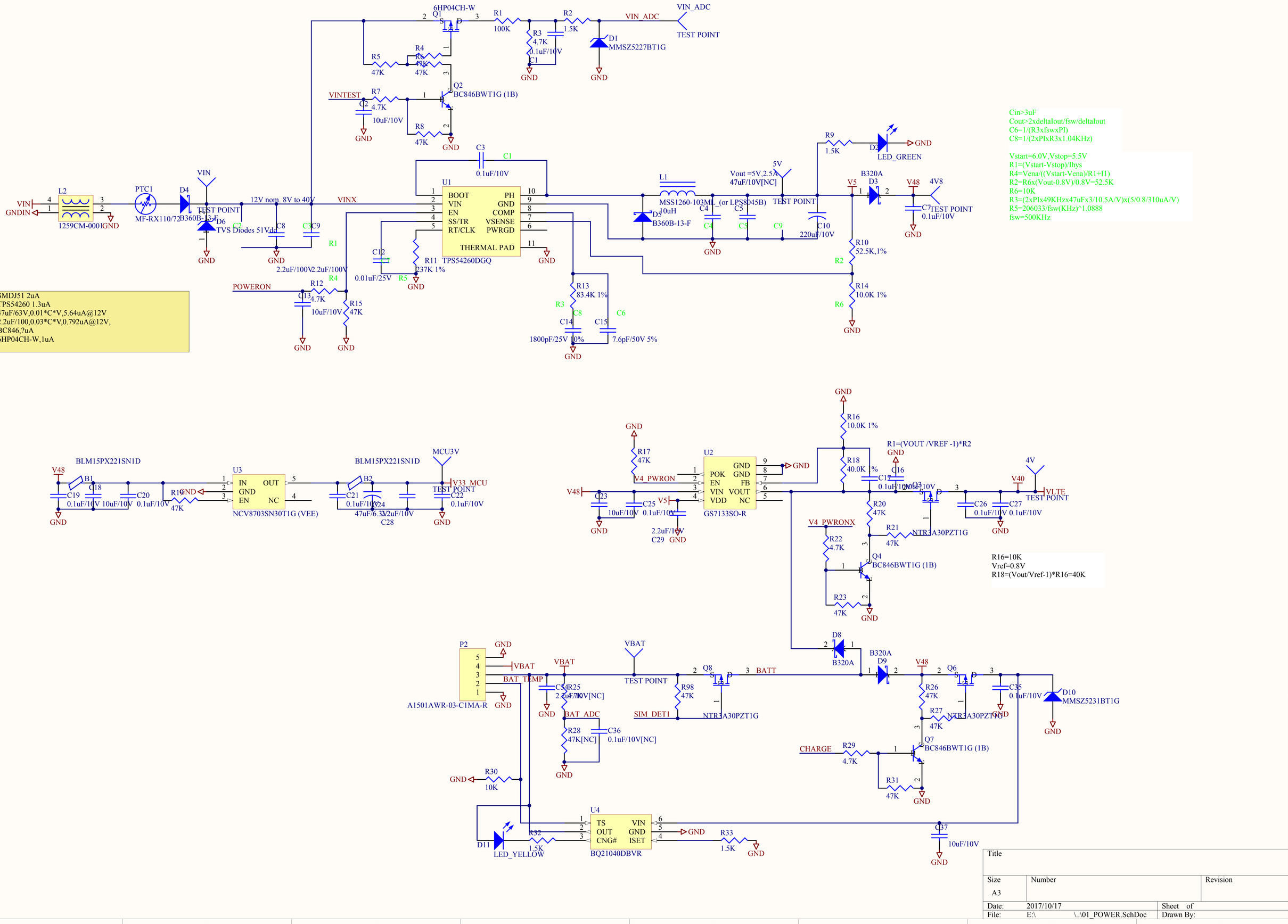
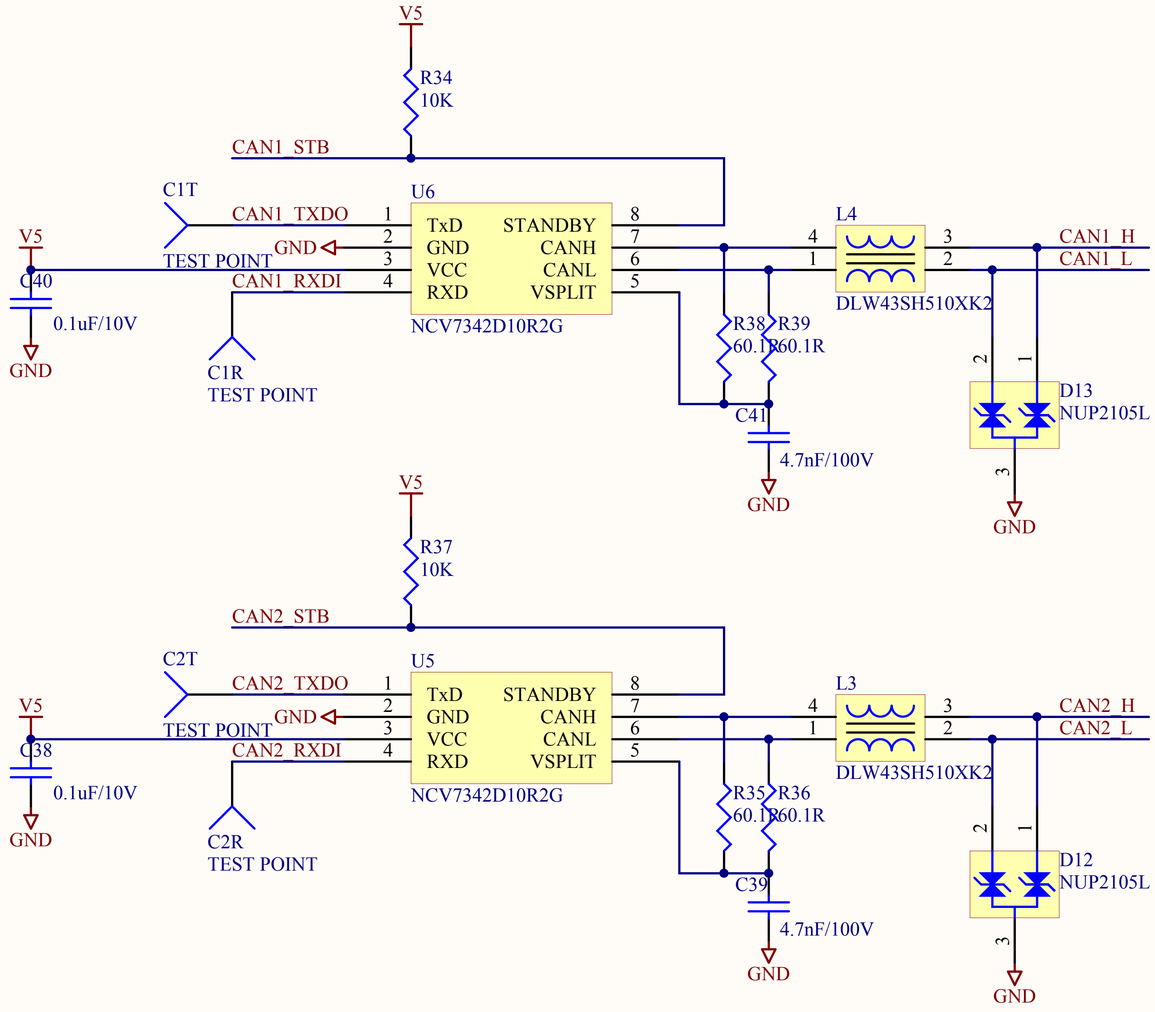
