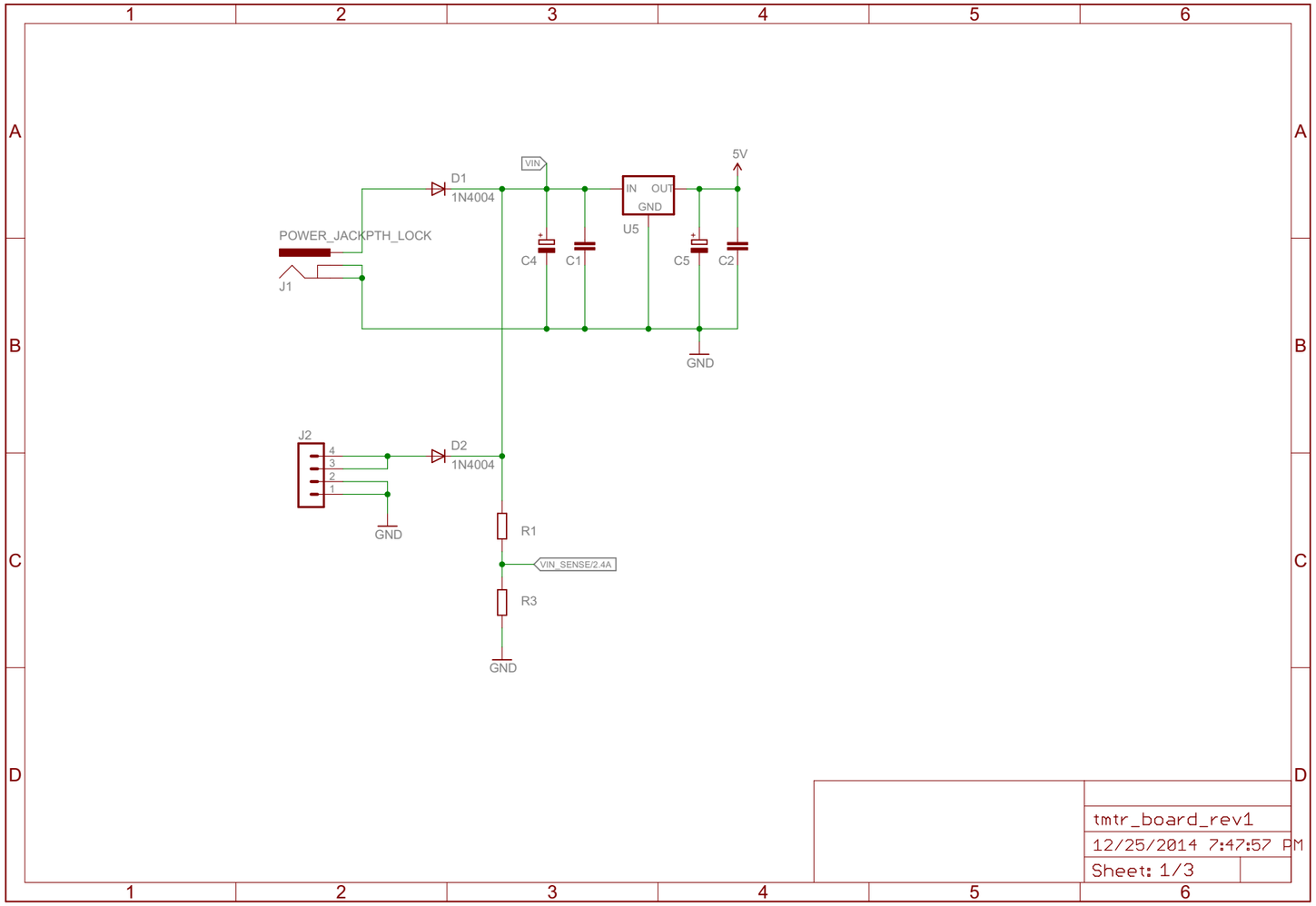
D1
1N4004
VIN
5V
IN
OUT
GND
U5
POWER_JACKPTH_LOCK
J1
C4
C1
C5
C2
GND
J2
4
3
2
1
D2
1N4004
GND
R1
VIN_SENSE/2.4A
R3
GND
tmtr_board_rev1
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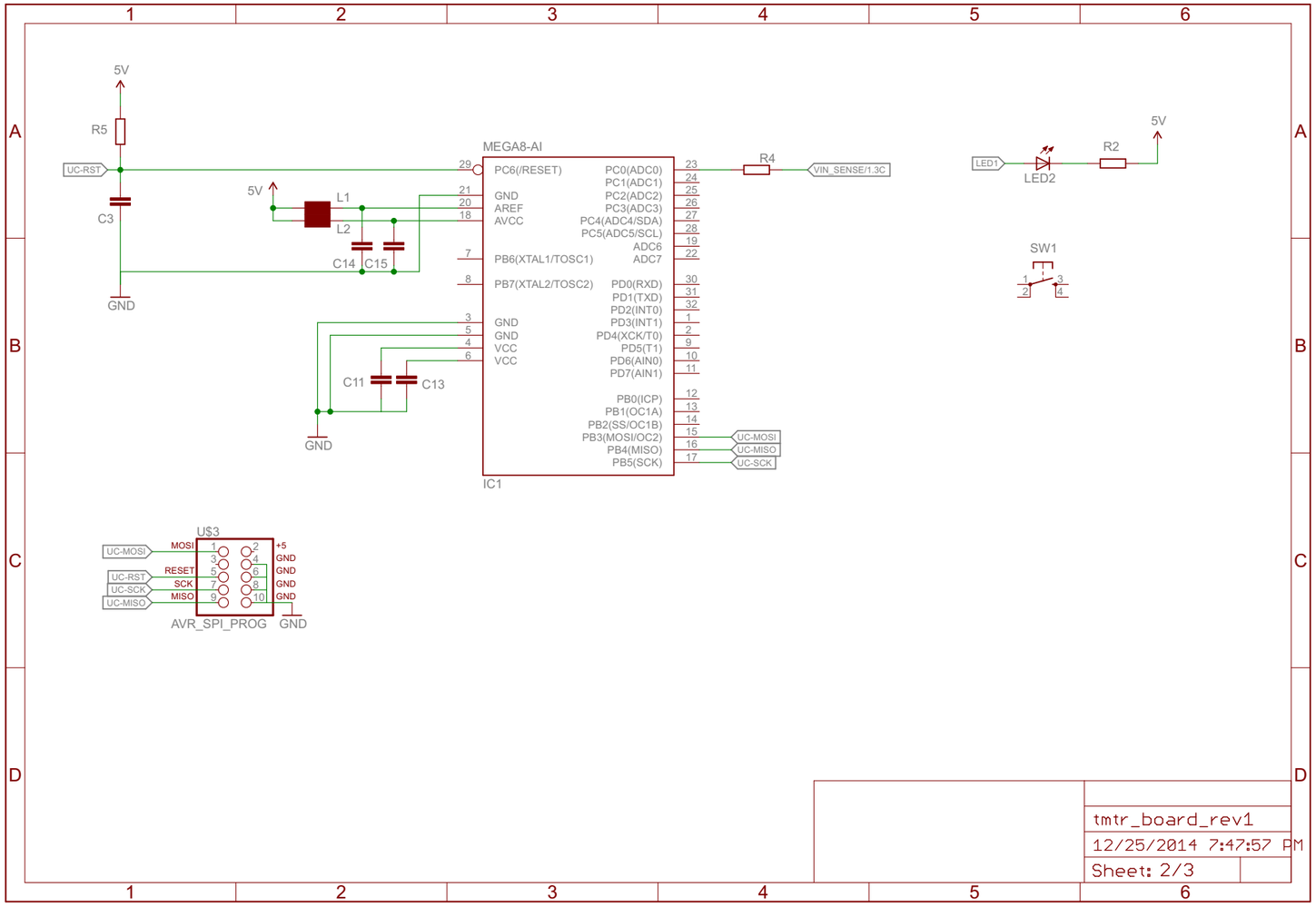
5V
R5
UC-RST
