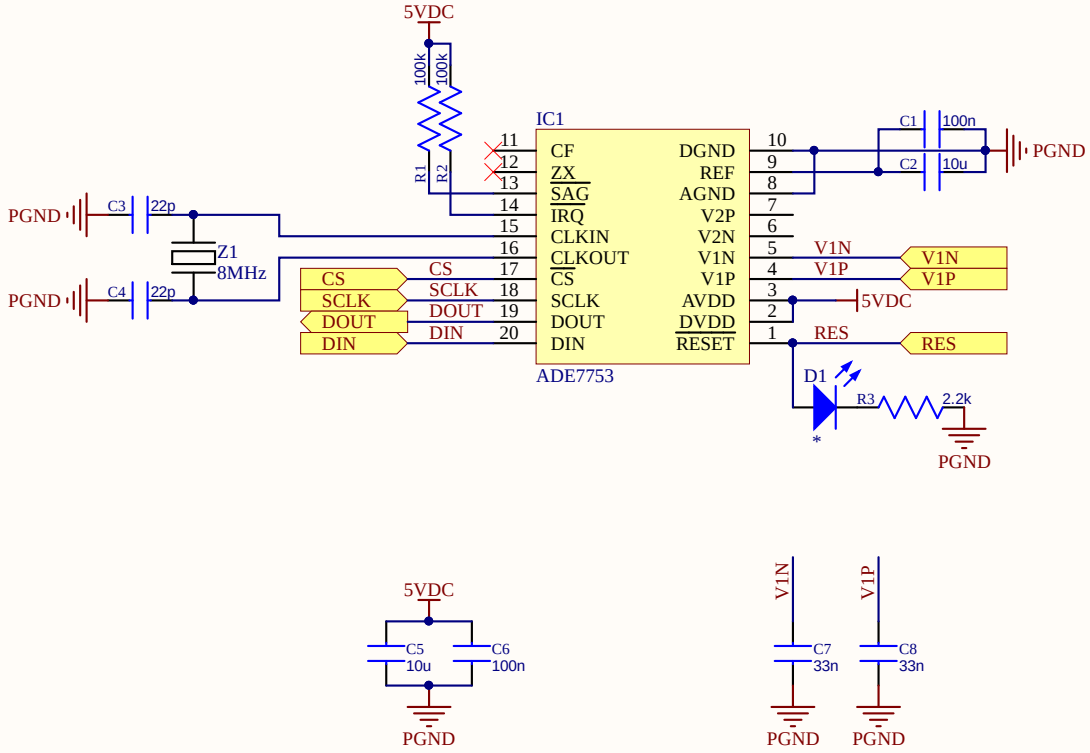

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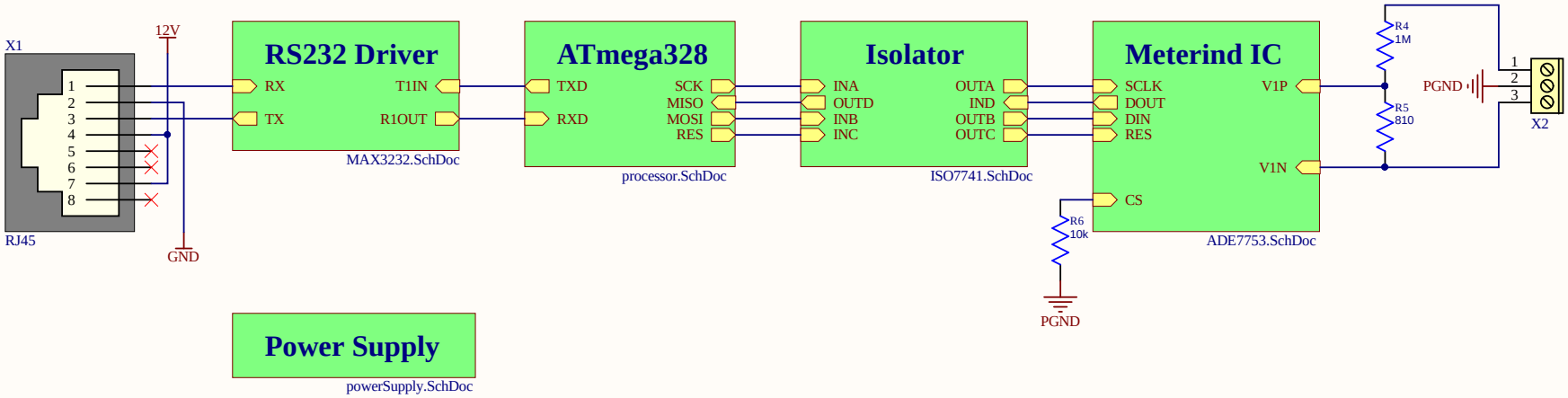

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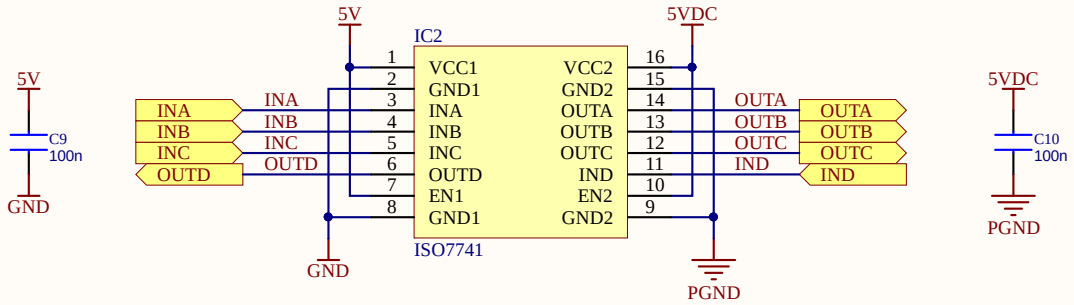

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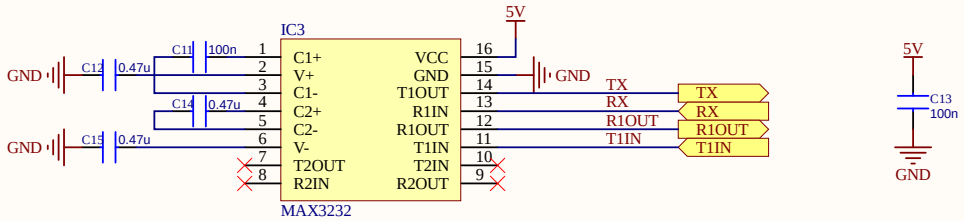

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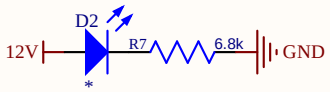