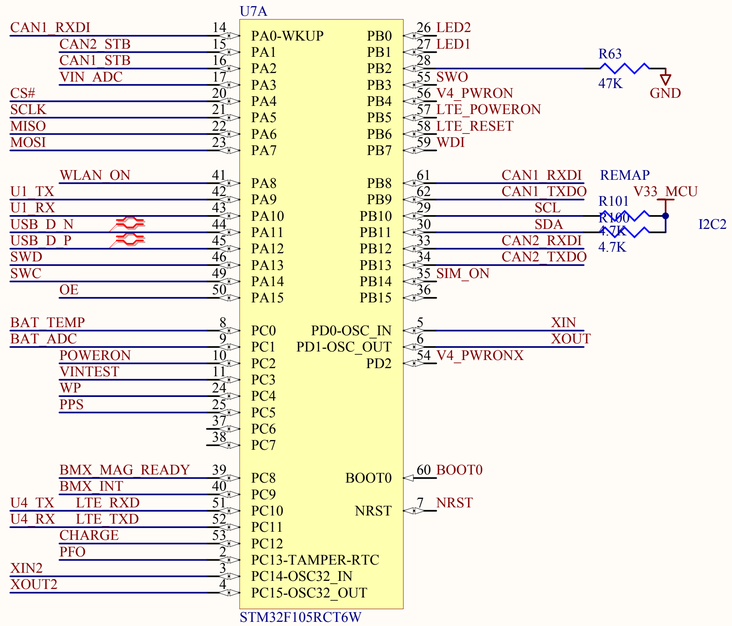