C3
GND
5V
L1
L2
C14
C15
MEGA8-AI
PC6(/RESET)
GND
AREF
AVCC
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
GND
GND
VCC
VCC
C11
C13
GND
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
ADC6
ADC7
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
IC1
R4
VIN_SENSE/1.3C
UC-MOSI
UC-MISO
UC-SCK
LED1
LED2
R2
5V
SW1
U$3
UC-MOSI
UC-RST
UC-SCK
UC-MISO
MOSI
RESET
SCK
MISO
+5
GND
GND
GND
GND
AVR_SPI_PROG
GND
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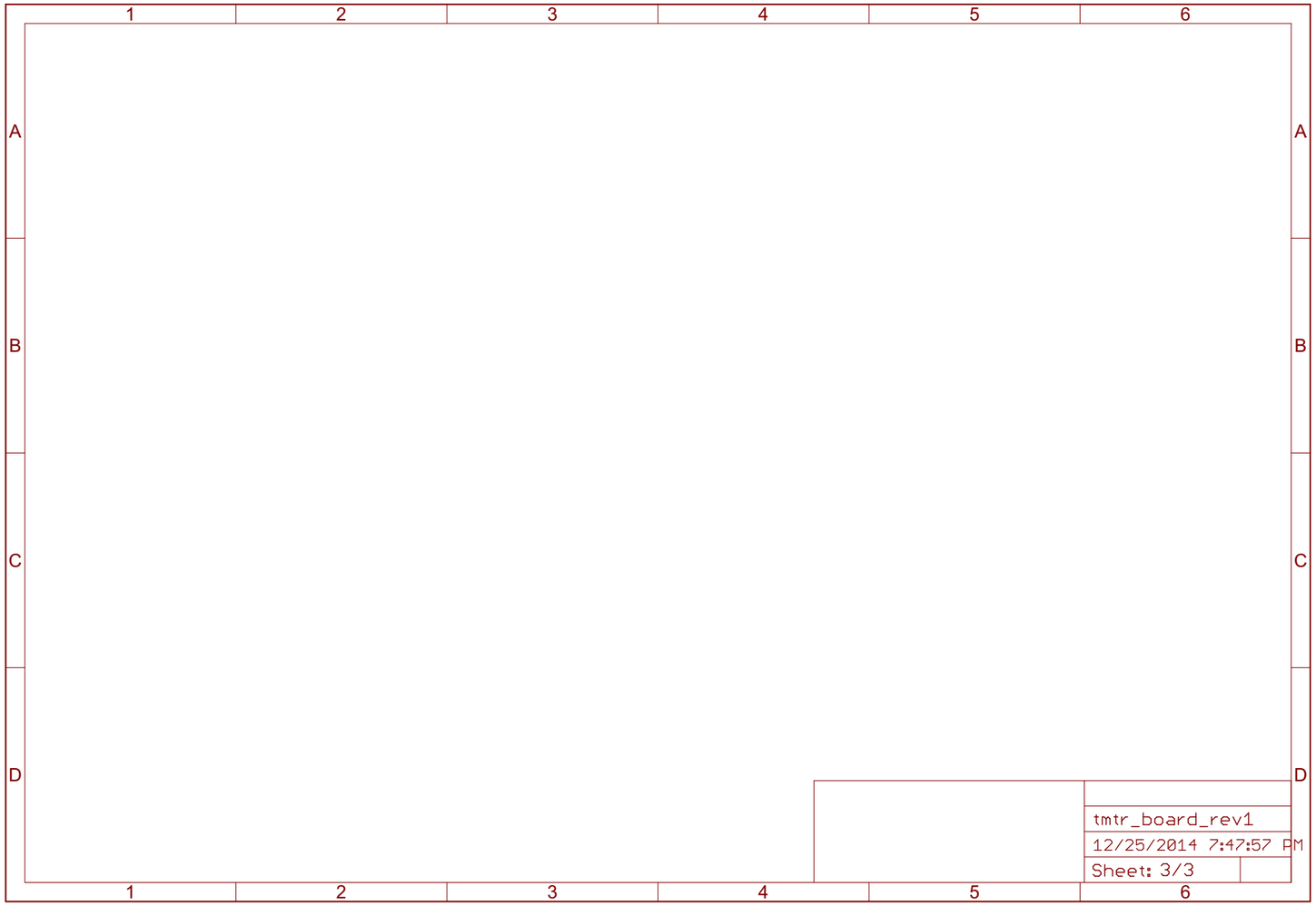
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