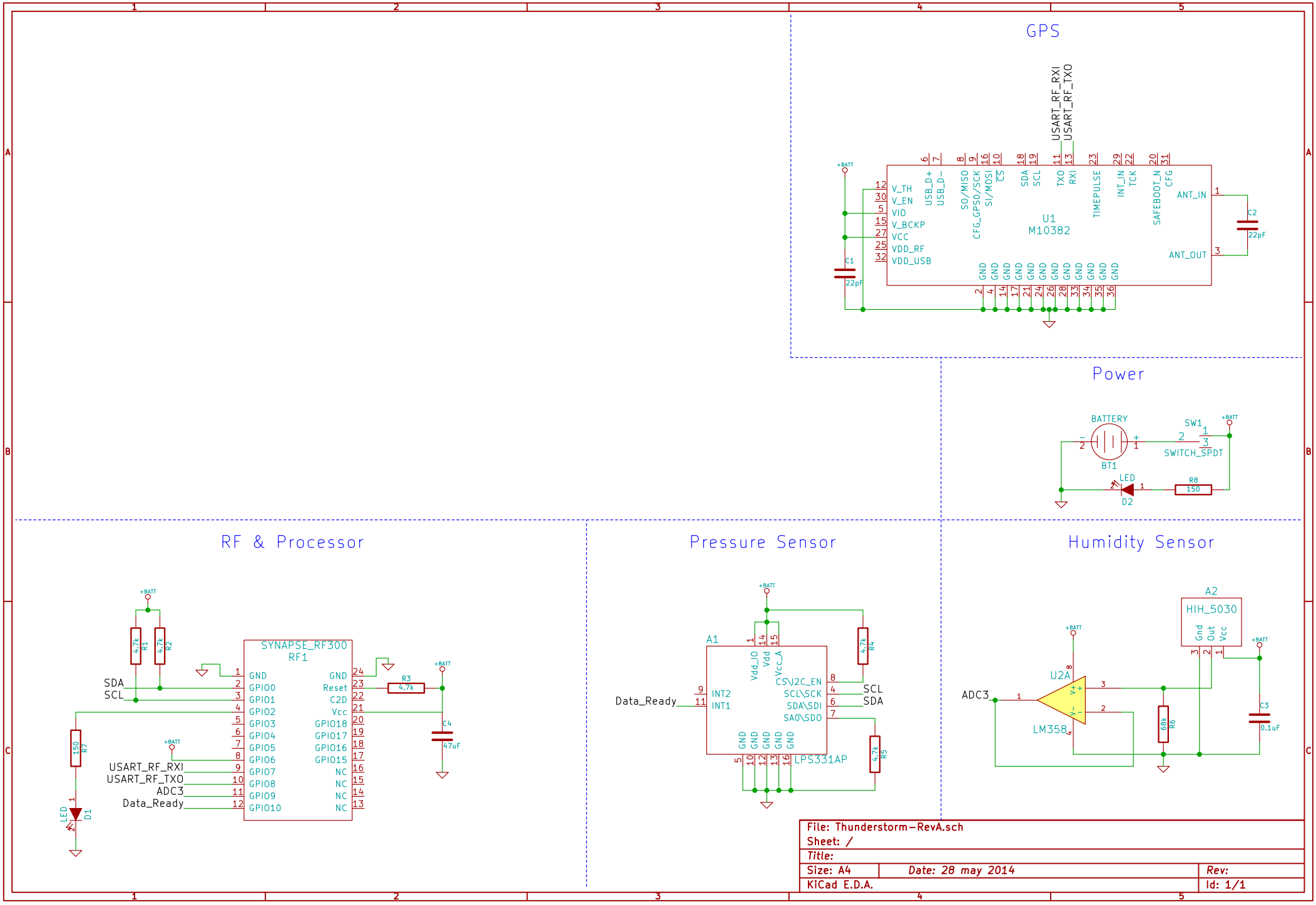
GPS
U1
M10382
V_TH
V_EN
VIO
V_BCKP
VCC
VDD_RF
VDD_USB
USB_D+
USB_D-
SO/MISO
CFG_GPS0/SCK
SI/MOSI
CS
SDA
SCL
TXO
RXI
TIMEPULSE
INT_IN
TCK
SAFEBOOT_N
CFG
ANT_IN
ANT_OUT
USART_RF_RXI
USART_RF_TXO
+BATT
C1
22pF
C2
22pF
Power
BATTERY
BT1
SW1
SWITCH_SPDT
LED
D2
R8
150
RF & Processor
SYNAPSE_RF300
RF1
GND
GPIO0
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
GPIO6
GPIO7
GPIO8
GPIO9
GPIO10
Reset
C2D
Vcc
GPIO18
GPIO17
GPIO16
GPIO15
NC
R1
4.7k
R2
4.7k
R3
4.7k
C4
47uF
R7
150
D1
SDA
SCL
USART_RF_RXI
USART_RF_TXO
ADC3
Data_Ready
Pressure Sensor
A1
LPS331AP
Vdd_IO
Vdd
Vcc_A
INT2
INT1
CS\I2C_EN
SCL\SCK
SDA\SDI
SAO\SDO
R4
4.7k
R5
4.7k
Data_Ready
SCL
SDA
Humidity Sensor
A2
HIH_5030
Gnd
Out
Vcc
U2A
LM358
ADC3
R6
68k
C3
0.1uF
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Date: 28 may 2014
Rev:
KiCad E.D.A.
Id: 1/1