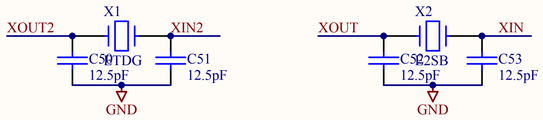
Title		
Size: A3	Number	Revision
Date: 2017/10/17		Sheet of
File: E:\ \..\01_POWER.SchDoc		Drawn By:

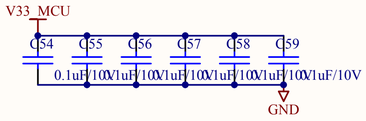


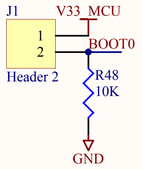
Title		
Size A4	Number	Revision
Date: 2017/10/17		Sheet of
File: E:\ \..\02_INTF.SchDoc		Drawn By:

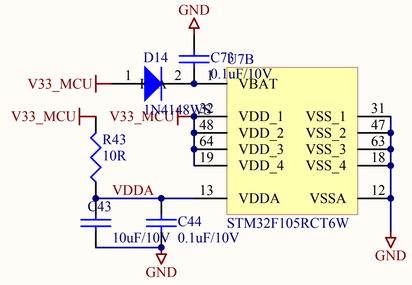


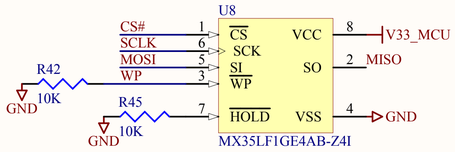
Programm using USART1, USART2 (remapped)

