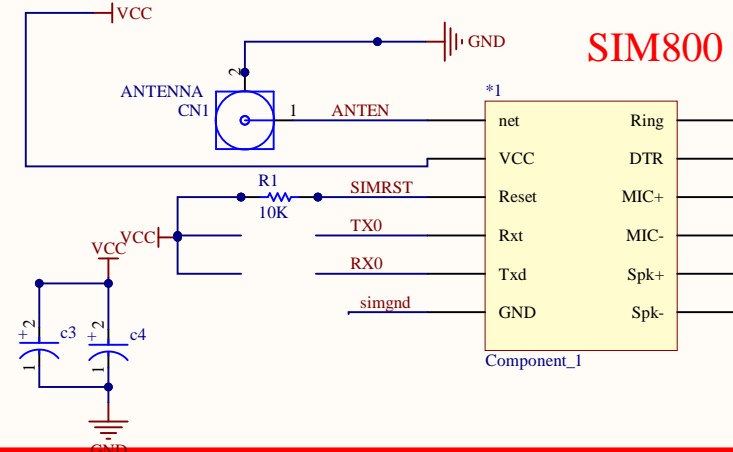
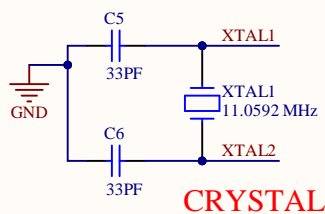


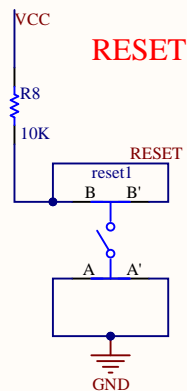
power



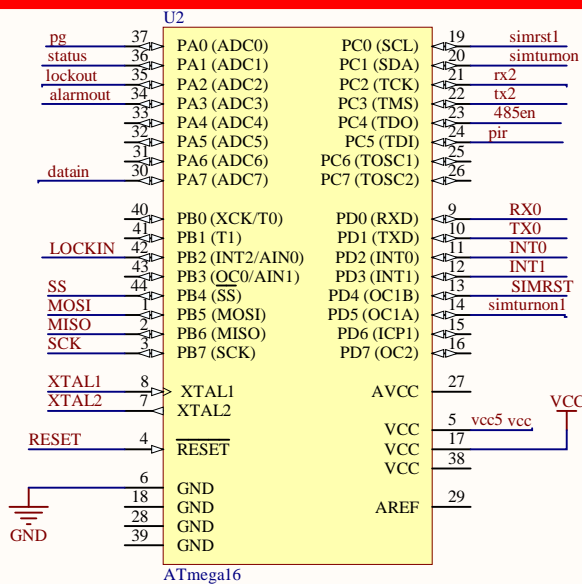
SIM800



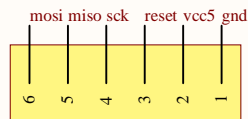
CRYSTAL



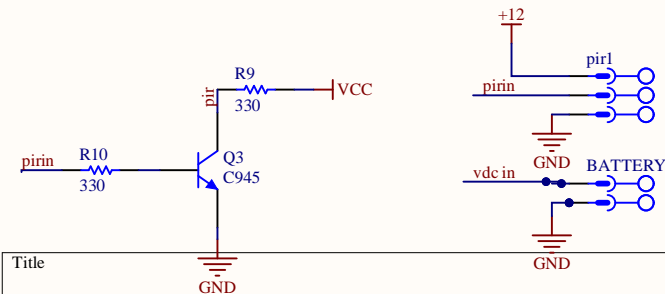
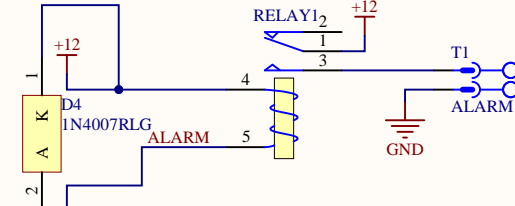
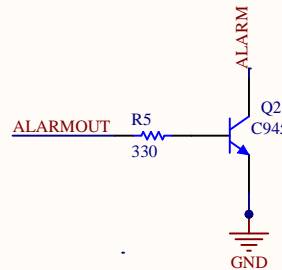
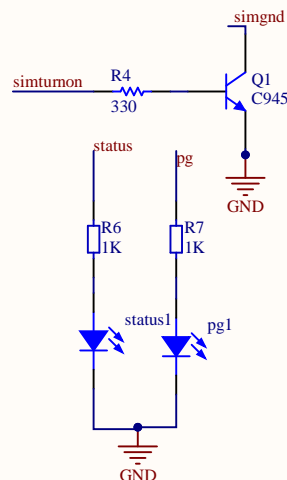
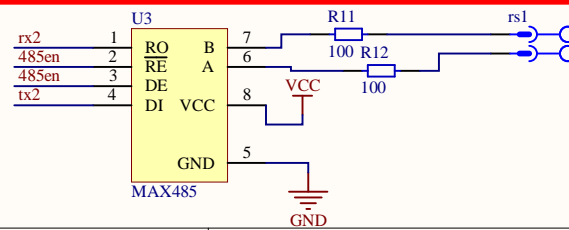
RESET



