

Prototype BOM

Identifiers	Type	Size	Part Value/Number	Manufacturer	Manufacturer P/N	Vendor	Vendor P/N	Qty	Unit Price	Lead Time (Weeks)	Total
X1	USB HD 720p Webcam	6 x 3 x 8.2 in	C310	Logitech	960-000585	Amazon	B003LVZO8S	1	\$ 30.58	0	\$ 30.58
X2	16x2 Blue and White LCD Display	80 x 36 mm	HD44780U	Tinsharp	TC1602A-01T	Adafruit	181	1	\$ 9.95	0	\$ 9.95
X3	I2C / SPI character LCD Backpack	22 x 50 mm	292	Adafruit	292	Adafruit	292	1	\$ 10.00	0	\$ 10.00
X4	Bicolor LED Bargraph	10.1 x 30.4 mm	BL-AR12Z3010DUG-11	BetLux Electronics	BL-AR12Z3010DUG-11	Adafruit	459	1	\$ 1.95	0	\$ 1.95
X5	Shift Register	21.3 x 6.22 mm	74HC595	Texas Instruments	SN74HC595N	Adafruit	450	1	\$ 2.75	0	\$ 2.75
U1, U2, U3	PNP Transistor	TO-92	2N3905	Fairchild	2N3905	EE Stores	2N3905	3	\$ 0.20	0	\$ 0.60
X6	Tactile Button Switch	6 x 6 mm	B3F-10XX	Omron	B3F-10XX	Adafruit	367	1	\$ 2.50	0	\$ 2.50
										<b>Grand Total</b>	<b>\$ 58.33</b>