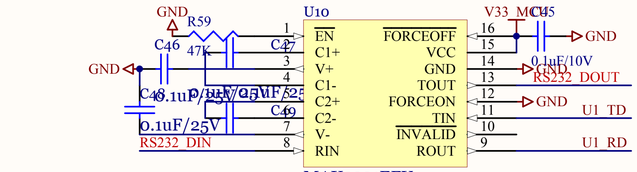


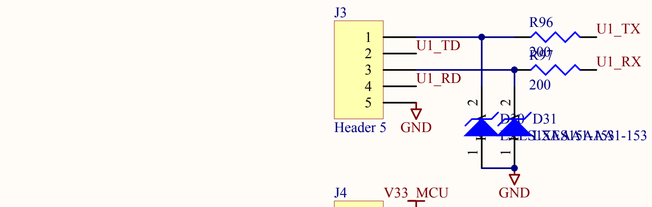


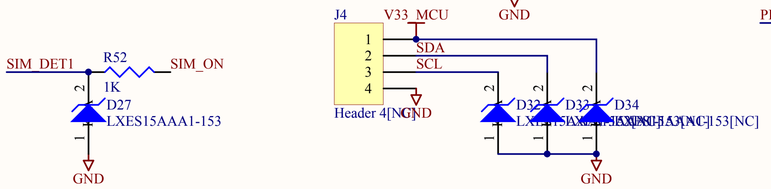


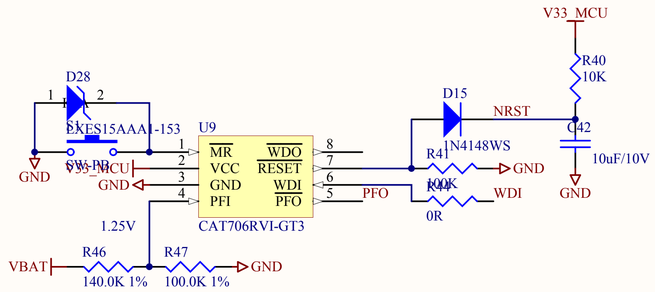


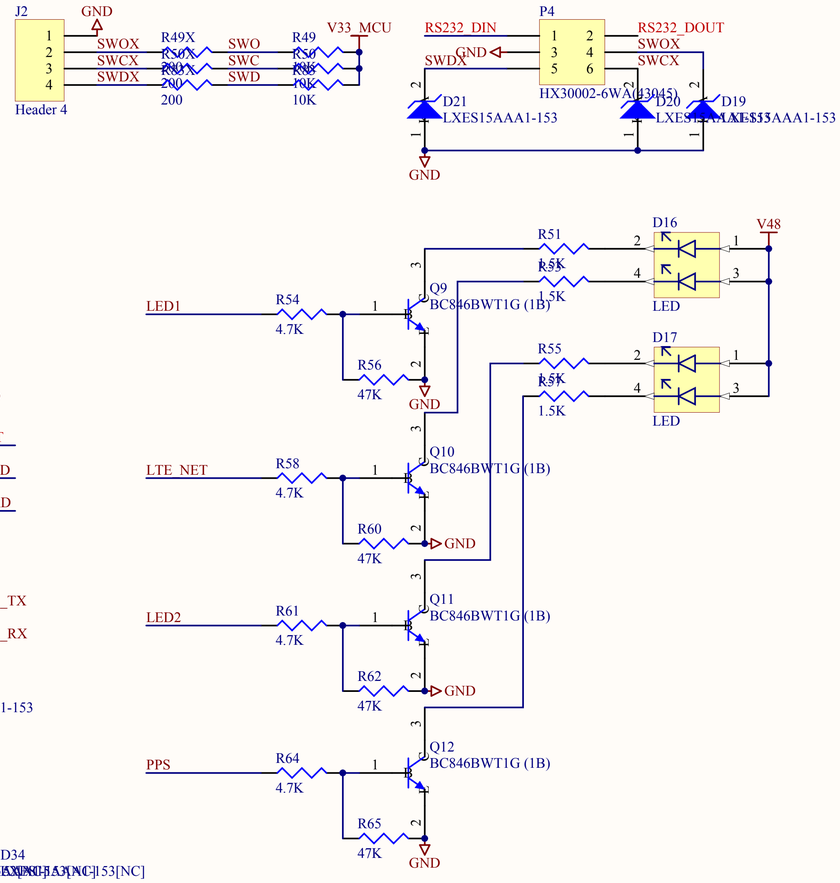




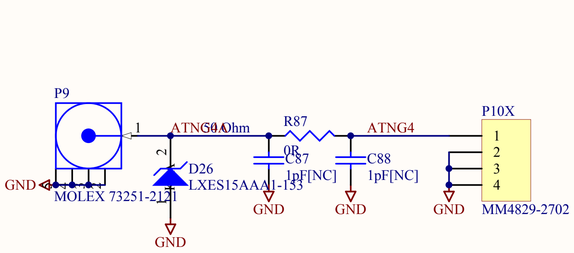


