

Project : GCM_powerSupply V1.0

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| Author : Guillaume Guillet | Revision 1 | Licensed under CERN-OHL-W v2 or later |
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| Type | Value | Q | References | Package | Manufacturer | Store | Store ID | Unit price* | Price |
|-----------|--------------------|---|----------------|------------------------|-------------------|---------|----------------------|-------------|-------|
| C | 10uF | 4 | C3 to C6 | C_1206_3216Metric | KEMET | Mouser | 80-C1206C106K3P | 0.337 | 1.348 |
| | 100nF | 4 | C1, C2, C7, C8 | C_1206_3216Metric | KEMET | Mouser | 80-C1206X104J3JAUTO | 0.796 | 3.184 |
| | 22uF | 5 | C9 to C13 | C_1206_3216Metric | KEMET | Mouser | 80-C1206C226K8R7210 | 0.665 | 3.325 |
| L | 3.3uH | 1 | L1 | PQ2614BLA-3R3K | Bourns | Mouser | 652-PQ2614BLA-3R3K | 3.37 | 3.37 |
| | 2.2uH | 1 | L2 | PQ2614BLA-2R2K | Bourns | Mouser | 652-PQ2614BLA-2R2K | 3.27 | 3.27 |
| U | TPS563201 | 2 | U1, U2 | SOT-23-6 | Texas Instruments | Mouser | 595-TPS563201DDCT | 0.909 | 1.818 |
| R | 56.2k | 1 | R3 | R_0805_2012Metric | Yageo | Mouser | 603-RC0805FR-1356K2L | 0.122 | 0.122 |
| | 33.2k | 1 | R5 | R_0805_2012Metric | Yageo | Mouser | 603-RC0805FR-0733K2L | 0.122 | 0.122 |
| | 10k | 4 | R1, R2, R4, R6 | R_0805_2012Metric | Yageo | Mouser | 603-RT0805FRE0710KL | 0.113 | 0.452 |
| D | SL43-M3/57T | 2 | D1, D2 | SMC (DO-214AB) | Vishay | Mouser | 78-SL43-M357T | 0.786 | 1.572 |
| SW | Switch | 1 | SW1 | SW_SPDT | E-Switch | Mouser | 612-EG1218 | 0.459 | 0.459 |
| J | Screw_Termin_01x02 | 1 | J1 | Terminal Blocks 2.54mm | Phoenix Contact | Mouser | 651-1725656 | 1.56 | 1.56 |
| | Molex_1053101108 | 1 | J3 | Molex_1053101108 | Molex | Mouser | 538-105310-1108 | 1.65 | 1.65 |
| | Cable | 1 | J3 | 451300801 | Molex | Digikey | WM16374-ND | 6.7 | 6.7 |
| | Barrel_Jack_Switch | 1 | J2 | POWER JACK 2.0MM | Kycon | Mouser | 806-KLDHCX-0202-AC-1 | 0.964 | 0.964 |
| | Screw_Termin_01x04 | 1 | J4 | Terminal Blocks 2.54mm | Phoenix Contact | Mouser | 651-1725672 | 3.1 | 3.1 |
| - | PCB_V1.0 | 1 | - | - | G.Guillet | - | | | 0 |

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| Total price : | 33.016 |
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*Depend of the quantity Price is in CHF