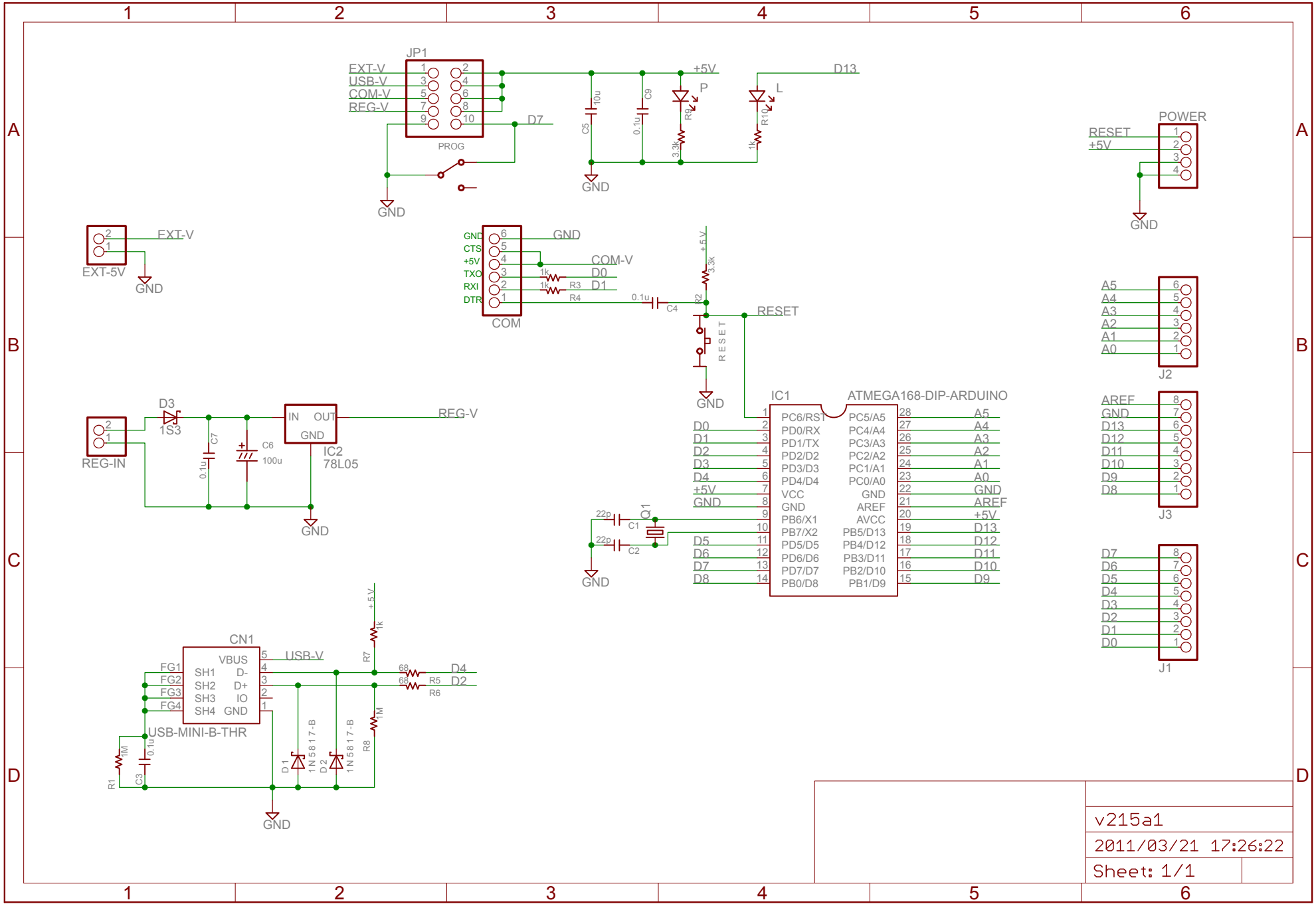
JP1
EXT-V
USB-V
COM-V
REG-V
PROG
D7
GND
C5 10u
C9 0.1u
+5V
P
R9 3.3k
D13
L
R10 1k
POWER
RESET
+5V
EXT-V
EXT-5V
COM
GND
COM-V
D0
D1
R3 1k
R4 1k
C4 0.1u
R2 3.3k
RESET
IC1
ATMEGA168-DIP-ARDUINO
PC6/RST
PD0/RX
PD1/TX
PD2/D2
PD3/D3
PD4/D4
VCC
GND
PB6/X1
PB7/X2
PD5/D5
PD6/D6
PD7/D7
PB0/D8
PC5/A5
PC4/A4
PC3/A3
PC2/A2
PC1/A1
PC0/A0
AREF
AVCC
PB5/D13
PB4/D12
PB3/D11
PB2/D10
PB1/D9
Q1
C1 22p
C2 22p
J2
J3
J1
D3 1S3
C7 0.1u
C6 100u
IN
OUT
IC2 78L05
REG-V
REG-IN
CN1
VBUS
SH1 D-
SH2 D+
SH3 IO
SH4 GND
FG1
FG2
FG3
FG4
USB-MINI-B-THR
USB-V
R7 1k
R5 68
R6 68
R8 1M
R1 1M
C3 0.1u
D1 1N5817-B
D2 1N5817-B
v215a1
2011/03/21 17:26:22
Sheet: 1/1