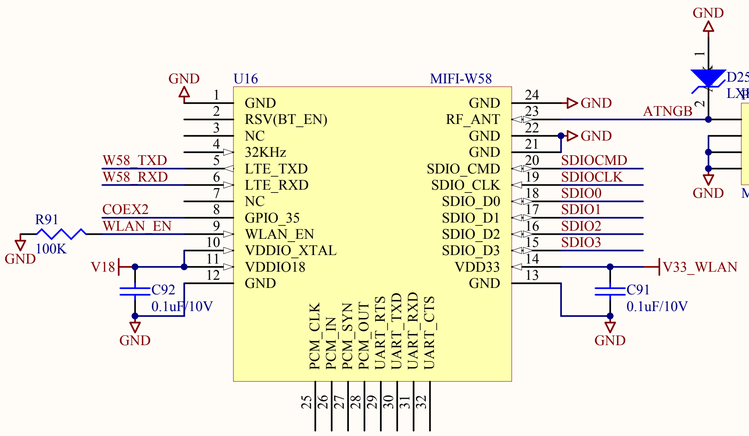


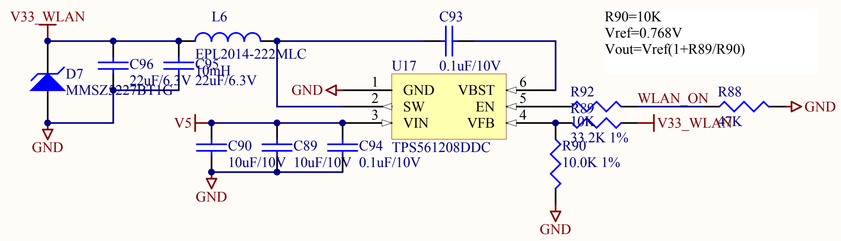


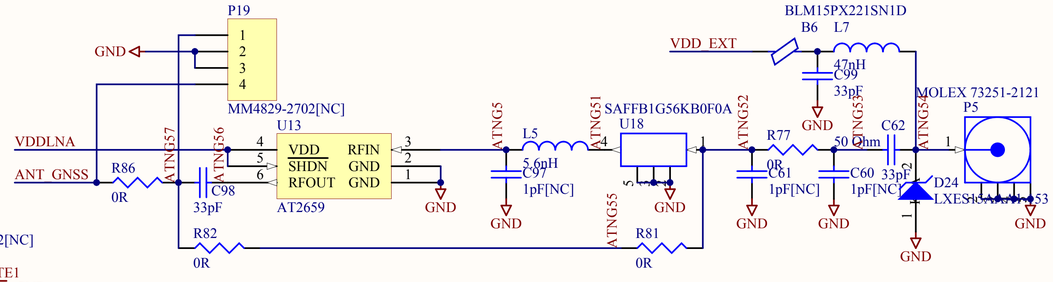


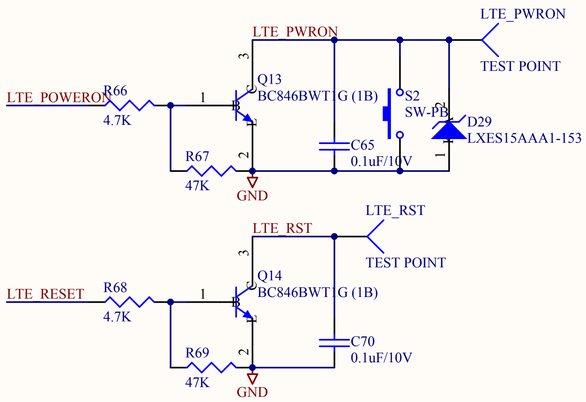
Title		
Size A3	Number	Revision
Date: 2017/10/17		Sheet of
File: E:\ \..\03_MCU.SchDoc		Drawn By:

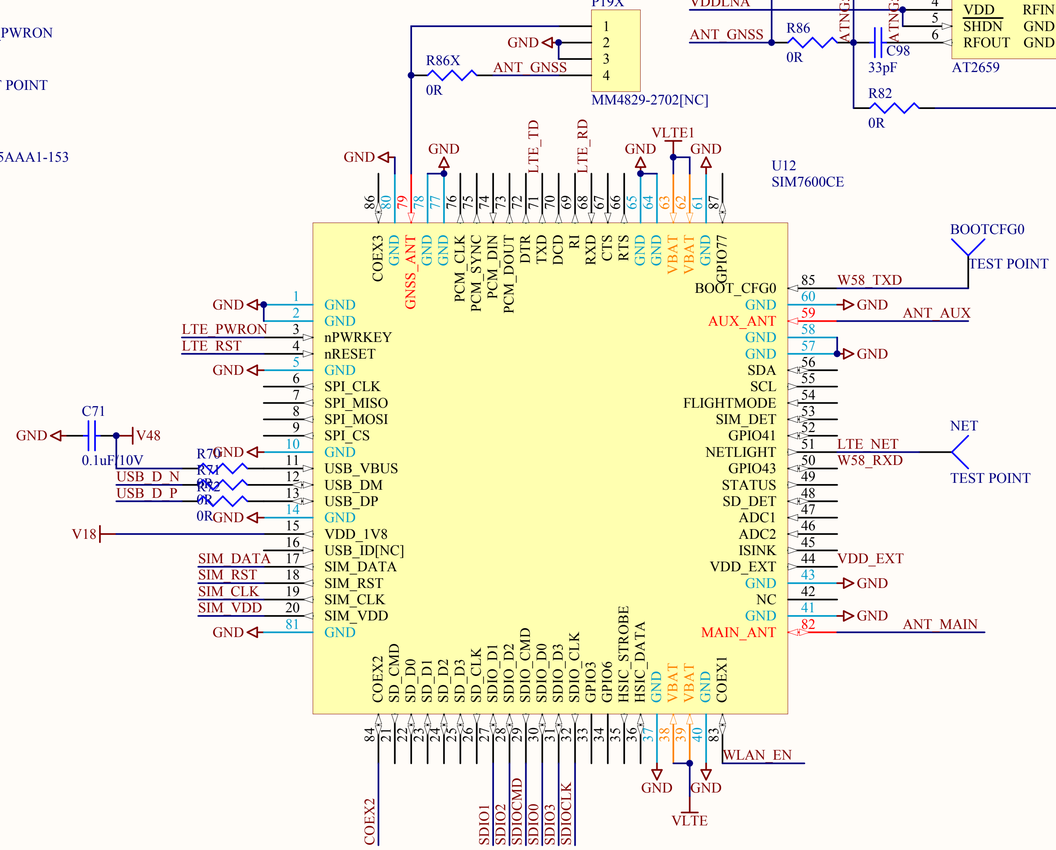


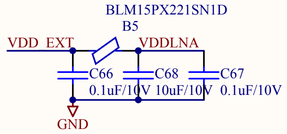


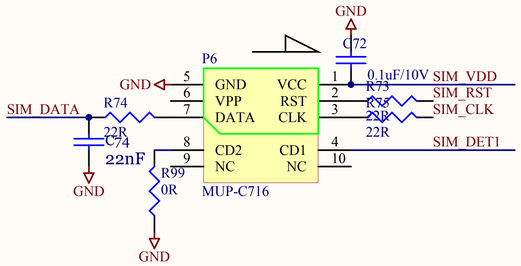


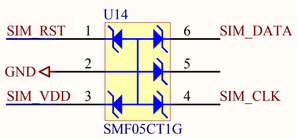


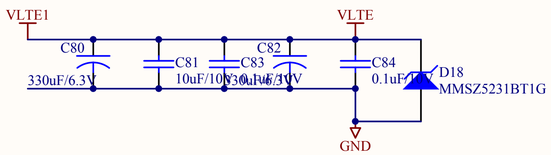


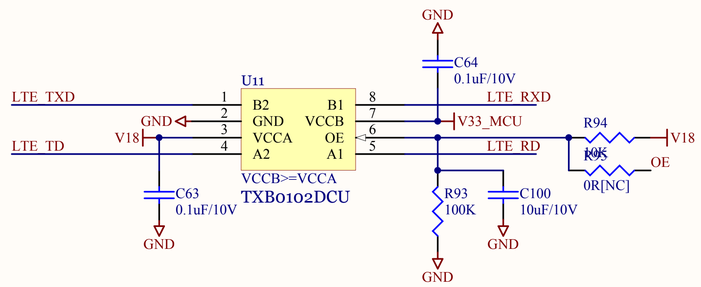


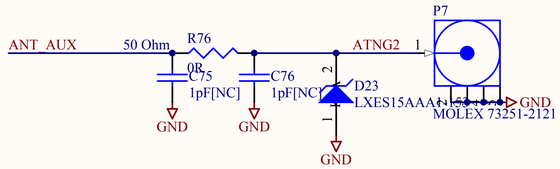


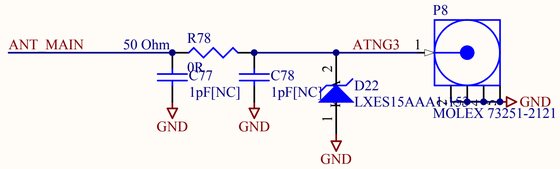




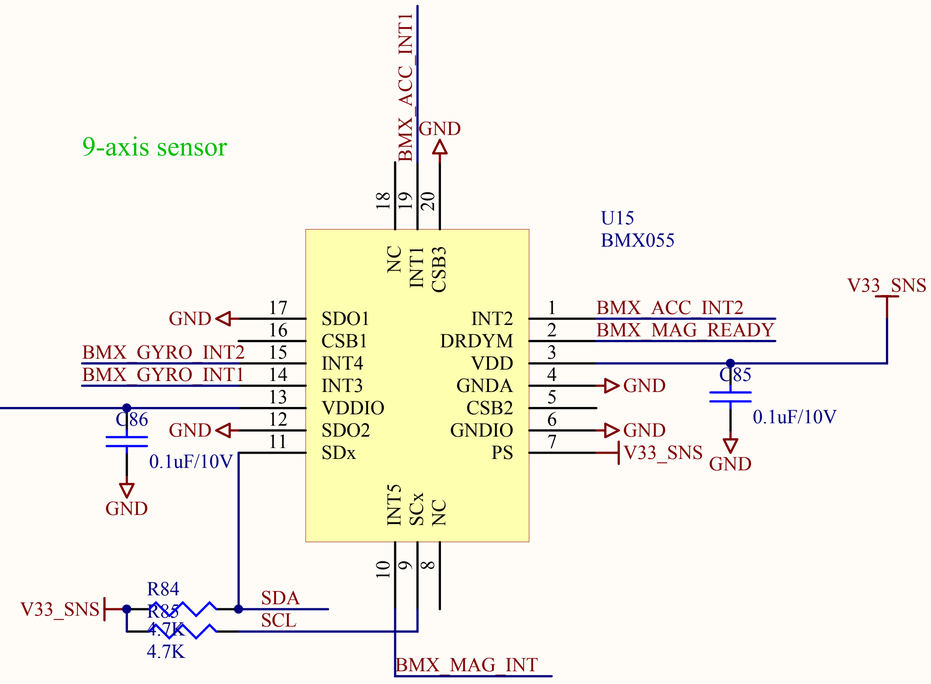


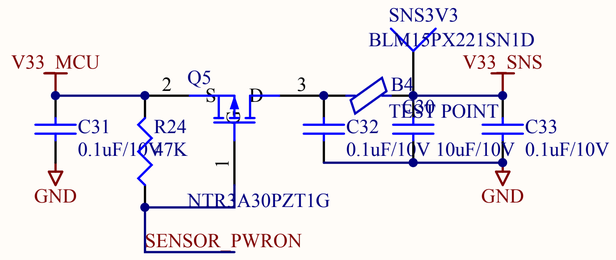






Title			
Size A3	Number		Revision
Date: 2017/10/17		Sheet of	
File: E:\	\..\04_LTE.SchDoc	Drawn By:	





Supply Current in Active Mode (average)

IDD,lp,m Low power preset Nominal VDD supplies TA=25° C, ODR=10Hz 170 µA

IDD,rg,m Regular preset Nominal VDD supplies TA=25° C, ODR=10Hz 0.5 mA

IDD,eh,m Enhanced regular preset Nominal VDD supplies TA=25° C, ODR=10Hz 0.8 mA

IDD,ha,m High accuracy preset Nominal VDD supplies TA=25° C, ODR=20Hz 4.9 mA

Supply Current in Suspend Mode IDDsm,m Nominal VDD/VDDIO supplies, TA=25° C 1 µA

Peak supply current in Active Mode IDDpk,m In measurement phase Nominal VDD supplies TA=25° C 18 mA

Peak logic supply current in active mode IDDIOpk,m Only during measurement phase Nominal VDDIO supplies 210 µA

Title		
Size A4	Number	Revision
Date: 2017/10/17		Sheet of
File: E:\ \..\05_SENSOR.SchDoc		Drawn By:

ODB_INTF
02_INTF.SchDoc

MCU
03_MCU.SchDoc

LTE&GPS MODULE
04_LTE.SchDoc

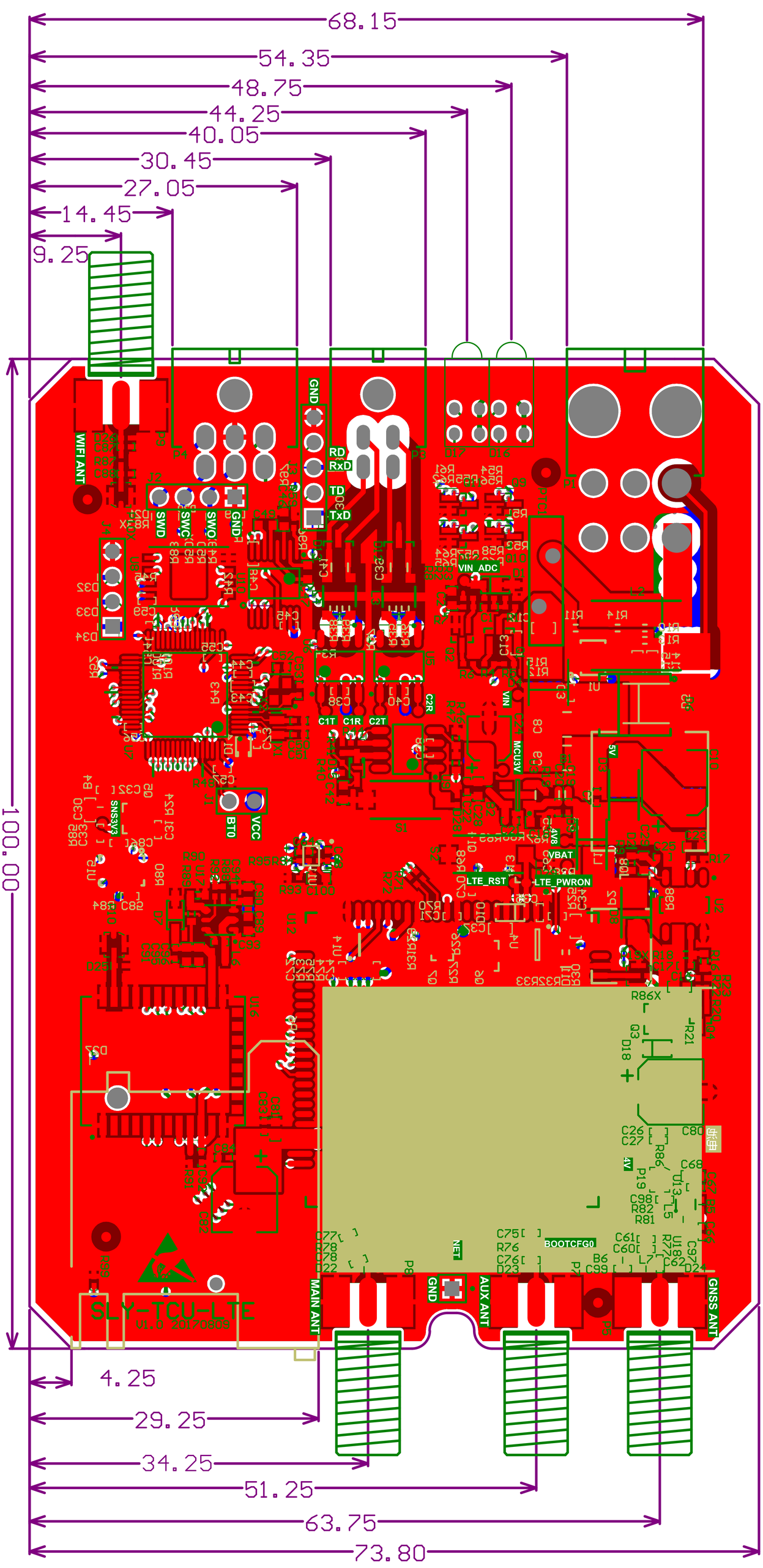
POWER
01_POWER.SchDoc

SENSOR
05_SENSOR.SchDoc

P17
Plug
P18
Plug
P11
Plug
P12
Plug
P13
Plug
P14
Plug
P15
Plug
P16
Plug

GND
Plug

Title		
Size A4	Number	Revision
Date: 2017/10/17		Sheet of
File: E:\ \..\AUTO_DATA2.SchDoc		Drawn By:


68.15
54.35
48.75
44.25
40.05
30.45
27.05
14.45
9.25
100.00
4.25
29.25
34.25
51.25
63.75
73.80
WIFI ANT
MAIN ANT
AUX ANT
GNSS ANT
GND
RD
RxD
TD
TxD
SWD
SWC
SWO
VIN_ADC
VIN
VBAT
MCU3V
5V
LTE_RST
LTE_PWRON
BOOTCFG0
C1T
C1R
C2T
C2R
BT0
VCC
SNS3V3
SLY-TCU-LTE
V1.0 20170809