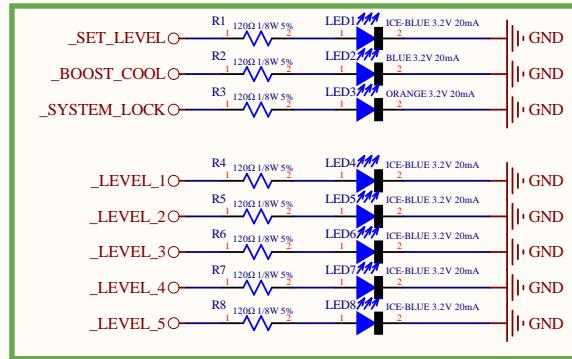
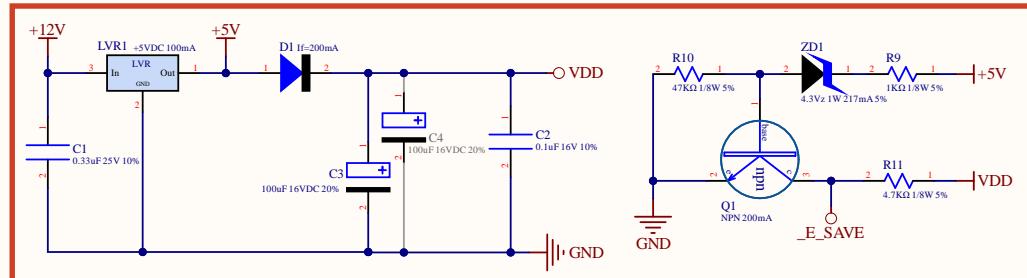


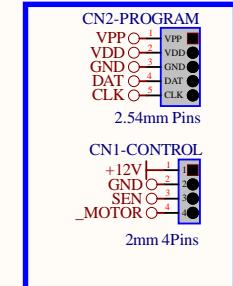
INDICATORS



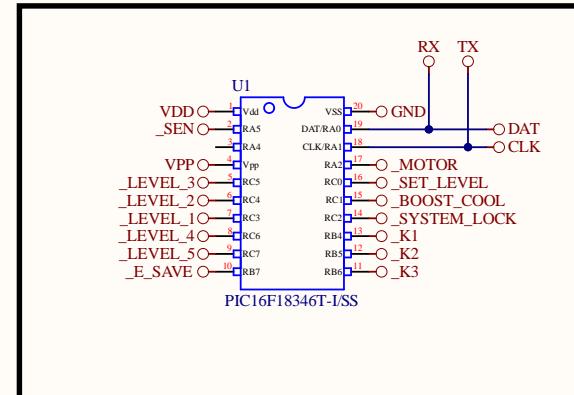
POWER CIRCUIT



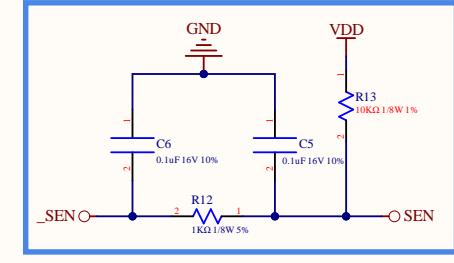
DC Connectors



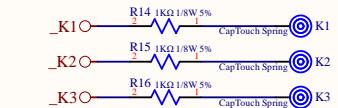
MICROCONTROLLER



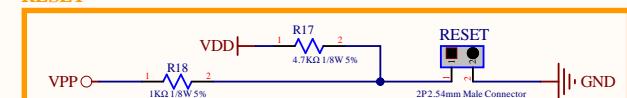
FREEZER SENSOR FILTER AND AMPLIFY



TOUCH_BUTTONS

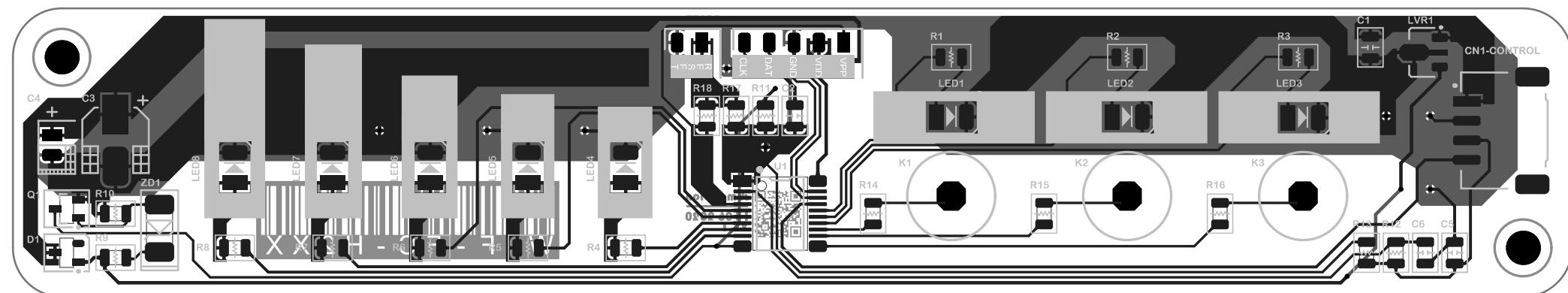


RESET



Title: PROJECT_W-F-FC-H2XX.PrjPcb

Size	Number	Revision
A4	1	1.1
Date: 6-25-2020	Sheet of	
File: D:\W_RBM_PROJECTS\PROJECT_W-F-FC-H2XX.SchDoc	Drawn By:	Raihan Bin Mofidul



