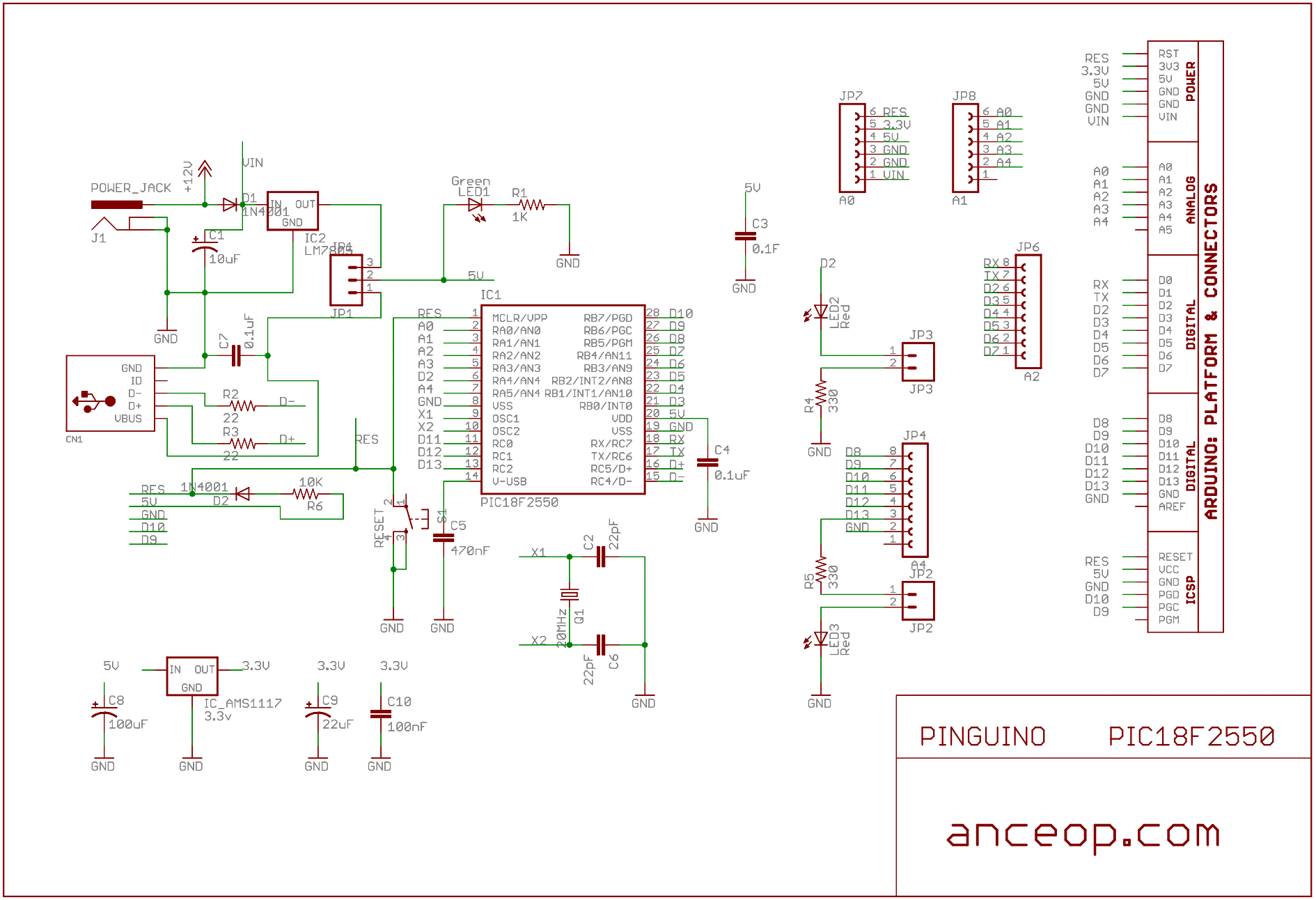
POWER_JACK
J1
+12V
VIN
D1
1N4001
IC2
LM7805
IN OUT
GND
C1
10uF
JP4
JP1
Green
LED1
R1
1K
5V
GND
C3
0.1F
IC1
MCLR/VPP
RA0/AN0
RA1/AN1
RA2/AN2
RA3/AN3
RA4/AN4
RA5/AN4
VSS
OSC1
OSC2
RC0
RC1
RC2
V-USB
RB7/PGD
RB6/PGC
RB5/PGM
RB4/AN11
RB3/AN9
RB2/INT2/AN8
RB1/INT1/AN10
RB0/INT0
VDD
VSS
RX/RC7
TX/RC6
RC5/D+
RC4/D-
PIC18F2550
C4
0.1uF
C7
0.1uF
CN1
GND
ID
D-
D+
VBUS
R2
22
R3
22
D-
D+
RES
1N4001
D2
10K
R6
S1
RESET
C5
470nF
X1
X2
20MHz
Q1
C2
22pF
C6
22pF
JP7
JP8
A0
A1
JP6
A2
D2
LED2
Red
JP3
R4
330
JP4
R5
330
JP2
A4
LED3
Red
C8
100uF
IC_AMS1117
3.3v
3.3V
C9
22uF
C10
100nF
POWER
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