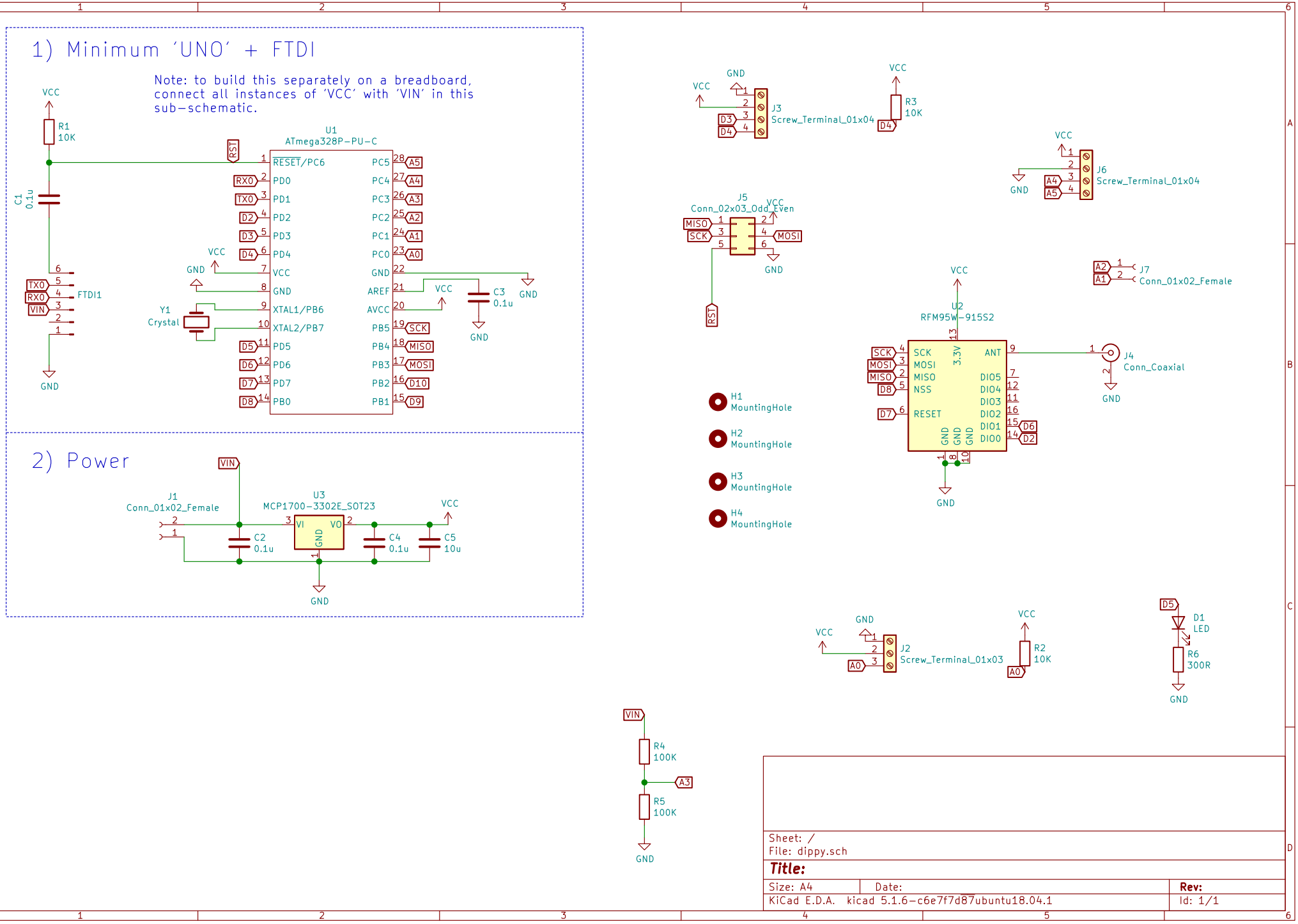
1) Minimum 'UNO' + FTDI
Note: to build this separately on a breadboard, connect all instances of 'VCC' with 'VIN' in this sub-schematic.
2) Power
U1
ATmega328P-PU-C
RESET/PC6
PD0
PD1
PD2
PD3
PD4
VCC
GND
XTAL1/PB6
XTAL2/PB7
PD5
PD6
PD7
PB0
PC5
PC4
PC3
PC2
PC1
PC0
GND
AREF
AVCC
PB5
PB4
PB3
PB2
PB1
R1
10K
C1
0.1u
FTDI1
Y1
Crystal
C3
0.1u
J1
Conn_01x02_Female
U3
MCP1700-3302E_SOT23
C2
0.1u
C4
0.1u
C5
10u
J3
Screw_Terminal_01x04
R3
10K
J5
Conn_02x03_Odd_Even
J6
Screw_Terminal_01x04
J7
Conn_01x02_Female
U2
RFM95W-915S2
J4
Conn_Coaxial
H1
MountingHole
H2
MountingHole
H3
MountingHole
H4
MountingHole
J2
Screw_Terminal_01x03
R2
10K
D1
LED
R6
300R
R4
100K
R5
100K
Sheet: /
File: dippy.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1
Id: 1/1