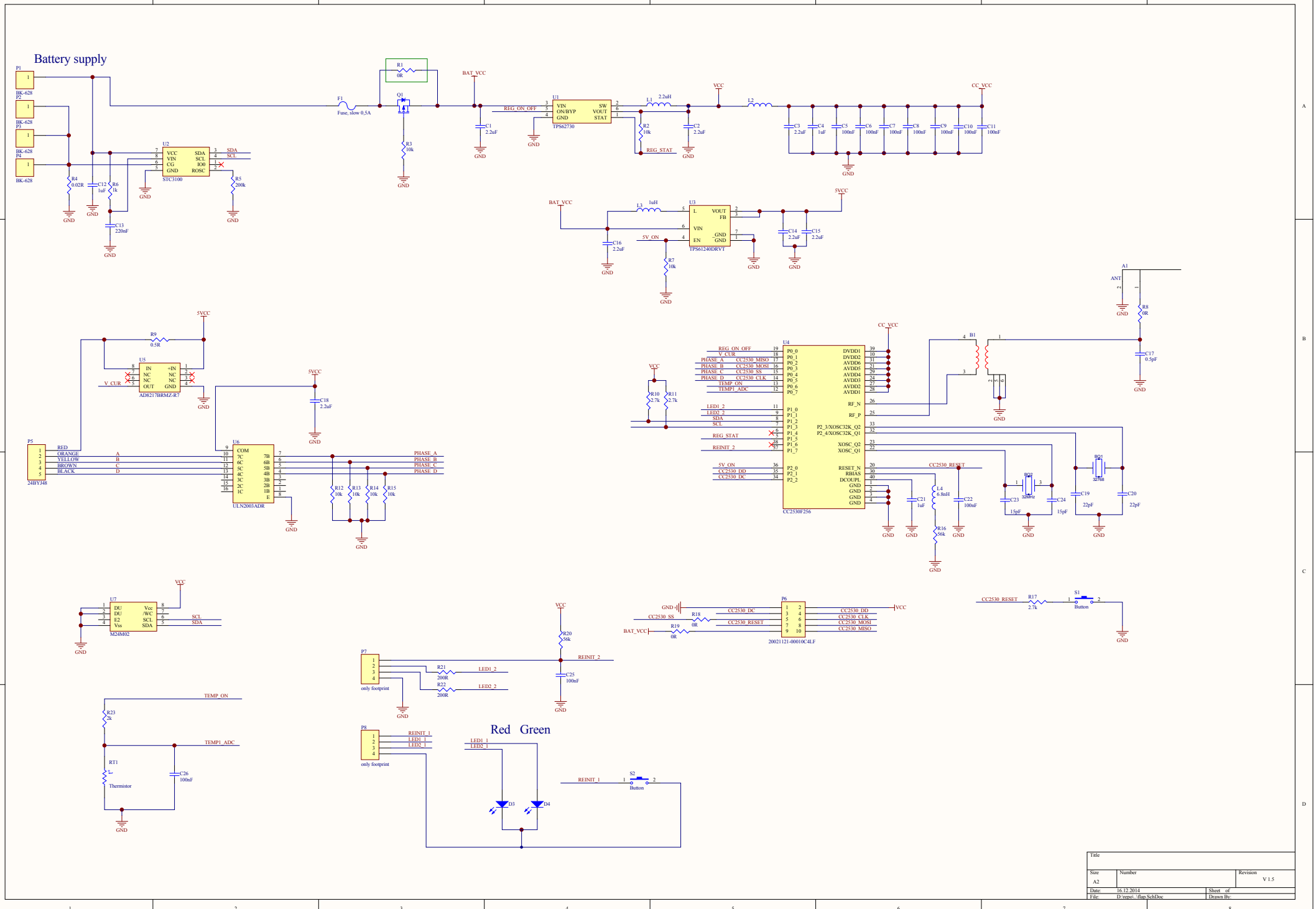
Battery supply
P1
BK-628
P2
BK-628
P3
BK-628
P4
BK-628
R4
0.02R
C12
1uF
R6
1k
C13
220nF
U2
VCC
VIN
CG
GND
SDA
SCL
IO0
ROSC
STC3100
R5
200k
SDA
SCL
F1
Fuse, slow 0,5A
R1
0R
Q1
R3
10k
BAT_VCC
C1
2.2uF
REG_ON_OFF
U1
VIN
ON/BYP
GND
SW
VOUT
STAT
TPS62730
L1
2.2uH
R2
10k
REG_STAT
C2
2.2uF
VCC
L2
C3
2.2uF
C4
1uF
C5
100nF
C6
100nF
C7
100nF
C8
100nF
C9
100nF
C10
100nF
C11
100nF
CC_VCC
BAT_VCC
L3
1uH
U3
L
VIN
EN
VOUT
FB
GND
TPS61240DRVT
5V_ON
R7
10k
C16
2.2uF
C14
2.2uF
C15
2.2uF
5VCC
A1
ANT
R8
0R
C17
0.5pF
5VCC
R9
0.5R
U5
IN
NC
NC
OUT
+IN
NC
NC
GND
AD8217BRMZ-R7
V_CUR
C18
2.2uF
P5
RED
ORANGE
YELLOW
BROWN
BLACK
24BYJ48
U6
COM
7C
6C
5C
4C
3C
2C
1C
7B
6B
5B
4B
3B
2B
1B
E
ULN2003ADR
PHASE_A
PHASE_B
PHASE_C
PHASE_D
R12
10k
R13
10k
R14
10k
R15
10k
CC_VCC
U4
REG_ON_OFF
V_CUR
PHASE_A
CC2530_MISO
PHASE_B
CC2530_MOSI
PHASE_C
CC2530_SS
PHASE_D
CC2530_CLK
TEMP_ON
TEMP1_ADC
LED1_2
LED2_2
SDA
SCL
REG_STAT