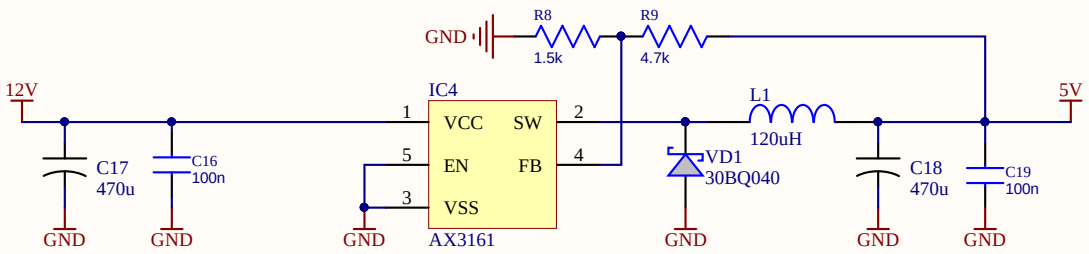

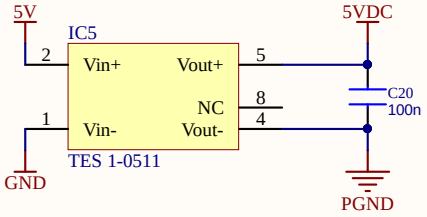

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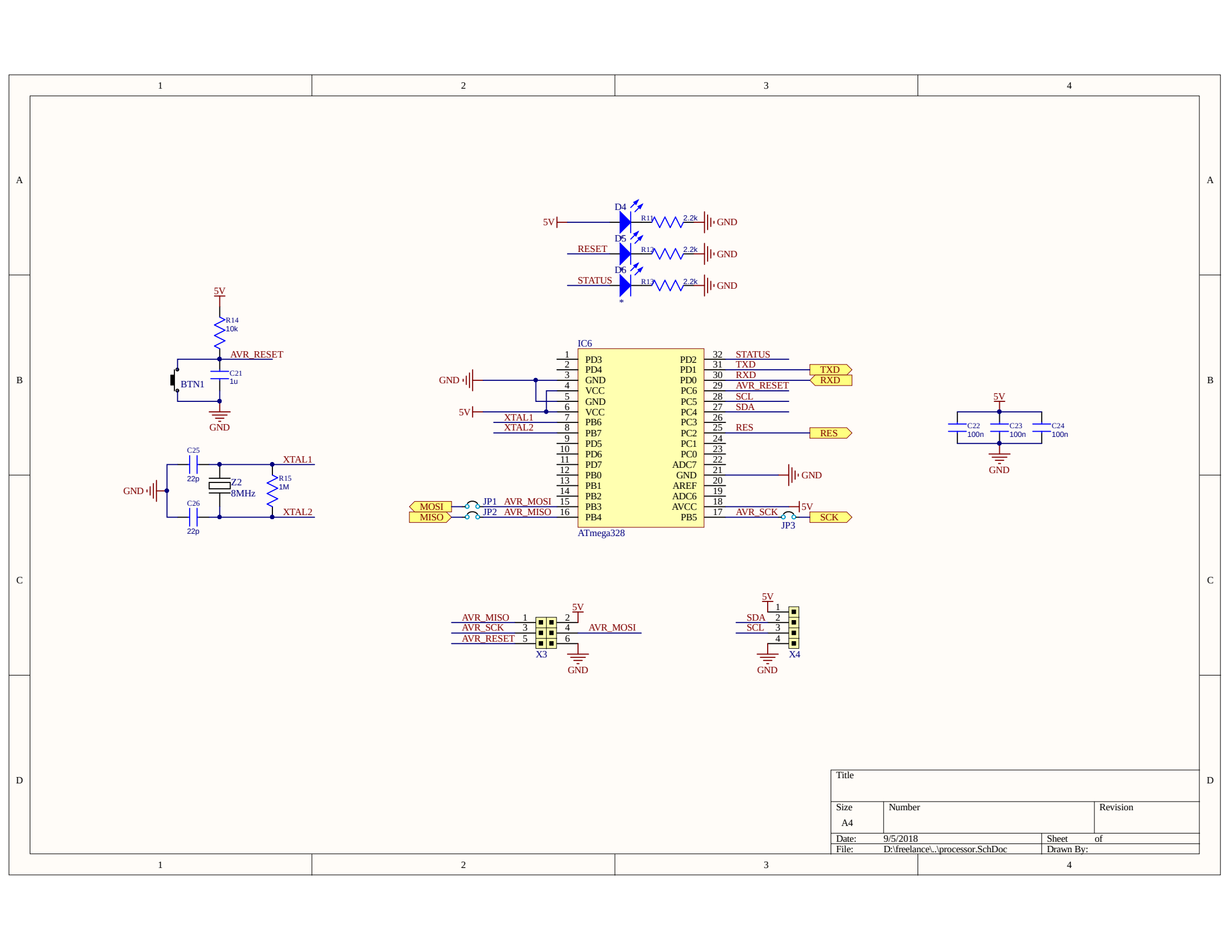
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2
3
4
A
B
C
D
5V
D4
R11
2.2k
GND
RESET
D5
R12
2.2k
GND
STATUS
D6
R13
2.2k
GND
*
5V
R14
10k
AVR_RESET
C21
1u
BTN1
GND
IC6
GND
5V
XTAL1
XTAL2
MOSI
MISO
JP1 AVR_MOSI
