

Build a Project #21122

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Tell Us About the Components

ADD A COMPONENT

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<input type="checkbox"/>	#	Component Name	Quantity	Jameco Part Number	Manufacturer Number	Edit Component
<input type="checkbox"/>	1	U1: PIC16F88	1	312733	PIC16F88-I/P	Edit Component
<input type="checkbox"/>	2	U2: MAX233CPP	1	106163	MAX233CPP	Edit Component
<input type="checkbox"/>	3	X1: 20 MHz Crystal	1	325068	TQR49S20M0000A2010-R	Edit Component
<input type="checkbox"/>	4	C1: 0.1uF	2	151116	DC.1/25	Edit Component
<input type="checkbox"/>	5	C2-3: 20pF Capacitor	2	16037	DM220	Edit Component
<input type="checkbox"/>	6	R1-6: 47 ohm Resistor	6	690540	CF1/4W470JRC	Edit Component
<input type="checkbox"/>	7	R7: 100 ohm Resistor	1	690620	CF1/4W101JRC	Edit Component
<input type="checkbox"/>	8	R8-13: 1k ohm Resistor	6	690865	CF1/4W102JRC	Edit Component
<input type="checkbox"/>	9	R14-22: 10k ohm Resistor	9	691104	CF1/4W103JRC	Edit Component
<input type="checkbox"/>	10	R23-25: 47 ohm Resistor, 1/2 watt	3	661917	CF1/2W473JRC	Edit Component
<input type="checkbox"/>	11	T1-7: 2N2222A Transistor	7	38236	2N2222A	Edit Component
<input type="checkbox"/>	12	R1: Relay	1	187151	G5LE-1-DC5	Edit Component
<input type="checkbox"/>	13	LED1: Red LED	1	2152112	MCDL-833SED	Edit Component
<input type="checkbox"/>	14	LED2: Yellow LED	1	2152121	MCDL-833SYD	Edit Component
<input type="checkbox"/>	15	LED3-6: Green LED	4	2152104	MCDL-833SGD	Edit Component
<input type="checkbox"/>	16	LED7-9: IrLED 940nm 2-Pin T-1 3/4	3	106526	LVIR3333	Edit Component
<input type="checkbox"/>	17	LED10-12: Phototransistor IR Chip	3	112176	LPT2023	Edit Component
<input type="checkbox"/>	18	U3: LM339	1	23851	LM339N	Edit Component
<input type="checkbox"/>	19	PS1: +5vdc Power Supply @ 2amp	1	210894	S15AA05020001	Edit Component
<input type="checkbox"/>	20	CONN1: Right Angle DB9 Male	1	1952839	DSUB-9M	Edit Component
<input type="checkbox"/>	21	Cable1: 6ft Serial DB9 cable F to F	1	132346	10D1-03406-R	Edit Component
<input type="checkbox"/>	22	Box: Finish Line Control enclosure over track.	1	18877	H2507-R	Edit Component
<input type="checkbox"/>	23	Power Cable1: POWER CORD Y-CABLE	1	208347	121-2594	Edit Component
<input type="checkbox"/>	24	Power Cable2: POWER CORD BLACK,PIGTAIL	2	37997	32V86S297	Edit Component
<input type="checkbox"/>	25	plug1: 5vdc power PCB plug	1	101179	GCD014-R	Edit Component
<input type="checkbox"/>	26	Sensor Cable1: MODULAR TELEPHONE CABLE	1	196227	8101-64207-R	Edit Component
<input type="checkbox"/>	27	Power cord1: 25 ft. 16/3 Extension Cord	2	see note		Edit Component
<input type="checkbox"/>	28	Sensor Adaptor1: RJ-11 Adapter Female to Female	1	135087	300-037	Edit Component
<input type="checkbox"/>	29	PCB: Prototype Builder 3.1" X5.5" PCB	1	105153	2851PCB-R	Edit Component
<input type="checkbox"/>	30	SV1: AC Solenoid Valve (Mount under track)	1		14-C-120V (A421-062508-09)	Edit Component
<input type="checkbox"/>	31	U1 Socket: 18 pin WW Socket	1	94482	6100-18W-R	Edit Component
<input type="checkbox"/>	32	U2 Socket: 20 pin WW Socket	1	38632	6100-20W-R	Edit Component
<input type="checkbox"/>	33	U3 Socket: 14 pin WW Socket	1	62051	6100-14W-R	Edit Component