Fundamental Logic

VCC

+5V   VCC   +3V3
3 2 1
SJ1

VCC
C9
+
GND

VCC
JP1
VTG 2 1 MISO
RST 5 4 MOSI
GND 6 3 SCK
GND
AVR ISP

U$1
VBUS   P1   D1   +5V
D-   P2
D+   P3
GND   P4
GND
USB_CON-A_PCB

IC1
+5V
20 VCC   TXD   1 RXD
4   VCCIO   RXD   5 TXD
              RTS#
VCC 19 RESET# CTS# 11
              DTR# 2
27 OSCI   DSR# 9
28 OSCO   DCD# 10
C7   RI#   6
GND

3V3 17 3V30UT   CBUS0 23
              CBUS1 22
              CBUS2 13
15 USBDP   CBUS3 14
16 USBDM   CBUS4 12
C6
25 GND   TEST

              GND   26
              GND   7
              GND   18
              GND   21
GND
FT232RL   GND

VCC
R1
10K
RST

C1
29 PC6(/RESET)   PC0(ADC0) 23
              PC1(ADC1) 24
GND 21 AGND   PC2(ADC2) 25
C3   20 AREF   PC3(ADC3) 26
     18 AVCC   PC4(ADC4/SDA) 27
              PC5(ADC5/SCL) 28
VCC C4   ADC6 19
C5   7 PB6(XTAL1/TOSC1) ADC7 22
Q1
     8 PB7(XTAL2/TOSC2) PD0(RXD) 30
GND   PD1(TXD) 31
              PD2(INT0) 32
C2   3 GND   PD3(INT1) 1
     5 GND   PD4(XCK/T0) 2
     4 VCC   PD5(T1) 9
     6 VCC   PD6(AIN0) 10
VCC   PD7(AIN1) 11

              PB0(ICP) 12
              PB1(OC1A) 13
              PB2(SS/OC1B) 14
              PB3(MOSI/OC2) 15 MOSI
              PB4(MISO) 16 MISO
              PB5(SCK) 17 SCK
IC2
MEGA8-AI

JP2
23 1
24 2
25 3
26 4
27 5
28 6
19 7
22 8
JP3
30 1
31 2
32 3
1   4
2   5
9   6
10 7
11 8
JP4
12 1
13 2
14 3
15 4 MOSI
16 5 MISO
17 6 SCK

RXD R2
     1K   R4   LED1
TXD R3   1K   GND
     1K

VCC
JP6
VCC 1
+5V 2
+3V3 3
JP5
C8 RST 1
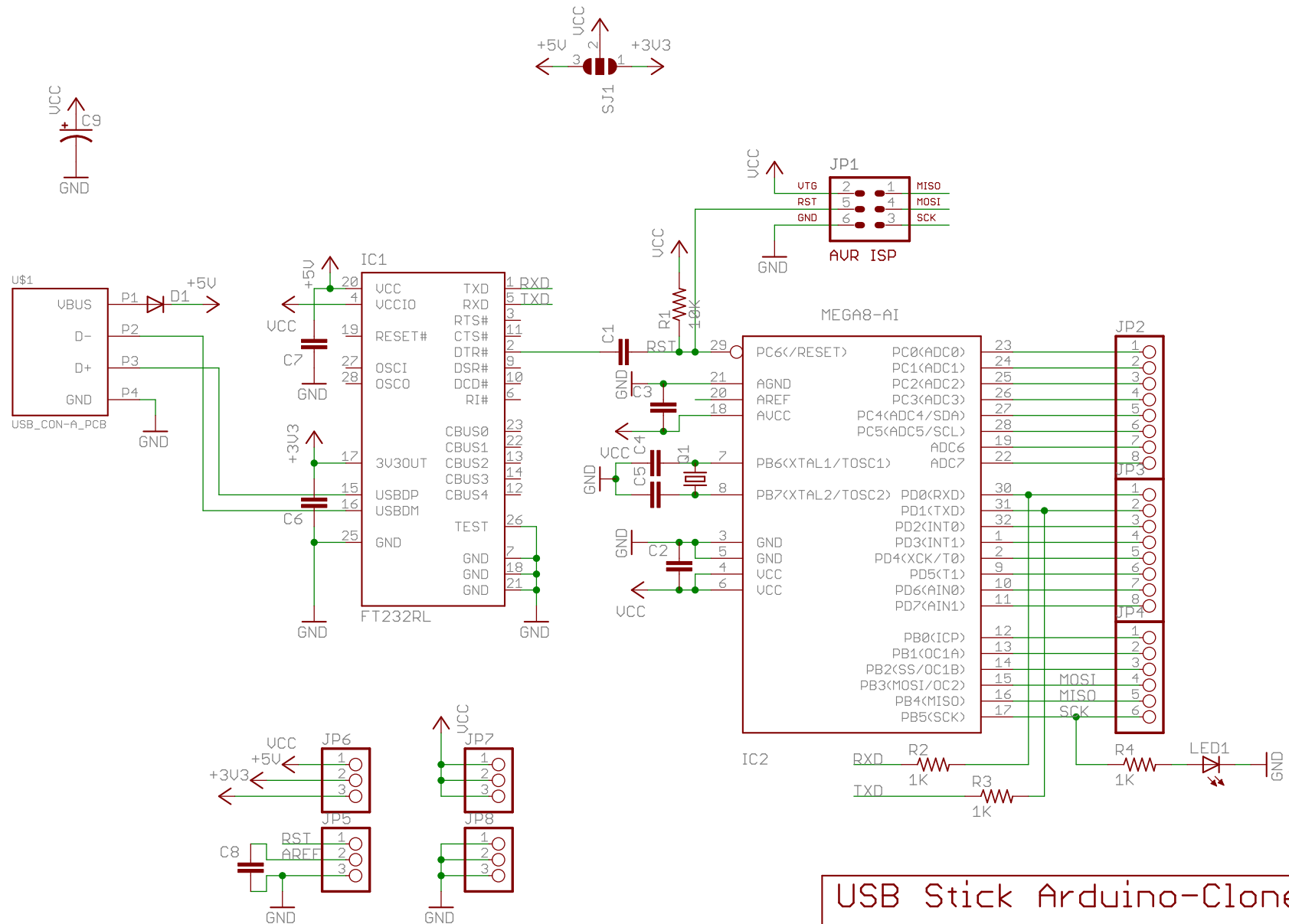   AREF 2
         3
GND

VCC
JP7
1
2
3
JP8
1
2
3
GND

USB Stick Arduino-Clone

TITLE: stickduino

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