

# Project : GCM\_powerSupply V1.0

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
<b>C</b>	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
<b>L</b>	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
<b>U</b>	TPS563201	2	U1, U2	SOT-23-6	Texas Instruments	Mouser	595-TPS563201DDCT	0.909	1.818
<b>R</b>	56.2k	1	R3	R_0805_2012Metric	Yageo	Mouser	603-RT1206FRE0756K2L	0.178	0.178
	33.2k	1	R5	R_0805_2012Metric	Yageo	Mouser	603-RT1206FRE0733K2L	0.178	0.178
	10k	4	R1, R2, R4, R6	R_0805_2012Metric	Yageo	Mouser	603-RT0805FRE0710KL	0.113	0.452
<b>D</b>	SL43-M3/57T	2	D1, D2	SMC (DO-214AB)	Vishay	Mouser	78-SL43-M357T	0.786	1.572
<b>SW</b>	Switch	1	SW1	SW_SPDT	Diptronics	Mouser	113-LSSA12VB	0.956	0.956
<b>J</b>	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

Total price :	33.625
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\*Depend of the quantity Price is in CHF