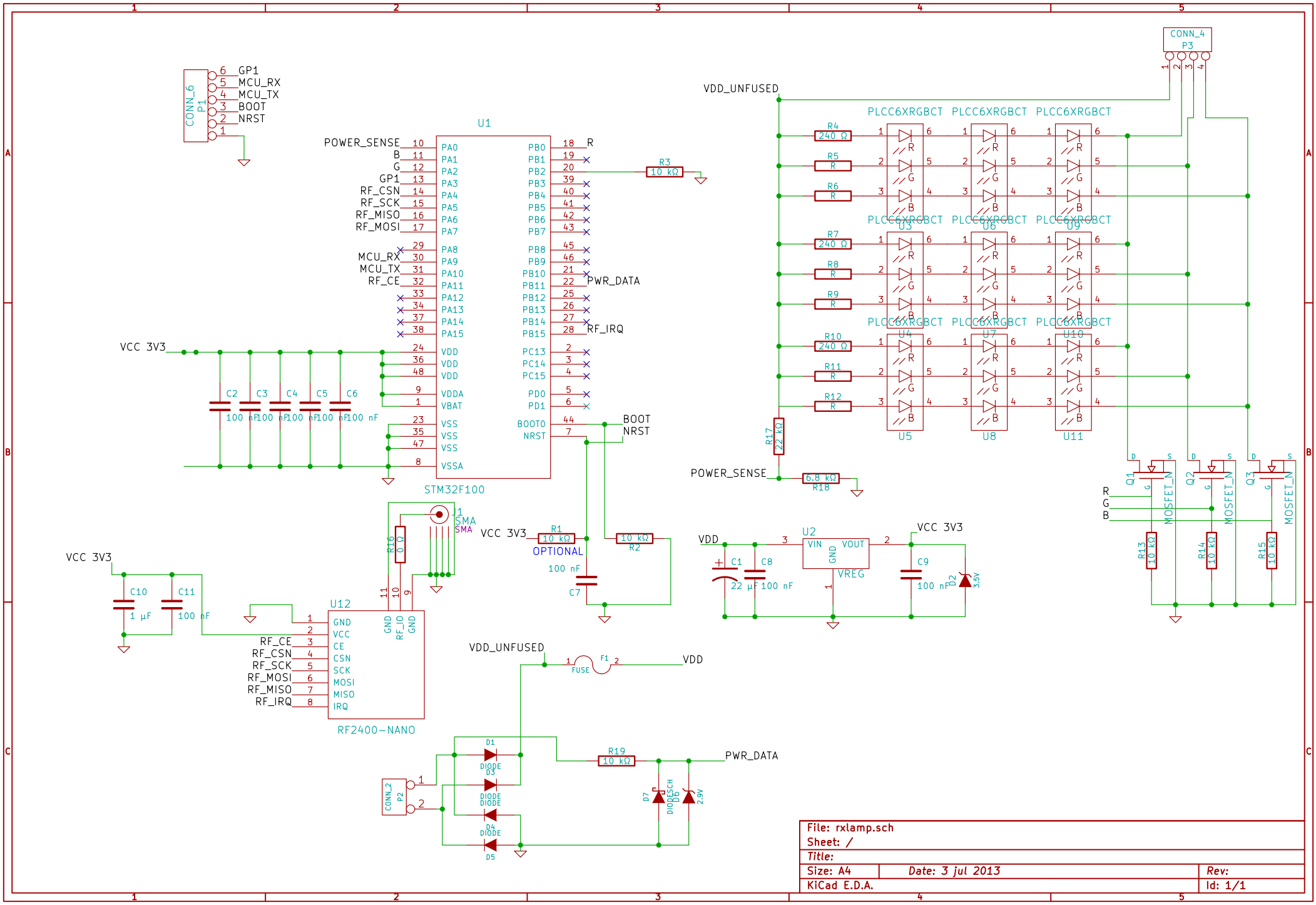
CONN_6
P1
GP1
MCU_RX
MCU_TX
BOOT
NRST
U1
STM32F100
POWER_SENSE
B
G
GP1
RF_CSN
RF_SCK
RF_MISO
RF_MOSI
MCU_RX
MCU_TX
RF_CE
PWR_DATA
RF_IRQ
R
BOOT
NRST
R3
10 kΩ
VCC 3V3
C2
C3
C4
C5
C6
100 nF
VDD_UNFUSED
CONN_4
P3
PLCC6XRGBCT
R4
R5
R6
R7
R8
R9
R10
R11
R12
240 Ω
R
U3
U6
U9
U4
U7
U10
U5
U8
U11
R17
22 kΩ
POWER_SENSE
6.8 kΩ
R18
Q1
Q2
Q3
MOSFET_N
R13
R14
R15
10 kΩ
J1
SMA
R16
0 Ω
VCC 3V3
R1
10 kΩ
OPTIONAL
100 nF
C7
R2
10 kΩ
VDD
U2
VIN
VOUT
GND
VREG
C1
22 µF
C8
100 nF
C9
100 nF
D2
3.5V
C10
1 µF
C11
100 nF
U12
RF2400-NANO
GND
VCC
CE
CSN
SCK
MOSI
MISO
IRQ
RF_IO
RF_CE
RF_CSN
RF_SCK
RF_MOSI
RF_MISO
RF_IRQ
VDD_UNFUSED
F1
FUSE
VDD
D1
D3
D4
D5
DIODE
CONN_2
P2
R19
10 kΩ
PWR_DATA
D7
D6
DIODESCH
2.9V
File: rxlamp.sch
Sheet: /
Title:
Size: A4
Date: 3 jul 2013
Rev:
KiCad E.D.A.
Id: 1/1