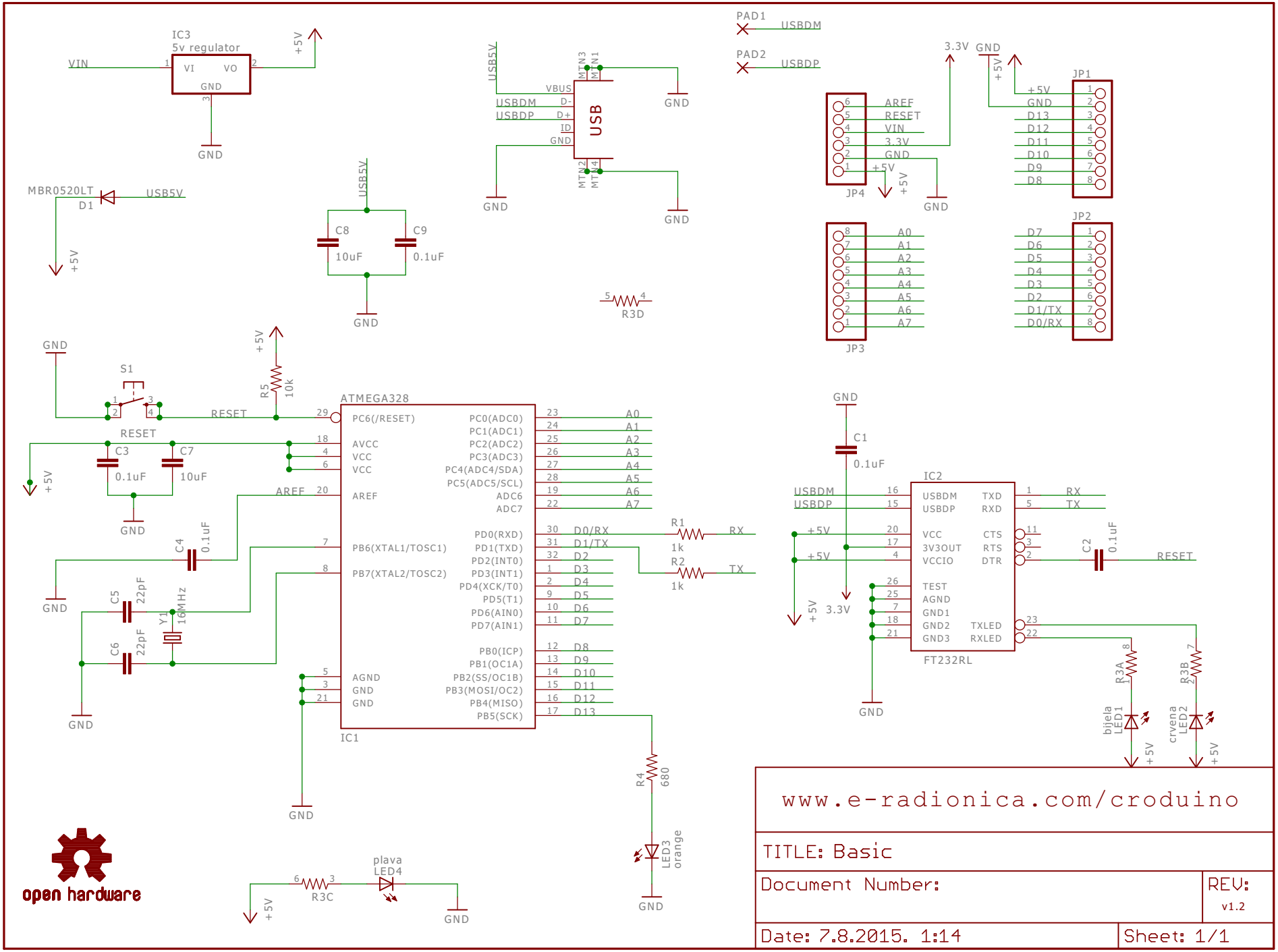
IC3
5v regulator
VIN
VI
VO
GND
+5V
MBR0520LT
D1
USB5V
C8
10uF
C9
0.1uF
USB
VBUS
USBDM
USBDP
D-
D+
ID
MTN1
MTN2
MTN3
MTN4
PAD1
PAD2
3.3V
JP1
JP2
JP3
JP4
AREF
RESET
VIN
A0
A1
A2
A3
A4
A5
A6
A7
D7
D6
D5
D4
D3
D2
D1/TX
D0/RX
R3D
S1
R5
10k
ATMEGA328
PC6(/RESET)
AVCC
VCC
AREF
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
AGND
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
ADC6
ADC7
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
IC1
C3
0.1uF
C7
10uF
C4
0.1uF
C5
22pF
C6
22pF
Y1
16MHz
R1
1k
R2
1k
RX
TX
R4
680
LED3
orange
plava
LED4
R3C
C1
0.1uF
IC2
USBDM
USBDP
VCC
3V3OUT
VCCIO
TEST
AGND
GND1
GND2
GND3
TXD
RXD
CTS
RTS
DTR
TXLED
RXLED
FT232RL
C2
0.1uF
R3A
R3B
bijela
LED1
crvena
LED2
open hardware
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TITLE: Basic
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