

	P9	Jumper, 3x2 Position, Unshrouded Header 2.54mm Solder Straight	1		53532	\$ 0.85	Jameco	pin_array_3X2
	P13, P20	Jumper, 4x2 Position, Unshrouded Header 2.54mm Solder Straight	2		53532	\$ 0.85	Jameco	pin_array_4X2
	P2, P10, P17	Jumper, 5x2 Position, Unshrouded Header 2.54mm Solder Straight	3		53532	\$ 0.85	Jameco	pin_array_5X2
	P4, P15	Jumper, 8x2 Position, Unshrouded Header 2.54mm Solder Straight	2		53532	\$ 0.85	Jameco	pin_array_8X2
	Socket (U4)	Socket, SIPP, 30 Pin, Machine Tooled Pins, Solder Tail	2	2	78642	\$ 1.49	Jameco	pin_array_30
	J1	Connector, DB9, 9 Position Female D-Sub, 2.77mm pin-pin in row, Solder Right Angle, Through Hole, 9 Terminal	1	1	104952	\$ 0.89	Jameco	DB9-F
	R2, R10, R11, R12	10 Ohm 5% 1/4W	4	10	690380	\$ 0.10	Jameco	R3
	R6, R9	47 Ohm 5% 1/4W	2	10	690540	\$ 0.10	Jameco	R3
	R15	150 Ohm 5% 1/4W	1	10	690662	\$ 0.10	Jameco	R3
	R7, R8	470 Ohm 5% 1/4W	2	10	690785	\$ 0.10	Jameco	R3
	R17, R18, R19	1K Ohm 5% 1/4W	3	10	690865	\$ 0.10	Jameco	R3
	R13	4.7K Ohm 5% 1/4W	1	10	691024	\$ 0.10	Jameco	R3
	R1, R4	10K Ohm 5% 1/4W	3	10	691104	\$ 0.10	Jameco	R3
	R14	220K Ohm 5% 1/4W	1	10	691420	\$ 0.10	Jameco	R3
	R3	1Meg Ohm 5% 1/4W	1	10	691585	\$ 0.10	Jameco	R3
	RP1, RP2	2.2K Ohm, 16 pin DIP, 125 mW, 2%, 8 Res, isolated resistor network	2	2	652-4116R- 1LF-2.2K	\$ 0.84	Mouser	16dip300
	RR2	470 Ohm SIP 10 pin, 9 Resistors	1	1	652-4610X- 1LF-470	\$ 0.40	Mouser	r_pack9
	RR1	1K Ohm SIP 6 pin, 5 Resistors	1	1	652-4606X- 1LF-1K	\$ 0.51	Mouser	r_pack5
	RR3	1K Ohm SIP 10 pin, 9 Resistors	1	1	652-4610X- 1LF-1K	\$ 0.64	Mouser	r_pack9
	Q1	2N3904 NPN General Purpose	1	10	38359	\$ 0.09	Jameco	TO92-INVERT
	X2	CRYSTAL, 12.0 MHz, HC49/U, 20pF, Low Profile	1	1	2159630	\$ 0.25	Jameco	HC-18UV
	P1	Clock Oscillator, DIP-14, 5V, 2.00 MHz, soldered (No socket needed)	1	1	27924	\$ 1.49	Jameco	14dip300
	P18	Clock Oscillator, DIP-14, 5V, 20.00 MHz	1	1	27932	\$ 0.75	Jameco	14dip300

		U6	HD6402-9 UART, DIP40, 200kB 5V ONLY (also COM1863, TR1863, CDP6402, IM6402IDL, HD3-6402R-9Z and compatibles)	1	1	HD6402-9	\$ 4.95	anchor.co m	40dip600
		U25, U28, U30	GAL22V10-15	3	3	39159	\$ 3.95	Jameco	24dip300
		U12, U13	(CY, HT, HM,or MCM)6264LP- 10, 8KX8 SRAM, 100nS	2	2	42884	\$ 2.95	Jameco	28dip600
		U18, U32	74F367	2	2	74F367	\$ 1.42	anchor.co m	16dip300
		U9, U34	74LS00	2	2	46252	\$ 0.79	Jameco	14dip300
		U11	74LS02	1	1	283741	\$ 0.59	Jameco	14dip300
		U3, U24	74LS04	2	2	283792	\$ 0.65	Jameco	14dip300
		U19	74LS05	1	1	46341	\$ 0.79	Jameco	14dip300
		U21, IC1	74LS07	2	2	46367	\$ 0.89	Jameco	14dip300
		U33	74LS32	1	1	295515	\$ 0.55	Jameco	14dip300
		U5	74LS126	1	1	46527	\$ 0.69	Jameco	14dip300
		U10	74LS139	1	1	46623	\$ 0.69	Jameco	16dip300
		U29	74LS157	1	1	301612	\$ 0.55	Jameco	16dip300
		U16, U27, U31, U35	74LS244	4	4	47183	\$ 0.69	Jameco	20dip300
		U17, U20, U22, U23	74LS245	4	4	47212	\$ 0.79	Jameco	20dip300
		U1, U7, U8, U26	74LS374	4	4	47634	\$ 0.79	Jameco	20dip300
		U15	ATF1508AS-10JU84, IC CPLD, 128MHz 10NS, 84-PLCC, Atmel	1	1	1508AS- 10JU84	\$ 10.05	Mouser	84-PLCC (J- Lead)
		U14	L7805CV, 5 Volt, 1.5 Amp, TO- 220	1	1	924633	\$ 0.45	Jameco	TO-220
		U14	Heat Sink, TO-220, 1.2"L x 1"W x 0.5"H (for L7805CV)	1	1	129242	\$ 0.75	Jameco	
		U14	Screw, 6-32, 3/8" Phillips	1					
		U14	NUT, HEX, 6-32	1					
		U14 (Alternate for L7805CV at U14)	PSU5a 5V 3A Regulator, TO-220 form Factor	1	1	PSU5a	\$ 7.95	ezsbc.co m	TO-220
		P1 (Alternate for L7805CV at U14)	D24V25F5 (Alternate for LM7805 at U14) Pololu 5V 2.5A Step- Down Voltage Regulator	1	1	D24V25F5	\$ 10.95	Pololu.co m	SIL-5
		U2	MAX232CPE	1	1	24811	\$ 2.95	Jameco	16dip300
		U4	DCJ11-AE	1				eBay.com	30x2 SIP
		DIP14S (P18)	DIP Socket, Osc, 4-Pins	1	1	133006	\$ 0.65	Jameco	14dip300
		DIP14	DIP socket 14	10	10	112214	\$ 0.14	Jameco	14dip300
		DIP16	DIP socket 16	5	10	112222	\$ 0.20	Jameco	16dip300
		DIP20	DIP socket 20	12	10	112248	\$ 0.17	Jameco	20dip300
		DIP24 (0.300)	DIP socket 24 (0.300)	3	10	39378	\$ 0.24	Jameco	24dip300
		DIP28 (0.600)	DIP socket 28 (0.600)	2	10	112272	\$ 0.24	Jameco	28dip600

	DIP40 (0.600)	DIP socket 40 (0.600)	1	10	41111	\$ 0.33	Jameco	40dip600
	PLCC84 (U15)	Socket, PLCC-84 Pin, Solder tail	1	1	71977	\$ 1.09	Jameco	84-PLCC
	Card Ejector	Circuit Board Card Ejector and Pin, 0.062 inch, White Nylon, BIVAR PN# CP-06 WE	2	2	749-CP-06-WE	\$ 0.49	Mouser	

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