





Component list

Bill of Materials for Project [PROJECT_WETBCV1.PrbPcb] (No PCB Document Selected)



Source Data From:

Project:

Variant:

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#	Designator	LibRef	mn Name Error: [*] Manufacturer	Description	Footprint	Library Name	Comment	Quantity
1	BR1	Bridge Rectifier		BRIDGE RECT 1P 600V 500mA 4SOIC, ON SEMICONDUCTOR	BR_SMD_MB6S	RB.M SCH-LIB_02-SEP-19.SchLib	MB6S	1
2	C1	Capacitor Non-Polar		684K310V1000E1518 9.5 15.5 Climate	C_X2_18X10X15.8_P15	RB.M SCH-LIB_02-SEP-19.SchLib	MKP X2_68uF	1
3	C2	Capacitor Polar		0805 11mm 3.5mm Pitch	C_Radial_P35	RB.M SCH-LIB_02-SEP-19.SchLib	220uF 25VDC 20%	1
4	C3	Capacitor Polar		0511mm 2mm Pitch	C_Radial_P2	RB.M SCH-LIB_02-SEP-19.SchLib	100uF 16VDC 20%	1
5	C4	Capacitor Non-Polar		0805 Multilayer Ceramic Capacitors	C_0805	RB.M SCH-LIB_16-Apr-19.SchLib	0.33uF 25V 10%	1
6	C5, C6, C7	Capacitor Non-Polar		0805 Multilayer Ceramic Capacitors	C_0805	RB.M SCH-LIB_16-Apr-19.SchLib	0.1uF 16V 10%	3
7	CN1-PHASE, CN2-NEUTRAL, CN3-COMP	Connector_1P1N		4.8mm TAB, 0.8mm thickness	CN_TabTerminal_187 series (Right Angle)	RB.M SCH-LIB_02-SEP-19.SchLib	187 Series RATAB	3
8	CN4-SENSOR	Connector_2P1Ns		CN_B2B-XHA_WHITE	RB.M SCH-LIB_16-Apr-19.SchLib	A2612WV-2P-Red	1	
9	CNS-PROG	Connector_PIC_Bun		CN_PIC_MCU Debugger, Straight	RB.M SCH-LIB_16-Apr-19.SchLib	2.54mm PIns	1	
10	D1	Diode		SOT-23-3, Diode 200mA	D_SOT-23-3_200mA	RB.M SCH-LIB_02-SEP-19.SchLib	BAS19	1
11	K1	Relay		K_15ARelay_AZ943-1CH-12DE	RB.M SCH-LIB_16-Apr-19.SchLib	ZettlerAZ943-1CH-12DE	1	
12	LED1	LED		Φ3.15mm, 2.5mm Pitch	LED_3x5_P25	RB.M SCH-LIB_02-SEP-19.SchLib	RED, VI=3.2V, 20mA	1
13	LVR1	Voltage Regulator		SOT23-3 Plastic Encapsulate Voltage Regulator	U_CJ78L05_SOT99	RB.M SCH-LIB_16-Apr-19.SchLib	+5VDC 100mA	1
14	NTC1	Thermistor		5mm Pitch	NTC_5mmPitch	RB.M SCH-LIB_02-SEP-19.SchLib	16D-7	1
15	Q1	BJT_npn		SOT-23-NPN 200mA	Q_SOT-23_NPN_BC847	RB.M SCH-LIB_16-Apr-19.SchLib	BC847	1
16	R1, R2	Resistor		Metal Oxide Film Resistor, Through Hole	R_Axial_P15	RB.M SCH-LIB_02-SEP-19.SchLib	220Ω 2W 1%	2
17	R3	Resistor		Metal Oxide Film Resistor, Through Hole	R_Axial_P10	RB.M SCH-LIB_02-SEP-19.SchLib	470KΩ1/2W 1%	1
18	R4	Resistor		Auxiliary 2.2MΩ 1/2W 5% Metal Oxide Film Resistor, Through Hole	R_Axial_P15	RB.M SCH-LIB_02-SEP-19.SchLib	330Ω 1W 1%	1
19	R5, R9	Resistor		0805 Thick Film SMD Resistor	R_0805	RB.M SCH-LIB_16-Apr-19.SchLib	1KΩ 1/8W 5%	2
20	R6	Resistor		0805 Thick Film SMD Resistor	R_0805	RB.M SCH-LIB_16-Apr-19.SchLib	47KΩ1/8W 5%	1
21	R7, R11, R12	Resistor		0805 Thick Film SMD Resistor	R_0805	RB.M SCH-LIB_02-SEP-19.SchLib	470Ω 1/8W 5%	3
22	R8	POT		3Pin Potentiometer HRX09	R_POT	RB.M SCH-LIB_02-SEP-19.SchLib	POT 10KΩ 1/8W 5%	1
23	R10	Resistor		0805 Thick Film SMD Resistor	R_0805	RB.M SCH-LIB_16-Apr-19.SchLib	10KΩ1/8W 1%	1
24	R13	Resistor		0805 Thick Film SMD Resistor	R_0805	RB.M SCH-LIB_16-Apr-19.SchLib	4.7KΩ1/8W 5%	1
25	RE	Connector_2Pins		CN_PIC_MCU Resetter, Straight	RB.M SCH-LIB_02-SEP-19.SchLib	2P 2.54mm Male Connector	1	
26	U1	IC_PIC_20pins		U_PIC16F15344_SOIC	RB.M SCH-LIB_16-Apr-19.SchLib	SOIC PIC16F15344 I/SO	1	
27	ZD1	ZenerDiode		D0-213AB (glass) [ZM4742A LL-41]	ZD_ZM4742A_LL-41	RB.M SCH-LIB_02-SEP-19.SchLib	12V 1W 5%	1

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