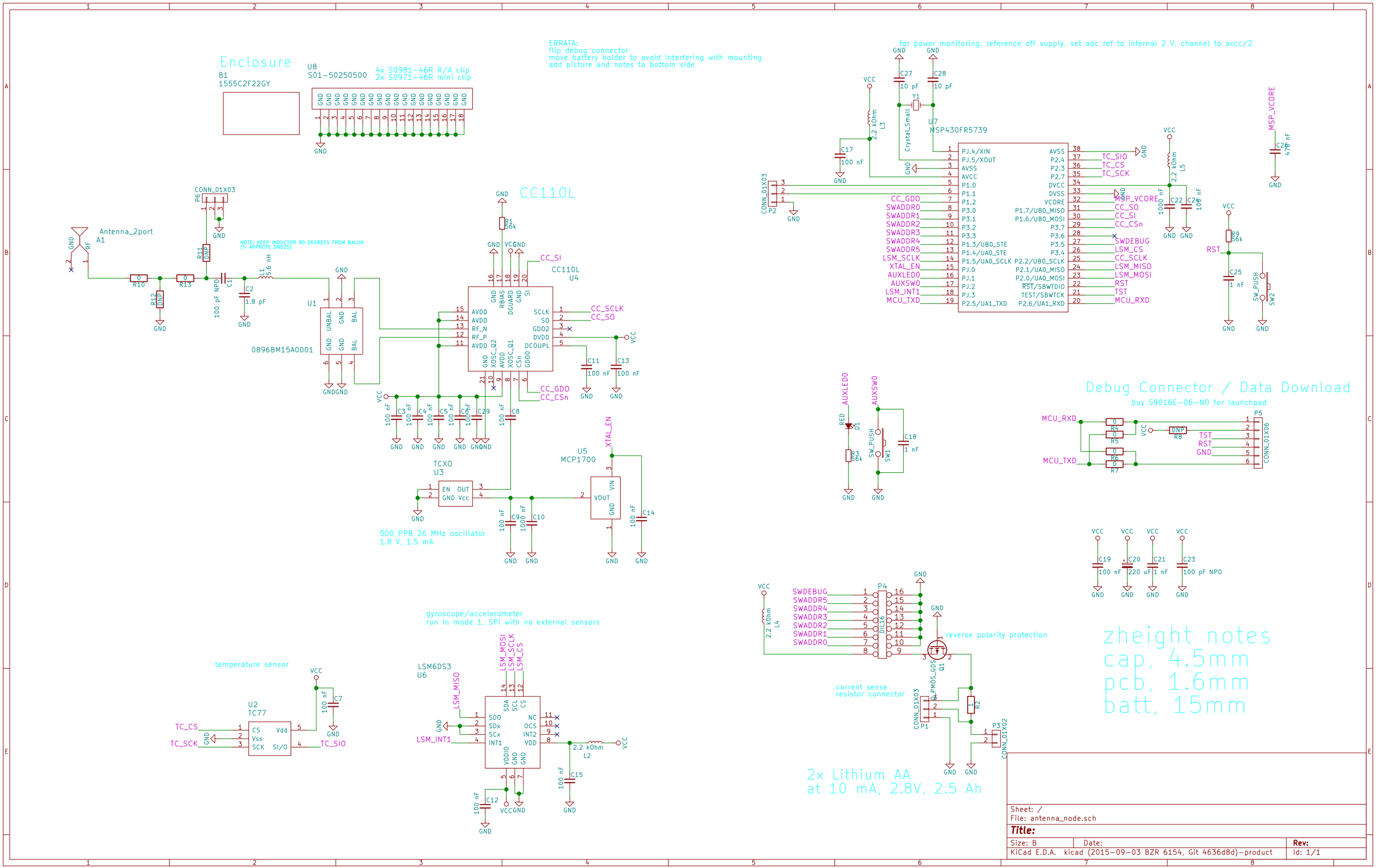
Enclosure
B1
1555C2F22GY
U8
S01-50250500
4x S0981-46R R/A clip
2x S0971-46R mini clip
ERRATA:
flip debug connector
move battery holder to avoid interfering with mounting
add picture and notes to bottom side
for power monitoring, reference off supply, set adc ref to internal 2 V, channel to avcc/2
U7
MSP430FR5739
Crystal_Small
CC110L
U4
U1
0896BM15A0001
Antenna_2port
A1
NOTE: KEEP INDUCTOR 90 DEGREES FROM BALUN
(TI APPNOTE DN025)
TCXO
U3
500 PPB 26 MHz oscillator
1.8 V, 1.5 mA
U5
MCP1700
Debug Connector / Data Download
buy S9016E-06-ND for launchpad
gyroscope/accelerometer
run in mode 1, SPI with no external sensors
LSM6DS3
U6
temperature sensor
U2
TC77
reverse polarity protection
current sense
resistor connector
2x Lithium AA
at 10 mA, 2.8V, 2.5 Ah
zheight notes
cap, 4.5mm
pcb, 1.6mm
batt, 15mm
Sheet: /
File: antenna_node.sch
Title:
Size: B
Date:
Rev:
KiCad E.D.A. kicad (2015-09-03 BZR 6154, Git 4636d8d)-product
Id: 1/1