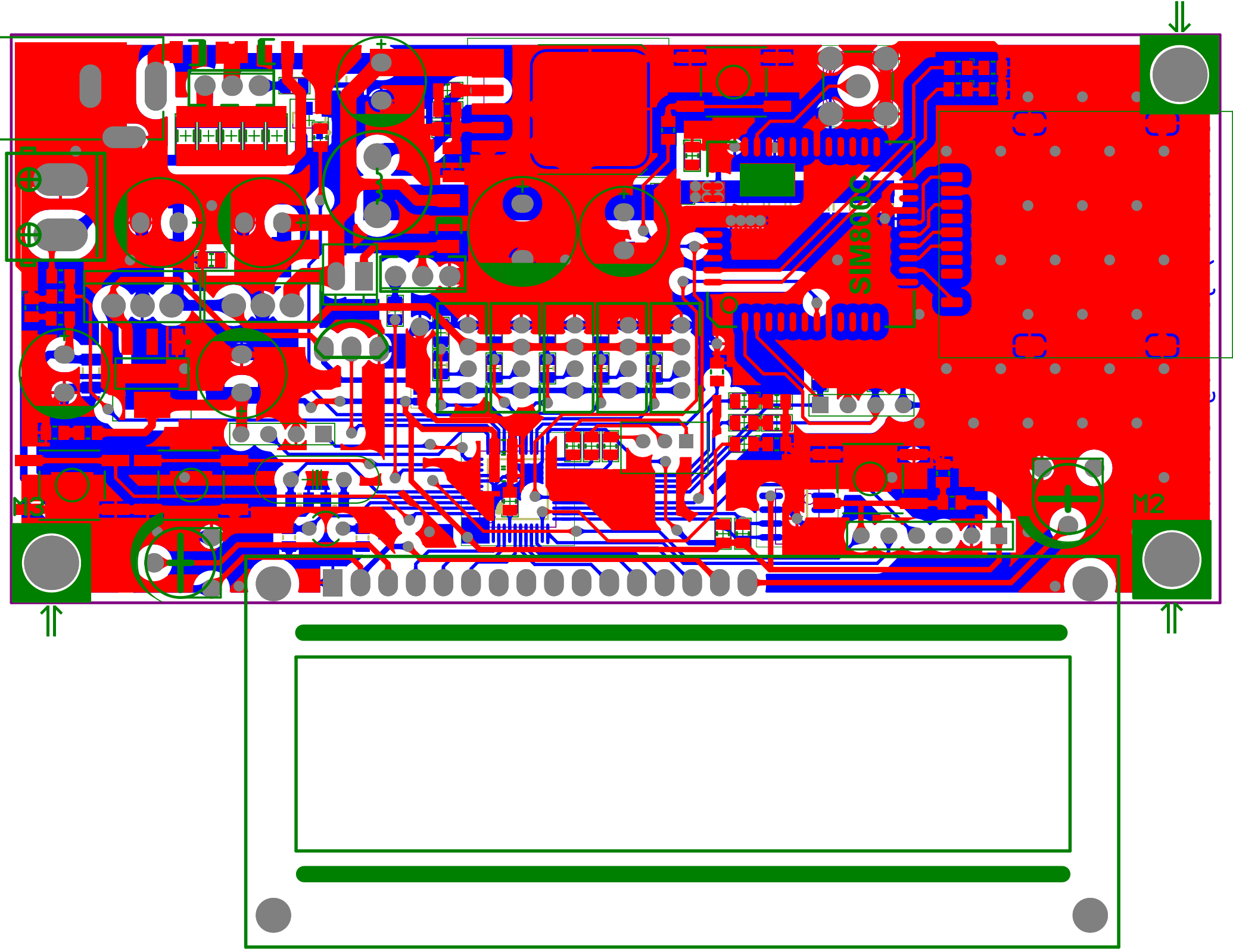


Title SMS and Caller Burglar Alarm		
Designed by Afshan Alaghaiband		
http://www.afshan-alaghaiband.com		
Size	Number	Revision
C		
Date:	11/20/2021	Sheet of
File:	C:\Users\Afshan\Documents\BurglarAlarmV2_SchDoc	Drawn By:



Comment	Description	Footprint	Quantity
BD140	PNP BJT	BD140	1
BD139	BJT	BD139	1
10 uF	Bipolar Capacitor	SMD_CAP_1206	2
100nF	Bipolar Capacitor	SMD_CAP_1206	6
10uF	Bipolar Capacitor	SMD_CAP_1206	6
470uF	Polar Capacitor	cap 03	6
1000uF	Polar Capacitor	cap 04	1
100 nF	Bipolar Capacitor	SMD_CAP_1206	1
330 nF	Bipolar Capacitor	SMD_CAP_1206	1
470 nF	Bipolar Capacitor	SMD_CAP_1206	1
1 uF	Bipolar Capacitor	SMD_CAP_1206	1
4.7 uF	Bipolar Capacitor	SMD_CAP_1206	1
22 uF	Bipolar Capacitor	SMD_CAP_1206	1
47 uF	Bipolar Capacitor	SMD_CAP_1206	1
10pf	Bipolar Capacitor	SMD_CAP_0805	1
100nf	Bipolar Capacitor	SMD_CAP_0805	1
2.2 uF	Bipolar Capacitor	SMD_CAP_0805	1
100 nF	Bipolar Capacitor	SMD_CAP_0805	1
10 uF	Bipolar Capacitor	SMD_CAP_0805	1
20PF	Bipolar Capacitor	SMD_CAP_0805	4
1N4007	SMD Diode, SMD Diodes	DO-214AC (SMD Diode)	3
SS34	Fast or shotky Diode	DIOMELF3615N	1
2A	Resistor	SMD_RES_1206	1
Power Jack	15V DC 1A Adaptor	Power Jack	1
ANT	SMA Straight Jack, Up to 18 GHz	ROS-32K101-400L5_V	1
JumperSMD 3Pin		JumperSMD 3Pin - UltraSmall	1
100uh	Inductor	General 10x12(200m) Inductor	1
LCD-CH	LCD 16*2	LCD2-16	1
LED		LED0805	9
SIM800C	Sim800c GSM modem	Sim800c	1
Screw	Board Screw With Spacer	Board Screw	3
Battery	12V Lead acid battery	Terminal Block 2pin	1
Connector	PIR connector	PH 4A Connector	5
Connector	12V Alarm connector (power input voltage dropped by a transistor)	Polarized Header 2	1
Touch Electrodes	3 pin PH connector	PH Connector 3Pin	1
ProgrammerSocket	programming socket	HDR1X6	1
BC817	NPN Bipolar Transistor	SOT23_BEC_N	1
3.3k	Resistor	RES 0805 (2012X06L)	4
4.7k	Resistor	RES 0805 (2012X06L)	1
330	Resistor	RES 0805 (2012X06L)	11
2.2K	Resistor	RES 0805 (2012X06L)	1
1K	Resistor	RES 0805 (2012X06L)	5
220	Resistor	RES 1206 (3216X08L)	10
68K	Resistor	RES 0805 (2012X06L)	1
20K	Resistor	RES 0805 (2012X06L)	1
10k	Resistor	RES 0805 (2012X06L)	7
5.6k	Resistor	RES 0805 (2012X06L)	5
150	Resistor	RES 0805 (2012X06L)	1
L7809	7809 deep 9V Linear Regulator	To-220	1
L7805	7805 deep 5V Linear Regulator	To-220	1
SimCard_Holder	Sim Holder	Standard_Sim	1
Switch PB	Push Button Switch	SW-PB	4
R2T-MiniSerial	USART connector	SerialWireMini	2
LM2576HVS-ADJ	Switching Voltage Regulator, SMD, LM2576HVS-Adjustable	TO-263-5	1
LM1117IMP-3.3	3.3 Volt, 800mA Linear Regulator	MP04A_N	1
AT24C08BN-SP25-B	8Kbit EEPROM	8S1_N	1
STM32F051C8T6	ARM Cortex-M0 32-bit, 48-pin LQFP	STM-LOFP48_N	1
LM35	Temperature sensor	LM35	1
10K	Variable Resistor	Pot 00	2
8MHz	8 MHz	XTAL Small	1
32.768khz	32.768khz	XTAL RTC	1