15p, 100V, 0603 | 2 | 10? | | |
| 81-GRM39C121J50 | 3019603 | CAP 120p, 50V, 0603 | 1 | 10? | | |
| 81-GRM18F51C105ZA01J | 1759408 | CAP 1u, 16V, 0603 | 2 | 10? | | |
| 81-GRM18R71H682KA01J | 1759100 | CAP 6.8n, 50V, 0603 | 1 | 10? | | |
| 81-GRM18F51H223ZA01D | 1759110 | CAP 22n, 50V, 0603 | 1 | 10? | | |
| 81-GRM18R71H153KA01J | 1759107 | CAP 15n, 50V, 0603 | 1 | 10? | | |
| 81-GRM39X103K50J | 1759104 | CAP 10n, 50V, 0603 | 5 | 10? | | |
| 77-VJ1206V106ZXQTBC | 1759434 | CAP 10u, 10V, 1206 | 4 | 10? | | |
| 743-HT-F199NG5 | 2099220 | LED Green, 0603 | 1 | 10? | | |
| 743-HT-F199USD5 | 2099224 | LED Red, 0603 | 1 | 10? | | |
| 743-HT-193NB-5589 | 1716770 | LED Blue, 0603 | 1 | 10? | | |
| 660-RK73Z1JTDD | 2059527 | R 0ohm, 0603 | 3 | 10? | | |
| 652-CR0603-J/-4R7ELF | 2073521 | R 4.7ohm, 0603 | 6 | 20? | | |
| 652-CR0603FX-1000ELF | 9330364 | R 100ohm, 0603 | 3 | 10? | | |
| 652-CR0603-JW-222GLF | 2059610 | R 2.2k, 0603 | 15 | 25? | | |

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| 652-CR0603-FX3301ELF | 2059614 | R 3.3k, 0603 | 1 | 10? |
| 652-CR0603-FX1002HLF | 2059627 | R 10k, 0603 | 8 | 20? |
| 652-CR0603FX-1502ELF | 2059633 | R 15k, 0603 | 1 | 10? |
| 652-CR0603FX-1802ELF | 2059635 | R 18k, 0603 | 1 | 10? |
| 71-CRCW0603J-33K | 2059641 | R 33k, 0603 | 5 | 10? |
| 652-CR0603FX-2203ELF | 2059663 | R 220k, 0603 | 1 | 10? |
| 652-CR0603FX-3303ELF | 2059668 | R 330k, 0603 | 1 | 10? |
| 652-CR0603FX-1004ELF | 2059679 | R 1M, 0603 | 1 | 10? |