REINIT_2
5V_ON
CC2530_DD
CC2530_DC
P0_0
P0_1
P0_2
P0_3
P0_4
P0_5
P0_6
P0_7
P1_0
P1_1
P1_2
P1_3
P1_4
P1_5
P1_6
P1_7
P2_0
P2_1
P2_2
DVDD1
DVDD2
AVDD6
AVDD5
AVDD4
AVDD3
AVDD2
AVDD1
RF_N
RF_P
P2_3/XOSC32K_Q2
P2_4/XOSC32K_Q1
XOSC_Q2
XOSC_Q1
RESET_N
RBIAS
DCOUPL
GND
CC2530F256
VCC
R10
2.7k
R11
2.7k
B1
C21
1uF
L4
6.8nH
C22
100nF
R16
56k
CC2530_RESET
BQ2
32MHz
C23
15pF
C24
15pF
BQ1
32768
C19
22pF
C20
22pF
U7
DU
DU
E2
Vss
Vcc
/WC
SCL
SDA
M24M02
VCC
SCL
SDA
P7
only footprint
R21
200R
R22
200R
LED1_2
LED2_2
VCC
R20
56k
REINIT_2
C25
100nF
P6
20021121-00010C4LF
GND
CC2530_SS
BAT_VCC
R18
0R
R19
0R
CC2530_DC
CC2530_RESET
CC2530_DD
CC2530_CLK
CC2530_MOSI
CC2530_MISO
VCC
CC2530_RESET
R17
2.7k
S1
Button
TEMP_ON
R23
2k
TEMP1_ADC
RT1
Thermistor
C26
100nF
P8
only footprint
REINIT_1
LED1_1
LED2_1
Red Green
LED1_1
LED2_1
D3
D4
REINIT_1
S2
Button
Title
Size
A2
Number
Revision
V 1.5
Date:
16.12.2014
Sheet of
File:
D:\repo\..\flap.SchDoc
Drawn By: