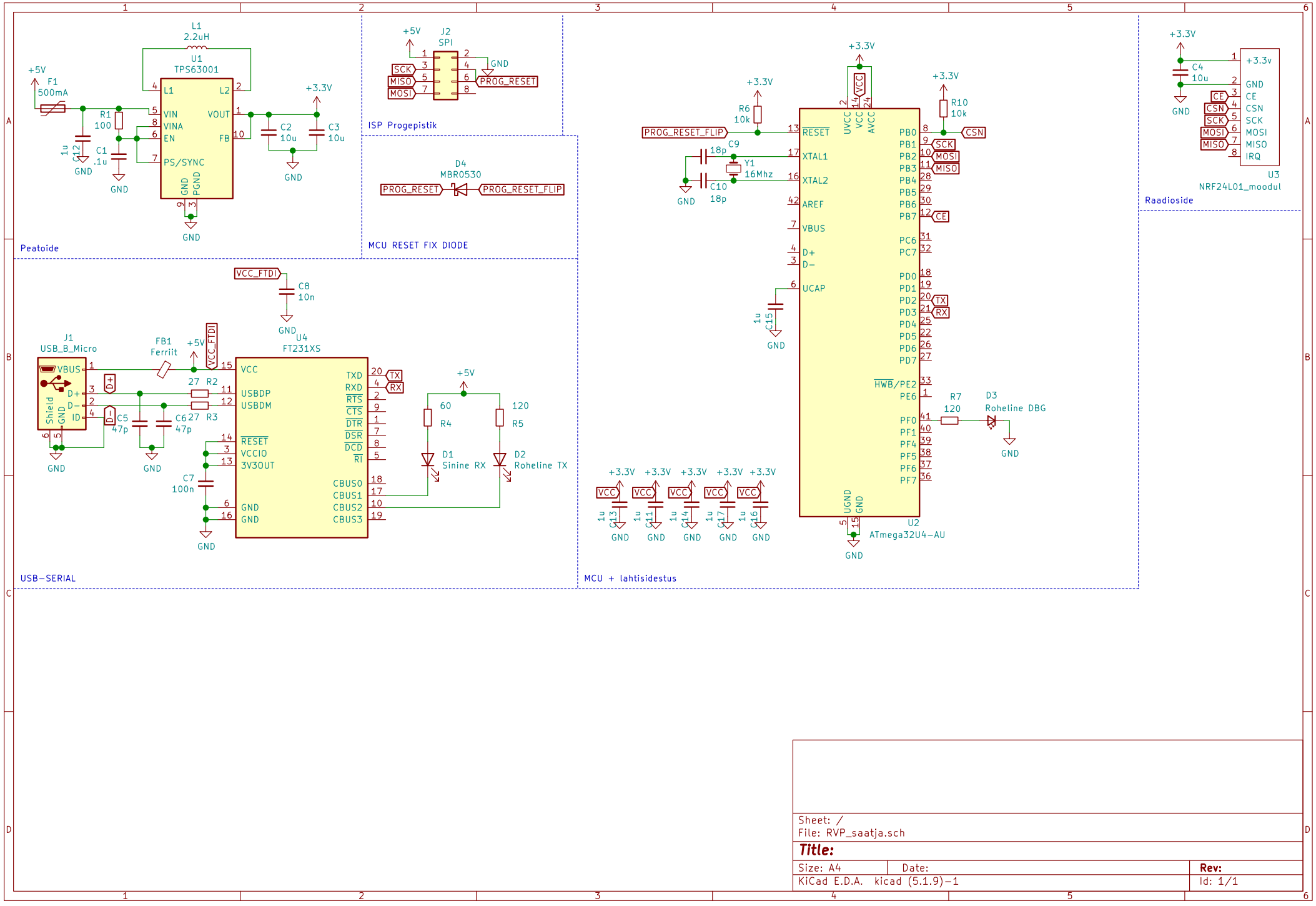
Peatoide
L1
2.2uH
U1
TPS63001
+5V
F1
500mA
R1
100
C1
.1u
C12
1u
GND
L1
L2
VIN
VINA
EN
PS/SYNC
VOUT
FB
GND
PGND
C2
10u
C3
10u
+3.3V
ISP Progepistik
J2
SPI
SCK
MISO
MOSI
PROG_RESET
MCU RESET FIX DIODE
D4
MBR0530
PROG_RESET
PROG_RESET_FLIP
USB-SERIAL
VCC_FTDI
C8
10n
J1
USB_B_Micro
VBUS
D+
D-
ID
Shield
GND
FB1
Ferriit
VCC_FTDI
U4
FT231XS
VCC
USBDP
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RESET
VCCIO
3V3OUT
GND
TXD
RXD
RTS
CTS
DTR
DSR
DCD
RI
CBUS0
CBUS1
CBUS2
CBUS3
R2
27
R3
27
C5
47p
C6
47p
C7
100n
60
R4
120
R5
D1
Sinine RX
D2
Roheline TX
TX
RX
MCU + lahtisidestus
R6
10k
PROG_RESET_FLIP
C9
18p
Y1
16Mhz
C10
18p
RESET
XTAL1
XTAL2
AREF
VBUS
D+
D-
UCAP
UVCC
VCC
AVCC
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PC6
PC7
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
HWB/PE2
PE6
PF0
PF1
PF4
PF5
PF6
PF7
UGND
GND
U2
ATmega32U4-AU
R10
10k
CSN
SCK
MOSI
MISO
CE
R7
120
D3
Roheline DBG
C15
1u
C13
C11
C14
C17
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+3.3v
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