PROCESSOR CARD

Qty	Description	Manufacturer	Manufacturer #	Vendor	Vendor #	Price	Qty	Total
Integrated Circuits								
1	CDP1802	Harris	CDP1802AEX	Rochester	CDP1802AEX	5.46	1.00	5.46
1	32K x 8 CMOS SRAM	Sharp	LM62256L-70	Jameco	82472	3.95	1.00	3.95
1	32K x 8 CMOS EEPROM	Atmel	28C256-25	Jameco	74878	4.95	1.00	4.95
1	CD40244 (or 74C244 or 74HC244)	TI	SN74HC244N	Digikey	296-1582-5-ND	0.61	1.00	0.61
1	CD40373 (or 74C373 ot 74HC373)	TI	SN74HC373N	Digikey	296-1591-5-ND	0.66	1.00	0.66
1	CD4049	TI	CD4049UBE	Digikey	296-2055-5-ND	0.66	1.00	0.66
1	CD4071	TI	CD4071BE	Digikey	296-2062-ND	0.66	1.00	0.66
1	CD4011	TI	CD4011BE	Digikey	296-2031-ND	0.66	1.00	0.66
1	LMC555 (or ICP7555)	Renesas	ICM7555IPAZ	Digikey	ICM7555IPAZ-ND	0.87	1.00	0.87
1	Oscillator module full size	Epson	MXO45-3C-4M000000	Digikey	110-MXO45-3C-4M000000-ND	2.18	1.00	2.18
Discrete Components								
1	LED T1-3/4 Red	Valuepro	UT1871-81-M1-R	Jameco	333973	0.12	1.00	0.12
2	LED T1-3/4 Orange	Valuepro	LE3330	Jameco	107393	0.12	2.00	0.24
2	LED T1-3/4 Yellow	Valuepro	LY3330	Jameco	34825	0.15	2.00	0.30
3	LED T1-3/4 Green	Valuepro	LG3330	Jameco	34761	0.15	3.00	0.45
3	Resistor 1/4 watt 10	Stackpole	CF14JT10R0	Digikey	CF14JT10R0CT-ND	0.10	3.00	0.30
2	Resistor 1/4 watt 270	Stackpole	CF14JT270R	Digikey	CF14JT270RCT-ND	0.10	2.00	0.20
2	Resistor 1/4 watt 1K	Stackpole	CF14JT1K00	Digikey	CF14JT1K00CT-ND	0.10	2.00	0.20
2	Resistor 1/4 watt 1.5K	Stackpole	CF14JT1K50	Digikey	CF14JT1K50CT-ND	0.10	2.00	0.20
10	Resistor 1/4 watt 4.7K	Stackpole	CF14JT4K70	Digikey	CF14JT4K70CT-ND	0.10	10.00	1.00
1	Resistor 1/4 watt 47K	Stackpole	CF14JT47K0	Digikey	CF14JT47K0CT-ND	0.10	1.00	0.10
1	Resistor 1/4 watt 470K	Stackpole	CF14JT470K	Digikey	CF14JT470KCT-ND	0.10	1.00	0.10
1	Diode 1N4148	ON Semi	1N4148	Digikey	1N4148FS-ND	0.10	1.00	0.10
5	Ceramic capacitor 0.1uF radial 0.2"	Valuepro	SR215C104KAA	Jameco	544921	0.19	5.00	0.95
1	Tantalum capacitor 10uF radial 0.1"	AVX	TAP106K010SCS	Digikey	478-1838-ND *	0.8	1.00	0.80
Interconnects								
1	Straight header 2 pins 0.1"	Sullins	PREC025DAAN-RC	Digikey	S1012EC-40-ND	0.51	0.05	0.03
8	Straight header 3 pins 0.1"	Sullins	PREC025DAAN-RC	Digikey	S1012EC-40-ND	0.51	0.60	0.31
2	Straight header 9 pins 0.1"	Sullins	PREC025DAAN-RC	Digikey	S1012EC-40-ND	0.51	0.45	0.23
2	Right-angle header 5 pins 0.1"	Sullins	PREC040SBAN-M71RC	Digikey	S1112EC-40-ND	0.66	0.25	0.17
16	Jumper shunts 0.1"	Sullins	STC02SYAN	Digikey	S9000-ND	0.10	16.00	1.60
1	Socket 39 pin 0.1" long tail for stacking	Samtec	SSQ-139-03-T-S	Digikey	SAM1206-39-ND	4.52	1.00	4.52
1	Mini-USB receptable AB	Molex	565790519	Digikey	WM17121-ND	2.54	1.00	2.54
Sockets								
1	DIP socket 40 pin 0.6"	On Shore	ED40DT	Digikey	ED3048-5-ND	0.48	1.00	0.48
2	DIP socket 28 pin 0.6"	On Shore	ED28DT	Digikey	ED3052-5-ND	0.34	2.00	0.68
2	DIP socket 20 pin 0.3"	On Shore	ED20DT	Digikey	ED3054-5-ND	0.26	2.00	0.52
1	DIP socket 16 pin 0.3"	On Shore	ED16DT	Digikey	ED3046-5-ND	0.19	1.00	0.19
2	DIP socket 14 pin 0.3"	On Shore	ED14DT	Digikey	ED3045-5-ND	0.19	2.00	0.38
1	DIP socket 8 pin 0.3"	On Shore	ED08DT	Digikey	ED3044-5-ND	0.16	1.00	0.16
1	DIP socket 4 pin in 14 pin frame 0.3"	On Shore	ED14DT	Digikey	ED3045-5-ND	0.19	1.00	0.19
Mechanical								
8	LED stand-off spacer	VCC	STD_500_BLK	Jameco	2231371	0.15	8.00	1.20
4	0.5 inch standoff spacer	RAF	4505-440-AL-7	Jameco	393474	0.49	4.00	1.96
1	Circuit Board	Madole		JLCPCB		1.95	1.00	1.95
							Total	42.82