Component list

Bill of Materials for Project [PROJECT_W-F-FC-H2XX.PrjPcb] (No PCB Document Selected)

Source Data From:

PROJECT_W-F-FC-H2XX.PrjPcb

Project:

PROJECT_W-F-FC-H2XX.PrjPcb

Variant:

None

Report Date: 25-Jun-20 5:17 PM

Print Date: 25-Jun-20 5:17:48 PM



#	Designator	LibRef	mn Name Error: [*]	Manufacture	Description	Footprint	Library Name	Comment	Quantity
1	C1	Capacitor Non-Polar			Multilayer Ceramic Capacitors, SMD 0805	C_0805	RBM_SCH-Lib_16-Apr-19.SchLib	0.33uF 25V 10%	1
2	C2, C5, C6	Capacitor Non-Polar			Multilayer Ceramic Capacitors, SMD 0805	C_0805	RBM_SCH-Lib_16-Apr-19.SchLib	0.1uF 16V 10%	3
3	C3	Capacitor Polar			Aluminum Electrolytic Capacitor, SMD ØDxL=6.3x5.4mm	C_SMD_6.3X5.4_CK-100uF-16V	RBM_SCH-LIB_02-SEP-19.SchLib	100uF 16V DC 20%	1
4	C4	Capacitor Polar			Aluminum Electrolytic Capacitor, Through Hole, ØDxL=5*11mm Pitch=2mm	C_Radial_P2_Right_Angle_without_3d	RBM_SCH-LIB_02-SEP-19.SchLib	100uF 16V DC 20%	1
5	CN1-CONTROL	Connector_4PINs			A2001WR-S-XP-LCP	CN_4P_A2001WR-S-XP-LCP	RBM_SCH-LIB_02-SEP-19.SchLib	2mm 4Pins	1
6	CN2-PROGRAM	Connector_PIC_Burn				CN_PIC MCU_Debugger_Straight	RBM_SCH-Lib_16-Apr-19.SchLib	2.54mm Pins	1
7	D1	Diode			BA519	D_SOT-23-3_200mA	RBM_SCH-LIB_02-SEP-19.SchLib	If=200mA	1
8	K1, K2, K3	Touch_Spring			ØDxL=9x12mm LeadDia=0.6mm	K_TouchSpring-12H-9W-0.6&1.3D	RBM_SCH-LIB_02-SEP-19.SchLib	CapTouch Spring	3
9	LED1, LED4, LED5, LED6, LED7, LED8	LED			WEJT28AC0-E74P01, SMD 3528	LED_SMD3528	RBM_SCH-LIB_02-SEP-19.SchLib	ICE-BLUE 3.2V 20mA	6
10	LED2	LED			WEJT28ABV-BCDP01, SMD 3528	LED_SMD3528	RBM_SCH-LIB_02-SEP-19.SchLib	BLUE 3.2V 20mA	1
11	LED3	LED			WEJT28AAV-6ACP01, SMD 3528	LED_SMD3528	RBM_SCH-LIB_02-SEP-19.SchLib	ORANGE 3.2V 20mA	1
12	LVR1	Voltage Regulator			SOT-89-3L Plastic-Encapsulate Voltage Regulator	U_CJ78L05_SOT89	RBM_SCH-Lib_16-Apr-19.SchLib	+5VDC 100mA	1
13	Q1	BJT_npn			BC847, SOT-23-3	Q_SOT-23-3_NPN_BC847	RBM_SCH-Lib_16-Apr-19.SchLib	NPN 200mA	1
14	R1, R2, R3, R4, R5, R6, R7, R8	Resistor			Chip-Resistor, SMD 0805, , RoHS	R_0805	RBM_SCH-Lib_16-Apr-19.SchLib	120Ω 1/W 5%	8
15	R9, R12, R14, R15, R16, R18	Resistor			Chip-Resistor, SMD 0805, , RoHS	R_0805	RBM_SCH-Lib_16-Apr-19.SchLib	1KΩ 1/W 5%	6
16	R10	Resistor			Chip-Resistor, SMD 0805, , RoHS	R_0805	RBM_SCH-Lib_16-Apr-19.SchLib	47KΩ 1/W 5%	1
17	R11, R17	Resistor			Chip-Resistor, SMD 0805, , RoHS	R_0805	RBM_SCH-Lib_16-Apr-19.SchLib	4.7KΩ 1/W 5%	2
18	R13	Resistor			Chip-Resistor, SMD 0805, , RoHS	R_0805	RBM_SCH-Lib_16-Apr-19.SchLib	10KΩ 1/W 1%	1
19	RESET	Connector_2PINs				CN_PIC_MCU_Resetter_Straight	RBM_SCH-LIB_02-SEP-19.SchLib	2P 2.54mm Male Connector	1
20	U1	IC_PIC_20pins				U_PIC_20pin_SSOP	RBM_SCH-LIB_02-SEP-19.SchLib	PIC16F18346T-VSS	1
21	ZD1	Zener Diode			ZM4731, MELF SILICON PLANAR POWER ZENER DIODES, LL-41	ZD_ZM4742A_LL-41	RBM_SCH-Lib_28-Mar-19.SchLib	4.3Vz 1W 217mA 5%	1

Approved

Notes

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