

# Project : UART\_peripheral\_card A 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>	10nF	6	C7 to C9, C11, C13, C14	C_0805_2012Metric	KEMET	Mouser	80-C0805C103J5R	0.092	0.552
	1uF	2	C1, C3	C_0805_2012Metric	KEMET	Mouser	80-C0805C105K3R	0.119	0.238
	100nF	6	C2, C4 to C6, C10, C12	C_0805_2012Metric	KEMET	Mouser	80-C0805C104M3R	0.092	0.552
<b>U</b>	LTC6990CS6	2	U7, U16	SOT-23-6	Analog Devices	Mouser	584-LTC6990CS6TRMPBF	3.68	7.36
	LTC6994-1	2	U6, U17	SOT-23-6	Analog Devices	Mouser	584-C6994IS6-1TRMPBF	3.68	7.36
	CD74AC161M	2	U8, U15	SOP-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-CD74AC161M	0.751	1.502
	74HCT107	2	U9, U14	SO-14_3.9x8.65mm_P1.27mm	Nexperia	Mouser	771-HCT107D653	0.558	1.116
	74AHC1G126	2	U27, U28	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G126DBVR	0.274	0.548
	74AHC1G04	4	U3, U12, U22, U23	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G04DBVR	0.274	1.096
	74AHC1G08	3	U10, U20, U24	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G08DBVR	0.274	0.822
	74AHC1G32	9	U1, U2, U4, U5, U11, U18, U19, U21, U25	SOT-23-5	Texas Instruments	Mouser	595-SN74AHC1G32DBVR	0.274	2.466
	74AHC595	1	U13	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-SN74AHC595DRE4	0.485	0.485
	74HC165	1	U26	SOIC-16_3.9x9.9mm_P1.27mm	Texas Instruments	Mouser	595-SN74HC165DRG4	0.403	0.403
	102k	2	R1, R11	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-1023ELF	0.092	0.184
	1M	2	R3, R7	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-1004ELF	0.092	0.184
<b>R</b>	562k	1	R12	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-5623ELF	0.092	0.092
	10k	2	R13, R14	R_0805_2012Metric	Bourns	Mouser	652-CR0805-JW-103ELF	0.092	0.184
	976k	2	R2, R10	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-9763ELF	0.092	0.184
	280k	2	R4, R8	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-2803ELF	0.092	0.184
	243k	1	R5	R_0805_2012Metric	Bourns	Mouser	652-CR0805FX-2433ELF	0.092	0.092
	649k	2	R6, R9	R_0805_2012Metric	Vishay / Dale	Mouser	71-CRCW0805649KFKEA	0.092	0.184
	Conn_01x04_Male_H	1	J2	PinHeader_1x04_P2.54mm_Horizontal	TE connectivity	Mouser	571-826947-4	0.384	0.384
	Conn_01x03_Male_H	1	J3	PinHeader_1x03_P2.54mm_Horizontal	TE connectivity	Mouser	571-826947-3	0.356	0.356
	Conn_01x03_Male_V	1	J4	PinHeader_1x03_P2.54mm_Vertical	TE connectivity	Mouser	571-4-103321-5	0.211	0.211
	Jumper	1	-	Jumper	Harwin	Mouser	855-M7582-05	0.183	0.183
<b>-</b>	PCB_AV1.0	1	-	-	G.Guillet	-			0

Total price :	26.922
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\*Depend of the quantity Price is in CHF