

Description	Name	Symbols	Quantity per
<b>ICs</b>			
NCP111 3.3v regulator	NCP1117ST33T3G	U1	1
STM32F070 ARM Cortex uC	STM32F070	U2	1
Voltage level shifter	TXB0106	U3, U4	2
<b>Passives</b>			
650 Ohm resistor (1210)	P649AACT-ND	R1	1
200K Ohm resistor (1210)	P200KAACT-ND	R2	1
10K Ohm resistor (1210)	RMCF1210FT10K0CT-ND	R3	1
0.1uF capacitor (1812)	399-9854-1-ND	C4, C5, C6, C8, C9, C10, C11	7
10uF capacitor (radial can,	PCE3878CT-ND	C3, C7	2
10pF capacitor (1812)	399-7113-1-ND	C1, C2	2
Green LED (1206)	160-1169-1-ND	D1	1
8MHz crystal (HC49/US)	535-10212-1-ND	Y1	1
<b>Connectors</b>			
3-pin header	732-5316-ND	P1	1
USB-B receptacle	ED2983-ND	P2	1
5-pin header	S9014E-05-ND	P3	1
DB15 connector	A35116-ND	J1	1

Price	Total price	Part #	Ordering URL
\$0.50	\$0.50	NCP1117ST33T3GOSCT-ND	<a href="https://www.digikey.com/product-detail/en/o">https://www.digikey.com/product-detail/en/o</a>
\$1.51	\$1.51	497-17353-ND	<a href="https://www.digikey.com/product-detail/en/s">https://www.digikey.com/product-detail/en/s</a>
\$1.59	\$3.18	296-23759-1-ND	<a href="https://www.digikey.com/product-detail/en/t">https://www.digikey.com/product-detail/en/t</a>
\$0.25	\$0.25	P649AACT-ND	<a href="https://www.digikey.com/product-detail/en/p">https://www.digikey.com/product-detail/en/p</a>
\$0.25	\$0.25	P200KAACT-ND	<a href="https://www.digikey.com/product-detail/en/p">https://www.digikey.com/product-detail/en/p</a>
\$0.16	\$0.16	RMCF1210FT10K0CT-ND	<a href="https://www.digikey.com/product-detail/en/s">https://www.digikey.com/product-detail/en/s</a>
\$0.75	\$5.25	399-9854-1-ND	<a href="https://www.digikey.com/product-detail/en/k">https://www.digikey.com/product-detail/en/k</a>
\$0.28	\$0.56	PCE3878CT-ND	<a href="https://www.digikey.com/product-detail/en/p">https://www.digikey.com/product-detail/en/p</a>
\$1.78	\$3.56	399-7113-1-ND	<a href="https://www.digikey.com/product-detail/en/k">https://www.digikey.com/product-detail/en/k</a>
\$0.34	\$0.34	160-1169-1-ND	<a href="https://www.digikey.com/product-detail/en/li">https://www.digikey.com/product-detail/en/li</a>
\$0.25	\$0.25	535-10212-1-ND	<a href="https://www.digikey.com/product-detail/en/a">https://www.digikey.com/product-detail/en/a</a>
\$0.13	\$0.13	732-5316-ND	<a href="https://www.digikey.com/product-detail/en/v">https://www.digikey.com/product-detail/en/v</a>
\$0.58	\$0.58	ED2983-ND	<a href="https://www.digikey.com/product-detail/en/o">https://www.digikey.com/product-detail/en/o</a>
\$0.40	\$0.40	S9014E-05-ND	<a href="https://www.digikey.com/product-detail/en/s">https://www.digikey.com/product-detail/en/s</a>
\$1.98	\$1.98	A35116-ND	<a href="https://www.digikey.com/product-detail/en/t">https://www.digikey.com/product-detail/en/t</a>
<b>Board total:</b>	<b>\$18.90</b>		

an-semiconductor/NCP1117ST33T3G/NCP1117ST33T3GOSCT-ND/660708  
tmicroelectronics/STM32F070F6P6/497-17353-ND/7313457  
exas-instruments/TXB0106PWR/296-23759-1-ND/1951146

anasonic-electronic-components/ERJ-14NF6490U/P649AACT-ND/384862  
anasonic-electronic-components/ERJ-14NF2003U/P200KAACT-ND/283415  
tackpole-electronics-inc/RMCF1210FT10K0/RMCF1210FT10K0CT-ND/1942840  
emet/C1812C104KDRAC7800/399-9854-1-ND/3726199  
anasonic-electronic-components/EEE-1CA100SR/PCE3878CT-ND/766254  
emet/C1812C100JHGAU/399-7113-1-ND/3439500  
te-on-inc/LTST-C150GKT/160-1169-1-ND/269241  
ibracon-llc/ABLS-8.000MHZ-B4-T/535-10212-1-ND/2184247

wurth-electronics-inc/61300311121/732-5316-ND/4846825  
n-shore-technology-inc/USB-B1HSB6/ED2983-ND/2677744  
ullins-connector-solutions/GRPB051VWVN-RC/S9014E-05-ND/1786441  
e-connectivity-amp-connectors/1-1734530-1/A35116-ND/1279829