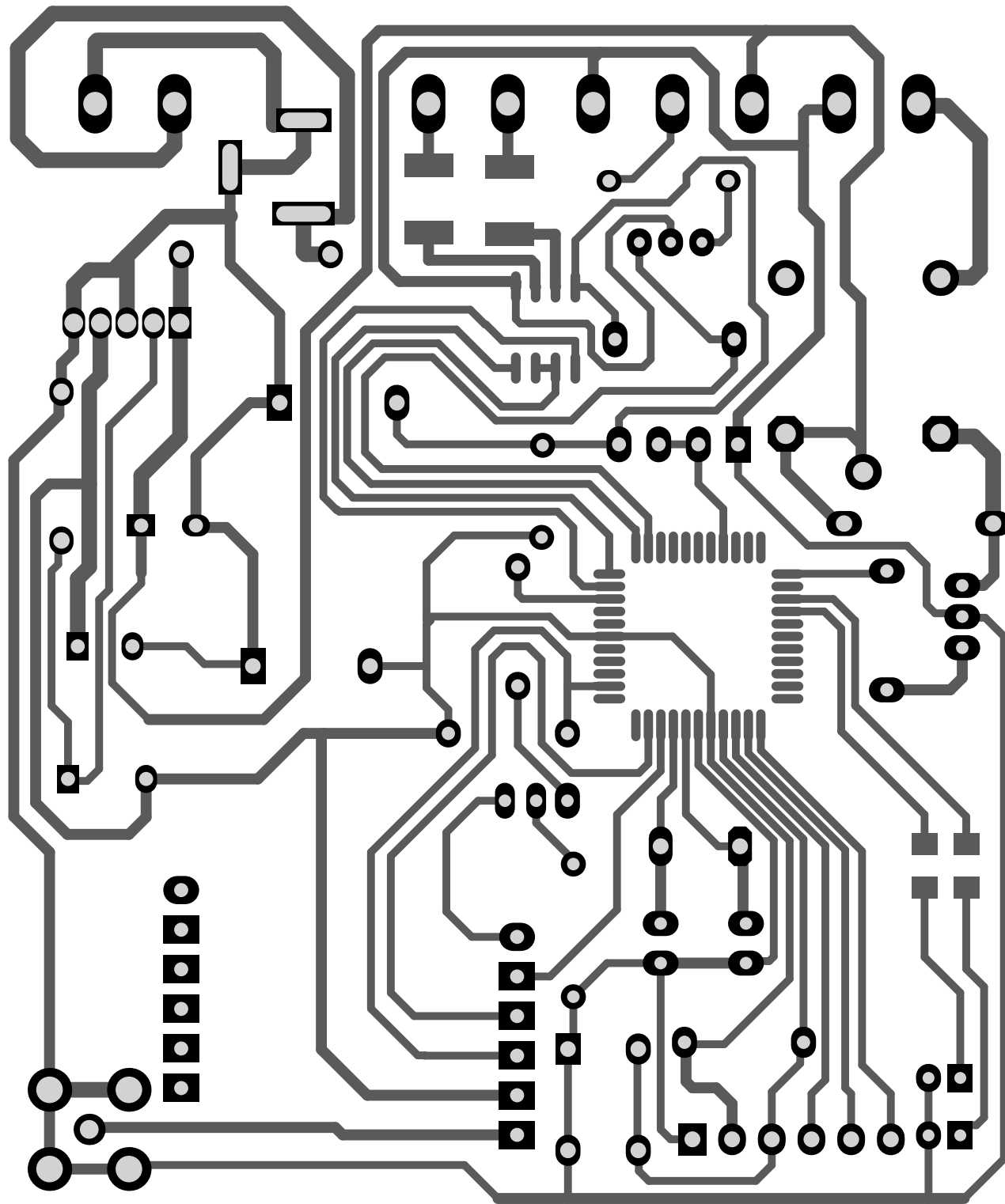
PROGRAMMER



J7
Header6X1



Title		
Size	Number	Revision
A4		
Date:	2/28/1402	Sheet of
File:	C:\Users\...\Sheet2.SchDoc	Drawn By:



