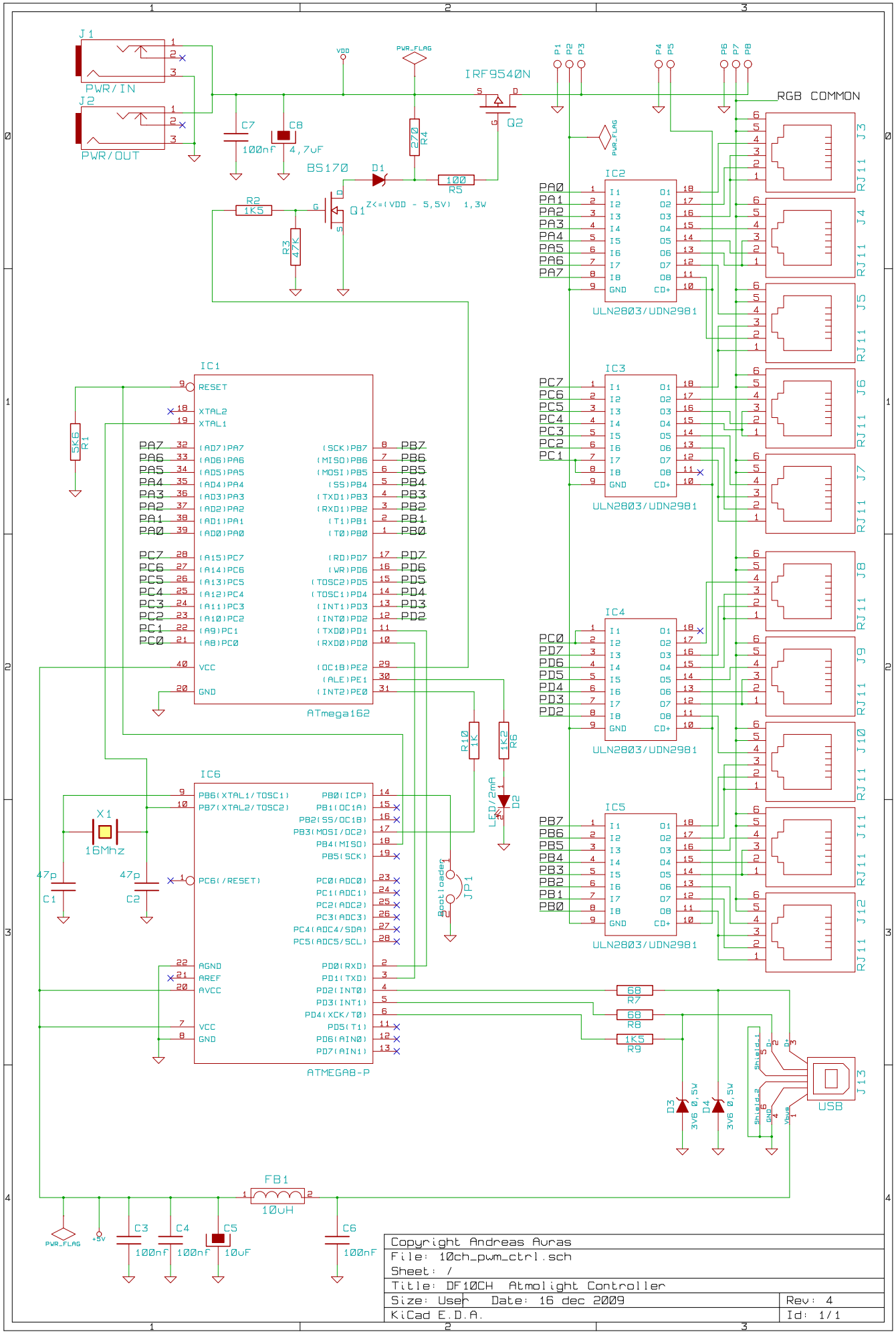
J1
PWR/IN
J2
PWR/OUT
VDD
PWR_FLAG
IRF9540N
Q2
C7
100nF
C8
4,7uF
270
R4
BS170
D1
100
R5
R2
1K5
Q1
Z<=(VDD - 5,5V) 1,3W
R3
47K
P1
P2
P3
P4
P5
P6
P7
P8
RGB COMMON
IC2
IC3
IC4
IC5
ULN2803/UDN2981
J3
J4
J5
J6
J7
J8
J9
J10
J11
J12
RJ11
IC1
RESET
XTAL2
XTAL1
5K6
R1
ATmega162
IC6
ATMEGA8-P
X1
16Mhz
47p
C1
C2
Bootloader
JP1
R10
1K
1K2
R6
LED/2mA
D2
68
R7
68
R8
1K5
R9
D3
3V6 0,5W
D4
3V6 0,5W
USB
J13
FB1
10uH
C3
100nF
C4
100nF
C5
10uF
C6
100nF
+5V
Copyright Andreas Auras
File: 10ch_pwm_ctrl.sch
Sheet: /
Title: DF10CH Atmolight Controller
Size: User Date: 16 dec 2009
Rev: 4
KiCad E.D.A.
Id: 1/1