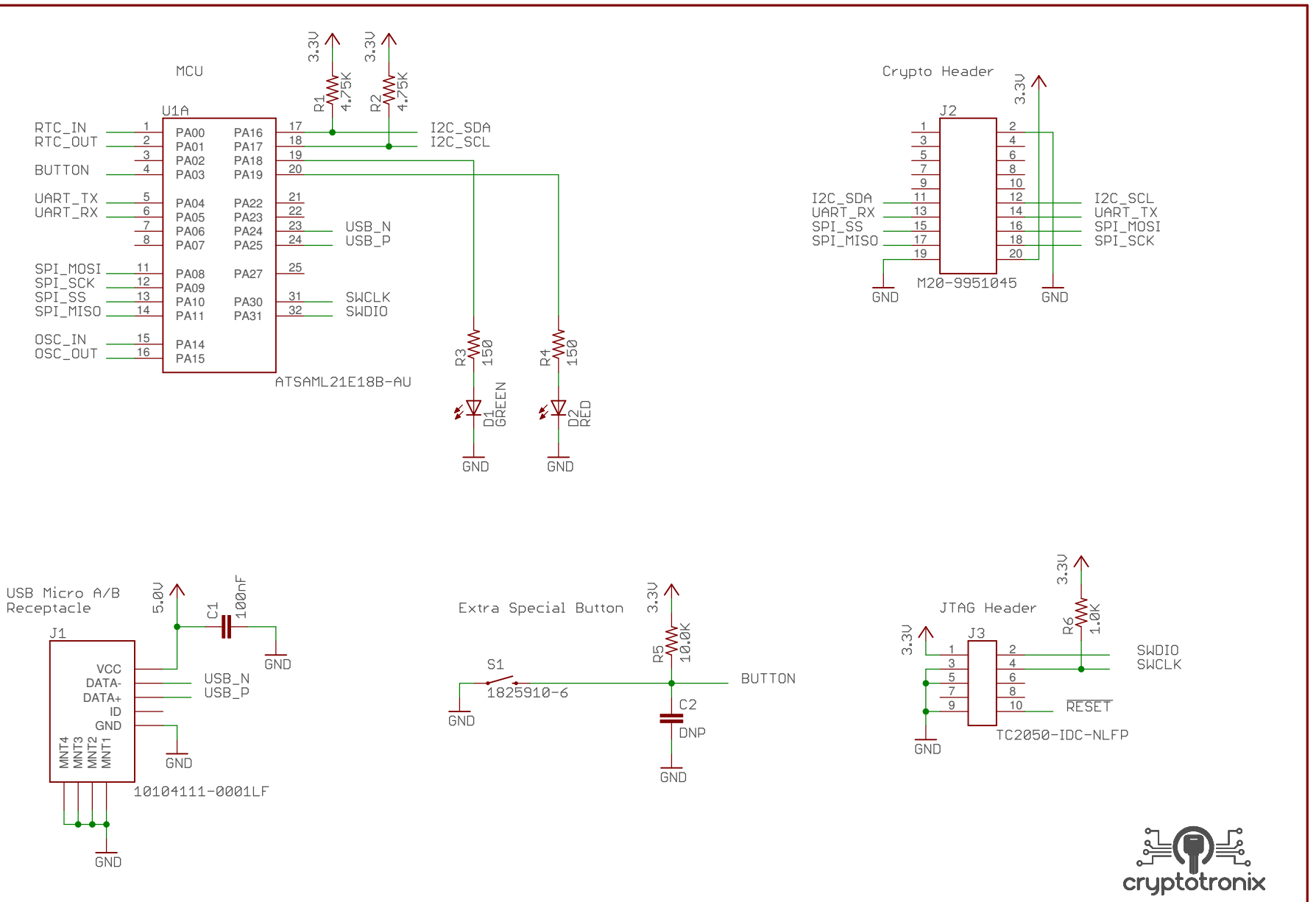
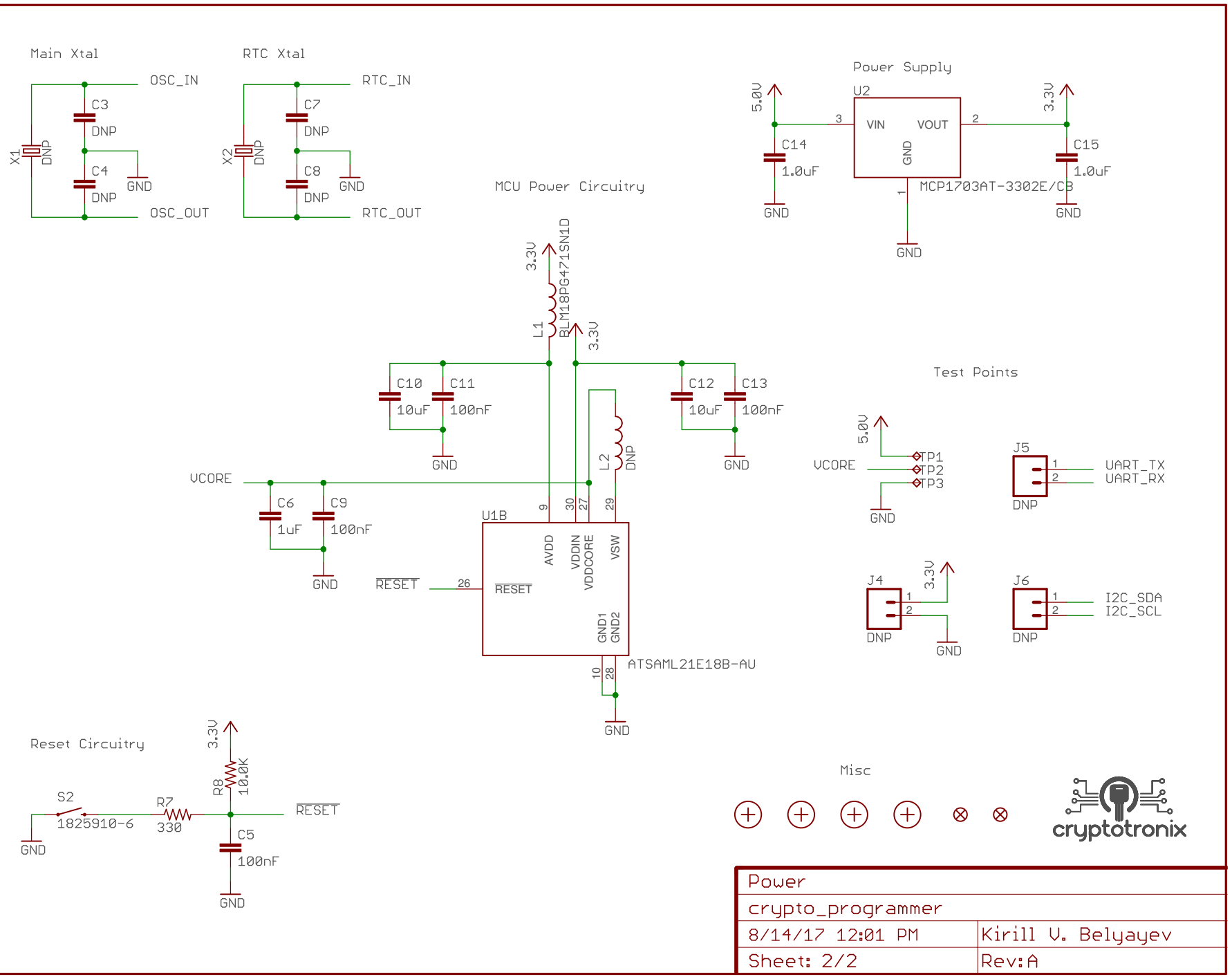

MCU
U1A
RTC_IN
RTC_OUT
BUTTON
UART_TX
UART_RX
SPI_MOSI
SPI_SCK
SPI_SS
SPI_MISO
OSC_IN
OSC_OUT
PA00
PA01
PA02
PA03
PA04
PA05
PA06
PA07
PA08
PA09
PA10
PA11
PA14
PA15
PA16
PA17
PA18
PA19
PA22
PA23
PA24
PA25
PA27
PA30
PA31
I2C_SDA
I2C_SCL
USB_N
USB_P
SWCLK
SWDIO
ATSAML21E18B-AU
3.3V
R1
4.75K
R2
4.75K
R3
150
R4
150
D1
GREEN
D2
RED
GND
Crypto Header
J2
M20-9951045
SPI_MISO
SPI_SS
UART_RX
SPI_SCK
SPI_MOSI
UART_TX
USB Micro A/B
Receptacle
J1
VCC
DATA-
DATA+
ID
GND
MNT4
MNT3
MNT2
MNT1
10104111-0001LF
5.0V
C1
100nF
Extra Special Button
S1
1825910-6
R5
10.0K
C2
DNP
BUTTON
JTAG Header
J3
R6
1.0K
RESET
TC2050-IDC-NLFP
cryptotronix
MCU Connections
crypto_programmer
8/14/17 12:01 PM
Kirill V. Belyayev
Sheet: 1/2
Rev:A



Power	
crypto_programmer	
8/14/17 12:01 PM	Kirill V. Belyayev
Sheet: 2/2	Rev:A