

Project :

GP8B

V5.0

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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	35	C1 to C6, C8, C10 to C19, C21 to C23, C25, C27, C29 to C31, C34 to C38, C41 to C45	C_0805_2012Metric	KEMET	Mouser	80-C0805C103J5R	0.039	1.365
	100nF	8	C7, C9, C20, C24, C26, C28, C32, C39	C_0805_2012Metric	KEMET	Mouser	80-C0805C104K3R	0.143	1.144
	1uF	2	C33, C40	C_0805_2012Metric	KEMET	Mouser	80-C0805C105K3RAUTO	0.124	0.248
U	74AHC08	2	U16, U14	SOIC-14_3.9x8.7mm_P1.27mm	Texas Instruments	Mouser	595-SN74AHC08QDRQ1	0.439	0.878
	74AHC273	9	U6, U24, U26, U27, U29, U31, U33, U35, U37	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHC273DWR	0.42	3.78
	74AHCT273	1	U7	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHCT273DWR	0.496	0.496
	74HC163	1	U8	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-SN74HC163D	0.506	0.506
	CD74AC238	4	U9, U11, U13, U15	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-CD74AC238M96	0.572	2.288
	74AHCT244	5	U19 à U23	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHCT244DWR	0.467	2.335
	74AHC138	1	U17	SOIC-16W_5.3x10.2mm_P1.27mm	Texas Instruments	Mouser	595-SN74AHC138NSR	0.515	0.515
	74HC165	1	U18	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-SN74HC165QDRQ1	0.544	0.544
	74LVC1G34	1	U34	SOT-23-5	Texas Instruments	Mouser	595-SN74LVC1G34DBVR	0.266	0.266
	74AHCT595	1	U25	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-SN74AHCT595DR	0.42	0.42
	74AHC05	3	U1, U2, U5	SOIC-14_3.9x8.7mm_P1.27mm	Texas Instruments	Mouser	595-SN74AHC05D	0.553	1.659
	74AHC374	1	U38	SOIC-20W_7.5x12.8mm_Pitch1.27mm	Texas Instruments	Mouser	595-SN74AHC374DWR	0.496	0.496
	74AHC1G04	6	U3, U4, U10, U12, U36, U39	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G04DBVR	0.305	1.83
	TPS7A0518PDBZR	1	U28	SOT-23-3	Texas Instruments	Mouser	595-TPS7A0518PDBZR	0.572	0.572
	SN74LVC8T245DW	1	U30	SOIC-24W_7.5x15.4mm_P1.27mm	Texas Instruments	Mouser	595-SN74LVC8T245DWR	0.973	0.973
	SN74LVC4T245D	1	U32	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-SN74AVC4T245D	1	1
	XC2C256-VQ100	1	IC1	VQFP-100_14x14mm_P0.5mm	Xilinx Inc,	Mouser	217-XC2C256-7VQG100C	18.41	18.41
R	470E	1	R5	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-4700ELF	0.095	0.095
	1k5	1	R4	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-1501ELF	0.095	0.095
	10k	3	R1, R2, R3	R_0805_2012Metric	Bourns	Mouser	652-CR0805-JW-103ELF	0.095	0.285
RN	8x10k	2	RN1, RN2	R_Array_SIP9	Bourns	Mouser	652-4609H-1LF-10K	0.572	1.144

D	GREEN_2.65V_2mA	2	D1, D2	LED_1206_3216Metric	Kingbright	Mouser	604-APT3216LZGCK	0.42	0.84
J	TE_Eurocard_96pole	1	J2	Eurocard_5650473-5	TE connectivity	Mouser	571-5650473-5	4.81	4.81
	5530843-2	1	J3	TE_5530843-2	TE connectivity	Mouser	571-5530843-2	2.41	2.41
	Conn_01x06_Male	1	J1	PinHeader_1x06_P2.54mm_Vertical	TE connectivity	Mouser	571-826936-6	0.439	0.439
	Conn_02x15_Male	1	J4	PinHeader_2x15_P1.27mm_Vertical	Samtec	Mouser	200-TMS11502GD	2.88	2.88
	Conn_02x19_Male	1	J5	PinHeader_2x19_P1.27mm_Vertical	Samtec	Mouser	200-TMS12002GD	3.87	3.87
-	PCB_GP8B_V5.0	1	-	-	G.Guillet	-			0

Total price :	56.593
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*Depend of the quantity Price is in CHF