Quantity	LibRef	Footprint	Designator	Description	Comment
1	Component_1	PCBComponent_1	*1		Component_1
2	CON_Phoenix_MST_B_02	MSTB 2,5/2-G-5,08	BATTERY1, rs1	2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly	PHOENIX
2	CMP-05427-001624-1	FP-RAD-TH-D_16_0_5-L_25_2-MFG	c3, c4	Aluminum Electrolytic Capacitors (Radial Lead Type) 4700uF ±20% 16V	ECA1CM472
1	CMP-1665-00042-2	CAPPR65-350-1150X800X1250	C1	Aluminum Electrolytic Capacitor, 100 uF, +/- 20%, 50 V, -40 to 85 degC, 2-Pin THD, RoHS, Bulk	100UF
1	CMP-1665-00042-2	CAPPR65-350-1150X800X1250	C2	Aluminum Electrolytic Capacitor, 100 uF, +/- 20%, 50 V, -40 to 85 degC, 2-Pin THD, RoHS, Bulk	1000UF
2	Cap Semi	RB.1/.3	C5, C6	Capacitor (Semiconductor SIM Model)	33PF
1	ANTENNA	SMA-Right	CN1		ANTENNA
3	CMP-0902-00147-1	ONSC-AXIAL_LEAD-2-59-10_P	D1, D3, D4	Standard Recovery Rectifier, 2-Pin Axial_Lead, Pb- Free, Tape and Reel	1N4007RLG
1	CMP-2000-06895-2	CUI-PJ-002A_V	J1	Through Hole Right Angle DC Power Jack, 2.5 A, 2 mm Center Pin, 3 Position, -25 to 85 degC, RoHS, Bulk	PJ-002A
1	Header6X1	HEADER 6X1	J?		Header6X1
1	CMP-1747-00013-1	INDR62-500-1100X850X1100	L1	Radial Inductor, 100 uH, +/- 10%, 0.91 A, -55 to 105 degC, 2- Pin THD, RoHS, Bulk	100UH
2	LED 3MM	LED3mm_GRN	pg1, status1	Light Emitting Diode	LED3MM
1	CON_Phoenix_MST_B_03	MSTB 2,5/3-G-5,08	pir1	3 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly	PHOENIX
3	C945	c945	Q1, Q2, Q3	NPN Silicon Epitaxial Planar Transistor	C945
6	Res1	AXIAL-0.3	R1, R4, R5, R8, R9, R10	Resistor	Res1
2	Resistor SMD	1206 Resistor	R6, R7		Resistor SMD
2	Resistor SMD	1812 Resistor	R11, R12		Resistor SMD
1	RELAY General	Relay 15.40x12.10x13.10	RELAY1	Relay_SPDT POWER NEEDLE	Relay
1	Header 4	HDR1X4	REMOTE1	Header, 4-Pin	Header 4
1	CMP-05618-000085-1	FP-EVQ-PAE09K-MFG	reset1	SWITCH TACTILE SPST-NO 0.02A 15V	EVQ-PAE09K
1	CON_Phoenix_MST_B_02	MSTB 2,5/2-G-5,08	T1	2 Pitch: 5.08 mm Color: green Contact surface: Tin Assembly	ALARM
1	CMP-0069-01993-4	FP-KC0005A-MFG	U1	IC REG BUCK ADJ 3A TO220-5	LM2576
1	CMP-0095-00235-2	44A_M	U2	8-bit AVR Microcontroller, 4.5- 5.5V, 16KB Flash, 512 Bytes EEPROM, 1KB SRAM, 44-pin TQFP, Industrial Grade (-40°C to 85°C), Pb-Free	ATmega16
1	MAX485	SOIC-8	U3		MAX485
1	CRYSTAL	My_Crystal	XTAL1	Crystal	11.0592 MHz