

Comment	Description	Designator	Footprint	LibRef	Quantity
790-1076	Connector		7901076	790-1076	1
282837-2	Connector		2828372	282837-2	1
691701510006B	WR-TBL Series 7015B Close Vertical PCB Header, SMT, pitch 5.08mm, 6p		691701510006B	691701510006B	1
ATmega328P-PU	8-bit AVR Microcontroller, 32KB Flash, 1KB EEPROM, 2KB SRAM, 28-pin PDIP, Industrial Grade (40°C to 85°C)		28P3	CMP-0095-00013-2	1
Header 6	Header, 6-Pin		HDR1X6	Header 6	1
SRD-05VDC-SL-C	5V Trigger Relay Module For Arduino And Raspberry Pi 5V Trigger Relay Module For Arduino And Raspberry Pi		RELAY_SRD-05VDC-SL-C	SRD-05VDC-SL-C	2
URB2405YMD-10WR3	Isolated Module DC DC Converter 1 Output 5V - - - 2A 9V - 36V Input		CONV_URB2405YMD-10WR3	URB2405YMD-10WR3	1
10uF	Aluminum Electrolytic Capacitors (Radial Lead Type) 10uF ±20% 63V	C5	FP-RAD-TH-D_5_0_5-L_11_1-MFG	CMP-05427-001517-1	1
22pF	Cap Ceramic 22pF 50V C0G ±5% Radial 5mm +125°C Automotive Bulk	C6, C7	FP-RCE0K1-MFG	CMP-06035-004895-1	2
0.1uF	Cap Ceramic 22pF 50V C0G ±5% Radial 5mm +125°C Automotive Bulk	C8	FP-RCE0K1-MFG	CMP-06035-004895-1	1
Diode 1N4007	1 Amp General Purpose Rectifier	D2, D3	DO-41	Diode 1N4003	2
LTH3MM12VFR4600	LED	LED1, LED2	LTH3MM12VFR4600	LTH3MM12VFR4600	2
LTV-817	Optoisolator Transistor Output 5000Vrms 1 Channel 4-DIP	OPT1, OPT2	LTV-817	LTV-817	2
16MHZ	Resistance Weld Thru- Hole Crystal, 16 MHz, - 20 to 70 degC, 2-Pin THD, RoHS, Bulk	OSC1	FOX-FOXSLF160-20	CMP-1749-00003-1	1
BC337	Amplifier Transistor, NPN Silicon, 3-Pin TO- 92, Pb-Free, Ammo Box	Q1, Q2	ONSC-TO-92-3-29-11_AM_BL	CMP-1048-01574-1	2
10K	Axial Resistor, 10 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2- Pin THD, RoHS, Bulk	R1	RESA60-630X240	CMP-1659-00074-2	1
	Resistor	R2, R3, R4, R5	AXIAL-0.3	Res1	4