JP2 AVR_MISO
1 PD3
2 PD4
3 GND
4 VCC
5 GND
6 VCC
7 PB6
8 PB7
9 PD5
10 PD6
11 PD7
12 PB0
13 PB1
14 PB2
15 PB3
16 PB4
32 PD2 STATUS
31 PD1 TXD
30 PD0 RXD
29 PC6 AVR_RESET
28 PC5 SCL
27 PC4 SDA
26 PC3
25 PC2 RES
24 PC1
23 PC0
22 ADC7
21 GND
20 AREF
19 ADC6
18 AVCC
17 PB5 AVR_SCK
TXD
RXD
RES
GND
5V
SCK
JP3
ATmega328
5V
C22
100n
C23
100n
C24
100n
GND
C25
22p
Z2
8MHz
R15
1M
C26
22p
XTAL1
XTAL2
GND
AVR_MISO 1
AVR_SCK 3
AVR_RESET 5
2 5V
4 AVR_MOSI
6
X3
GND
5V
1
SDA 2
SCL 3
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X4
GND
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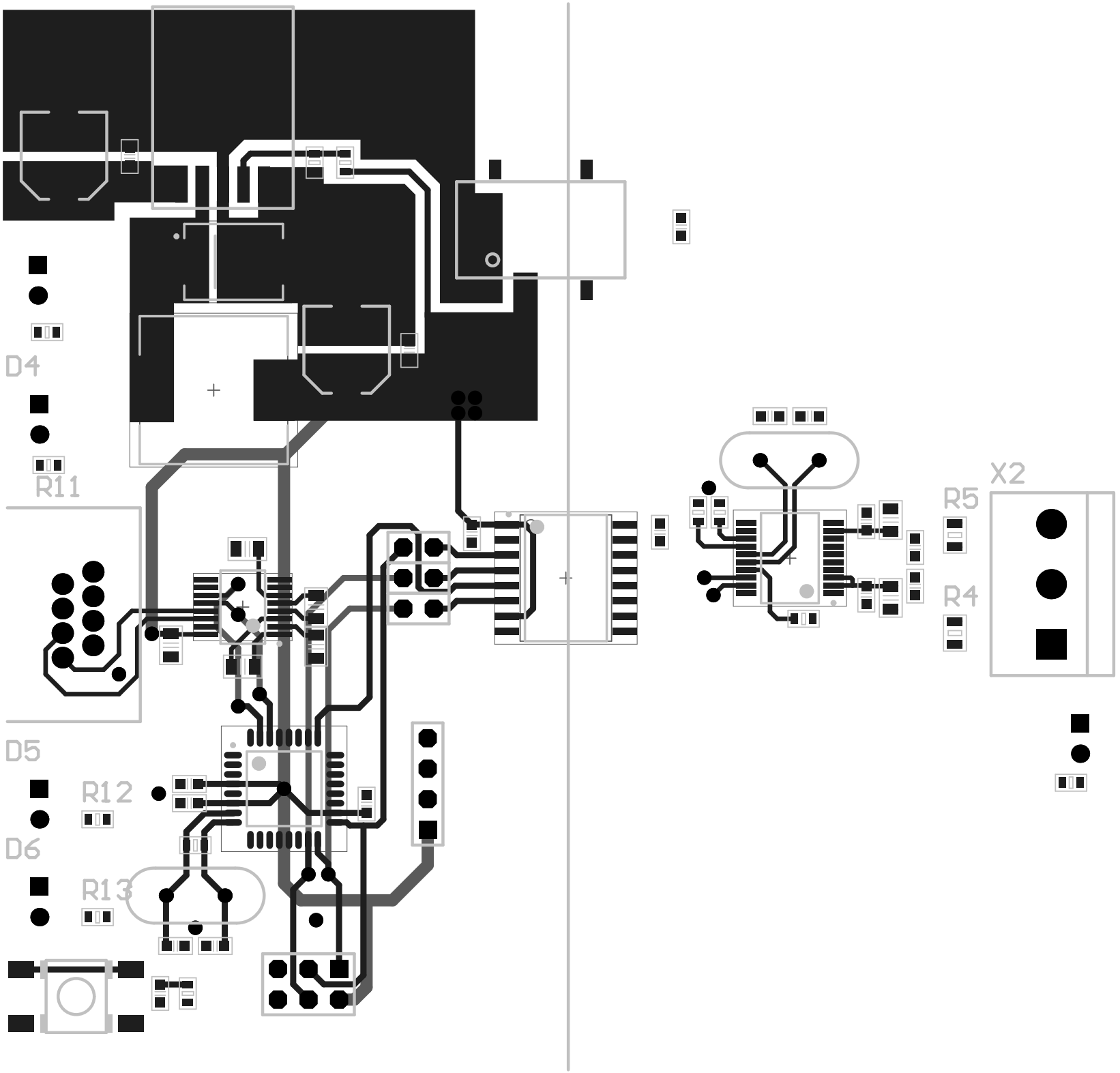
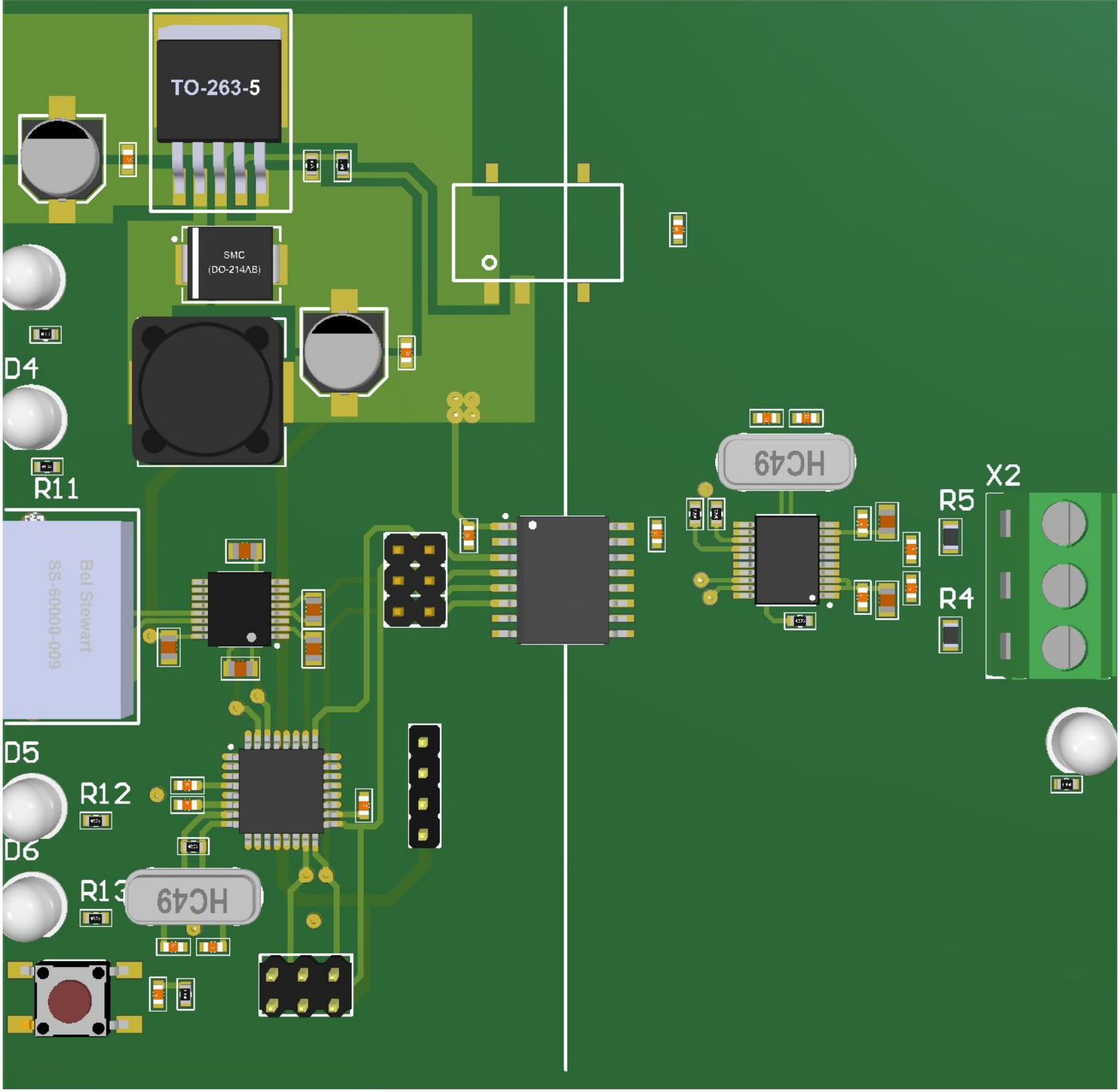

D4
R11
D5
R12
D6
R13
R5
R4
X2

Board S


TO-263-5
SMC
(DO-214AB)
D4
R11
Bel Stewart
SS-60000-009
D5
R12
D6
R13
HC49
HC49
R5
R4
X2