





Component list

Bill of Materials for Project [PROJECT_W-F-FC-HX2X.PjPcb] (No PCB Document Selected)

Source Data From:
Project:
Variant:

PROJECT_W-F-FC-HX2X.PjPcb
PROJECT_W-F-FC-HX2X.PjPcb
None



Report Date: 09-Jan-20 9:09 AM
Print Date: 09-Jan-20 9:09:18 AM

#	Designator	LibRef	mn Name Error ^a	Manufacturer	Description	Footprint	Library Name	Comment	Quantity
1	BR1	Bridge Rectifier		BRIDGE RECT 1P 600V 500mA 4SOIC, ON SEMICONDUCTOR	BR_SMD_M86S	RBM_SCH-LIB_02-SEP-19.SchLib	MB6S		1
2	C1	Capacitor Non-Polar		684K100V 100µF 10% 9.5mmx15.5mm Climate	C_X2_18X10X15.8_P15	RBM_SCH-LIB_02-SEP-19.SchLib	MKP X2.68uF		1
3	C2	Capacitor Polar		0805 Multilayer Ceramic Capacitors	C_Radial_P35	RBM_SCH-LIB_02-SEP-19.SchLib	220uF 25VDC 20%		1
4	C3	Capacitor Non-Polar		0805 Multilayer Ceramic Capacitors	C_0805	RBM_SCH-LIB_16-Apr-19.SchLib	0.1uF 16V 10%		1
5	CN1-PHASE, CN2-NEUTRAL, CN3-COMM	Connector_1PIN		4.8mm TAB, 0.8mm thickness	CN_Tab Terminal 187 series (Right Angle)	RBM_SCH-LIB_02-SEP-19.SchLib	187 Series RA TAB		3
6	CN4 - SENSOR	Connector_2PINs		2Pins, 2.5mm Pitch, 180° Wafer, White : DIP	CN_B2B-XH-A_WHITE	RBM_SCH-LIB_16-Apr-19.SchLib	A2512WV-XP		1
7	CN5 - DISPLAY	Connector_4PINs		4Pins, 2mmPitch, 180° Wafer, White : DIP	CN_4P_A2001WV-XP-180DEG	RBM_SCH-LIB_02-SEP-19.SchLib	A2001WV-XP		1
8	D1	Diode		BAS19, SOT-23-3	D_SOT-23-3_200mA	RBM_SCH-LIB_02-SEP-19.SchLib	If=200mA		1
9	K1	Relay		Zettler A2943-1CH-12DE	K_15ARelay_A2943-1CH-12DE	RBM_SCH-LIB_16-Apr-19.SchLib	12VDC, 15A		1
10	NTC1	Thermistor		5mm Pitch	NTC_SmmPitch	RBM_SCH-LIB_02-SEP-19.SchLib	16D-7		1
11	Power	LED		Φ3*5mm, 2.5mm Pitch	LED_3x5_P25	RBM_SCH-LIB_02-SEP-19.SchLib	RED, Vf=3.2V, 20mA		1
12	Q1	BJT_npn		BC847, SOT-23-3	Q_SOT-23-3_NPN_BC847	RBM_SCH-LIB_16-Apr-19.SchLib	NPN 200mA		1
13	R1, R2	Resistor		Metal Oxide Film Resistor, Through Hole Axial L: 10, D: 5, H: 20, 1/2W 5%	R_Axial_P15	RBM_SCH-LIB_02-SEP-19.SchLib	220Ω 2W 1%		2
14	R3	Resistor		Metal Oxide Film Resistor, Through Hole Axial L: 10, D: 5, H: 20, 1/2W 5%	R_Axial_P10	RBM_SCH-LIB_02-SEP-19.SchLib	470kΩ 1/2W 1%		1
15	R4	Resistor		Metal Oxide Film Resistor, Through Hole Axial L: 10, D: 5, H: 20, 1/2W 5%	R_Axial_P15	RBM_SCH-LIB_02-SEP-19.SchLib	330Ω 1W 1%		1
16	R5	Resistor		0805 Thick Film SMD Resistor	R_0805	RBM_SCH-LIB_16-Apr-19.SchLib	1kΩ 1/W 5%		1
17	R6	Resistor		0805 Thick Film SMD Resistor	R_0805	RBM_SCH-LIB_16-Apr-19.SchLib	47kΩ 1/W 5%		1
18	R7	Resistor		0805 Thick Film SMD Resistor	R_0805	RBM_SCH-LIB_16-Apr-19.SchLib	4.7kΩ 1/W 5%		1
19	ZD1	Zener Diode		DO-213AB (glass) (ZM4742A LL-41)	ZD_ZM4742A_LL-41	RBM_SCH-LIB_02-SEP-19.SchLib	12V 1W 5%		1

Approved

Notes

22