

Project :

GCM

V5.1

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Revision 1

Licensed under CERN-OHL-W v2 or later

Type	Value	Q	References	Package	Manufacturer	Store	Store ID	Unit price*	Price
C	10nF	33	C1, C6 to C8, C12, C13, C16 to C24, C28 to C32, C35 to C41, C49, C50, C52 to C55	C_0805_2012Metric	KEMET	Mouser	80-C0805C103J5R	0.033	1.089
	100nF	20	C3 to C5, C9 to C11, C14, C15, C25 to C27, C33, C34, C42 to C48	C_0805_2012Metric	KEMET	Mouser	80-C0805C104M3R	0.032	0.64
	1uF	4	C2, C51, C56, C57	C_0805_2012Metric	KEMET	Mouser	80-C0805C105K3R7210	0.132	0.528
X1	ECS-2200BX-500	1	X1	Oscillator_DIP-8	ECS	Mouser	520-2200BX-500	2.92	2.92
U	74AHC273	6	U4, U32, U40, U42 to U44	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHC273DWR	0.403	2.418
	LM810	1	U1	SOT-23-3	Texas Instruments	Mouser	926-LM810M3463NOPB	0.696	0.696
	LTC6994-1	1	U2	SOT-23-6	Analog Devices	Mouser	584-C6994IS6-1TRMPBF	3.65	3.65
	CD74AC161M	6	U13, U14, U16, U17, U19, U20	SOP-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-CD74AC161M	0.751	4.506
	CD74AC151	6	U28, U29, U31, U35 to U37	SOP-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-CD74AC151M96	0.823	4.938
	SN74LV393A	4	U26, U27, U33, U34	SOIC-14_3.9x8.7mm_P1.27mm	Texas Instruments	Mouser	595-SN74LV393ADR	0.796	3.184
	CD74AC238	1	U6	SOP-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-CD74AC238M96	0.549	0.549
	74AHC244	3	U8, U9, U12	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHC244DWR	0.448	1.344
	74AHCT244	1	U21	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHCT244DWR	0.448	0.448
	74AHC138	1	U7	SOIC-16W_5.3x10.2mm_P1.27mm	Texas Instruments	Mouser	595-SN74AHC138NSR	0.494	0.494
	74AHC1G04	4	U5, U11, U18, U41	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G04DBVR	0.266	1.064
	74AHCT1G04	1	U15	SOT-23-5	Texas Instruments	Mouser	595-SN74AHCT1G04DBVR	0.311	0.311
	74AHC1G32	3	U3, U25, U30	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G32DBVR	0.266	0.798
	74LVC1G74	1	U10	SM-8	Texas Instruments	Mouser	595-SN74LVC1G74DCTR	0.604	0.604
	74CBTLV16212	3	U22 to U24	TSSOP-56	Texas Instruments	Mouser	595-SN74CBTLV16212GR	2.03	6.09
R	523k	1	R1	R_0805_2012Metric	Panasonic	Mouser	667-ERJ-PB6D5233V	0.256	0.256
	1M	1	R2	R_0805_2012Metric	Panasonic	Mouser	667-ERJ-6RED1004V	0.192	0.192

	305k	1	R3	R_0805_2012Metric	Panasonic	Mouser	667-ERA-6AED3093V	0.229	0.229
	10k	3	R4 to R6	R_0805_2012Metric	Yageo	Mouser	603-RT0805FRE0710KL	0.11	0.33
RN	8x10k	3	RN1 to RN3	R_Array_SIP9	Bourns	Mouser	652-4609X-1LF-10K	0.247	0.741
J	TE_Eurocard_96pole	1	J6	Eurocard_5650473-5 Receptacle	TE connectivity	Mouser	571-5650461-5	5.38	5.38
	Nano-Fit power connectors	1	J1	Molex_1053102116	Molex	Mouser	538-105310-1108	1.6	1.6
	5530843-2	2	J8, J11	TE_5530843-2	TE connectivity	Mouser	571-5530843-2	2.33	4.66
	5-5530843-4	4	J2 to J5	5-5530843-4	TE connectivity	Mouser	571-5-5530843-4	2.84	11.36
	3-641124-6	1	J7	3-641124-6	TE connectivity	Mouser	571-3-641124-6	1.36	1.36
	Header10p	2	J10, J13	Header_10p_2.54	Würth Electronics	Mouser	710-61201021621	0.411	0.822
	Conn_01x02_Male	1	J9	PinHeader_1x02_P2.54mm_Verical	TE connectivity	Mouser	571-1037412	0.234	0.234
	Conn_02x21_Male	1	J12	PinHeader_2x21_P2.54mm_Verical	TE connectivity	Mouser	571-9-146258-0	3.22	3.22
-	PCB_GCM_V5.x	1	-	-	G.Guillet	-			0

Total price :	66.655
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*Depend of the quantity Price is in CHF