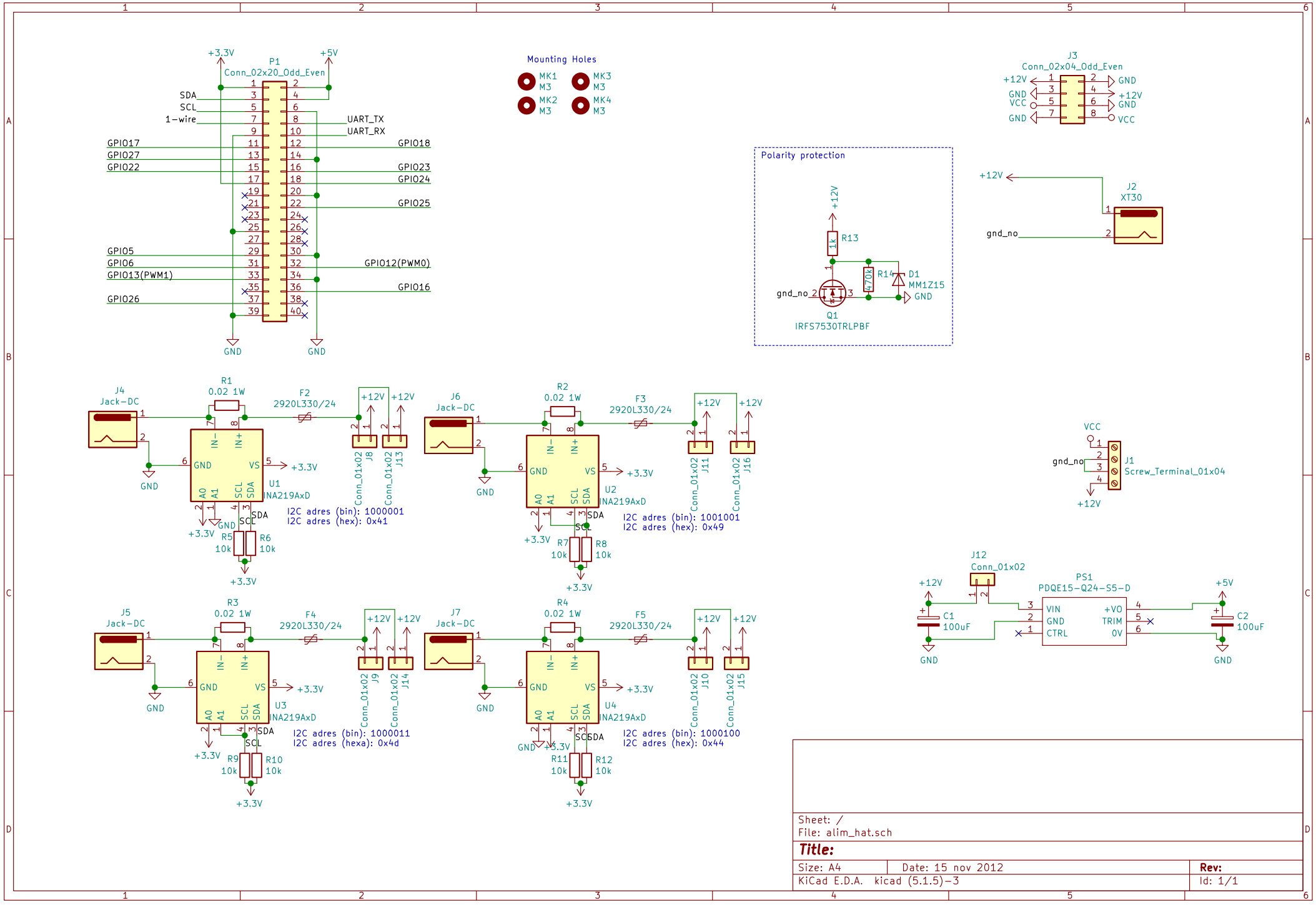
P1
Conn_02x20_Odd_Even
+3.3V
+5V
SDA
SCL
1-wire
UART_TX
UART_RX
GPIO17
GPIO27
GPIO22
GPIO18
GPIO23
GPIO24
GPIO25
GPIO5
GPIO6
GPIO13(PWM1)
GPIO12(PWM0)
GPIO16
GPIO26
GND
Mounting Holes
MK1 M3
MK2 M3
MK3 M3
MK4 M3
J3
Conn_02x04_Odd_Even
+12V
GND
VCC
Polarity protection
R13
1k
R14
470k
D1
MM1Z15
Q1
IRFS7530TRLPBF
gnd_no
J2
XT30
J4
Jack-DC
R1
0.02 1W
F2
2920L330/24
U1
INA219AxD
I2C adres (bin): 1000001
I2C adres (hex): 0x41
R5
10k
R6
10k
J6
R2
0.02 1W
F3
2920L330/24
U2
INA219AxD
I2C adres (bin): 1001001
I2C adres (hex): 0x49
R7
10k
R8
10k
J1
Screw_Terminal_01x04
J5
R3
0.02 1W
F4
2920L330/24
U3
INA219AxD
I2C adres (bin): 1000011
I2C adres (hexa): 0x4d
R9
10k
R10
10k
J7
R4
0.02 1W
F5
2920L330/24
U4
INA219AxD
I2C adres (bin): 1000100
I2C adres (hex): 0x44
R11
10k
R12
10k
J12
Conn_01x02
PS1
PDQE15-Q24-S5-D
VIN
GND
CTRL
+VO
TRIM
0V
C1
100uF
C2
100uF
Sheet: /
File: alim_hat.sch
Title:
Size: A4
Date: 15 nov 2012
Rev:
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/1