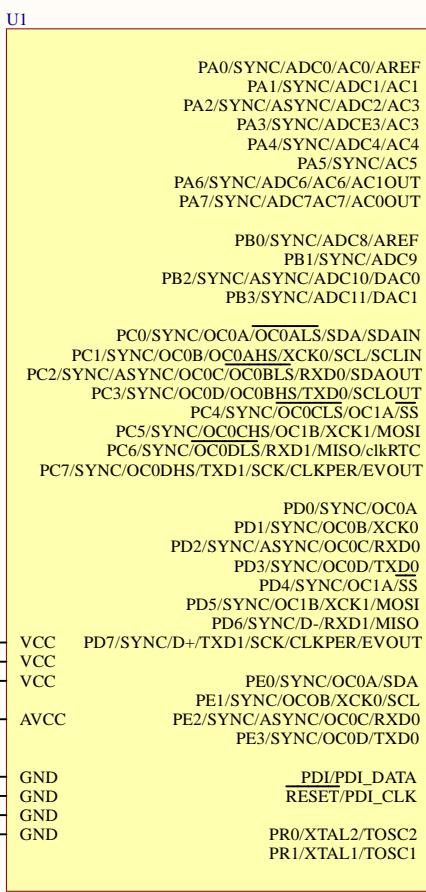


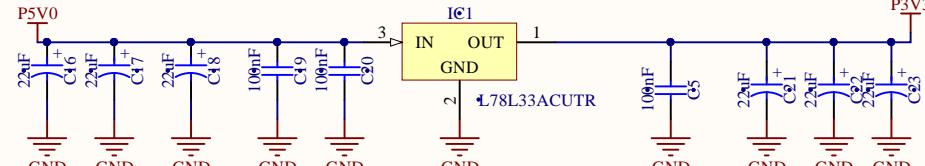
A



1

P3V3  
P3V3  
C12  
10nF  
GND

P3V3  
P3V3  
C12  
10nF  
GND



P5V0  
C16  
C17  
C18  
C19  
C20

IN\_P IN\_N

J\_GSB VBUS -D +D ID GND

PRTR5A/012X D\_N D\_P

GND

P3V3 P3V3 P3V3 P3V3

R1 R2 R3 R4 R5 R6 R7 R8

D1 D2 D3 D4 D5 D6 D7 D8

LD1A LD1B LD1G LD1D

LD2A LD2B LD2G LD2D

Q1 16MHz

IN\_P1 IN\_N1 IN\_P2 IN\_N2 IN\_P3 IN\_N3 IN\_P4 IN\_N4 IN\_P5 IN\_N5 IN\_P6 IN\_N6 IN\_P7 IN\_N7 IN\_P8 IN\_N8

BOT J1A J1B TOP J2A J2B BOT J3A J3B TOP J4A J4B BOT J5A J5B TOP J6A J6B BOT J7A J7B TOP J8A J8B

SW1 HEX C1 C2

### Title Master\_circuit

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Date: 17.01.2018		Sheet of
File: D:\Documents\..\Master.SchDoc		Drawn By:

B

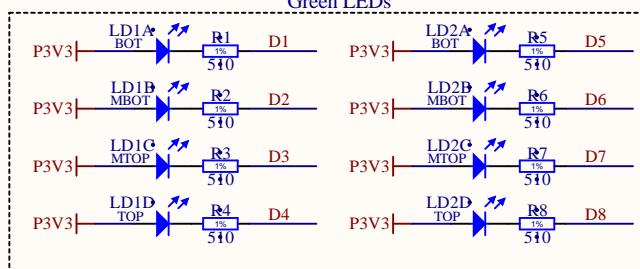
P3V3  
C1  
10nF  
2.2nF  
C24  
GND

P3V3  
P3V3  
0.5R  
9  
19  
31  
39  
VCC  
VCC  
VCC  
AVCC

P3V3  
C7  
10nF  
8  
18  
30  
38  
GND  
GND  
GND  
GND

PDI/PDI\_DATA  
RESET/PDI\_CLK  
PRO/XTAL2/TOSC2  
PR1/XTAL1/TOSC1

2



3

C

D

A

B

C

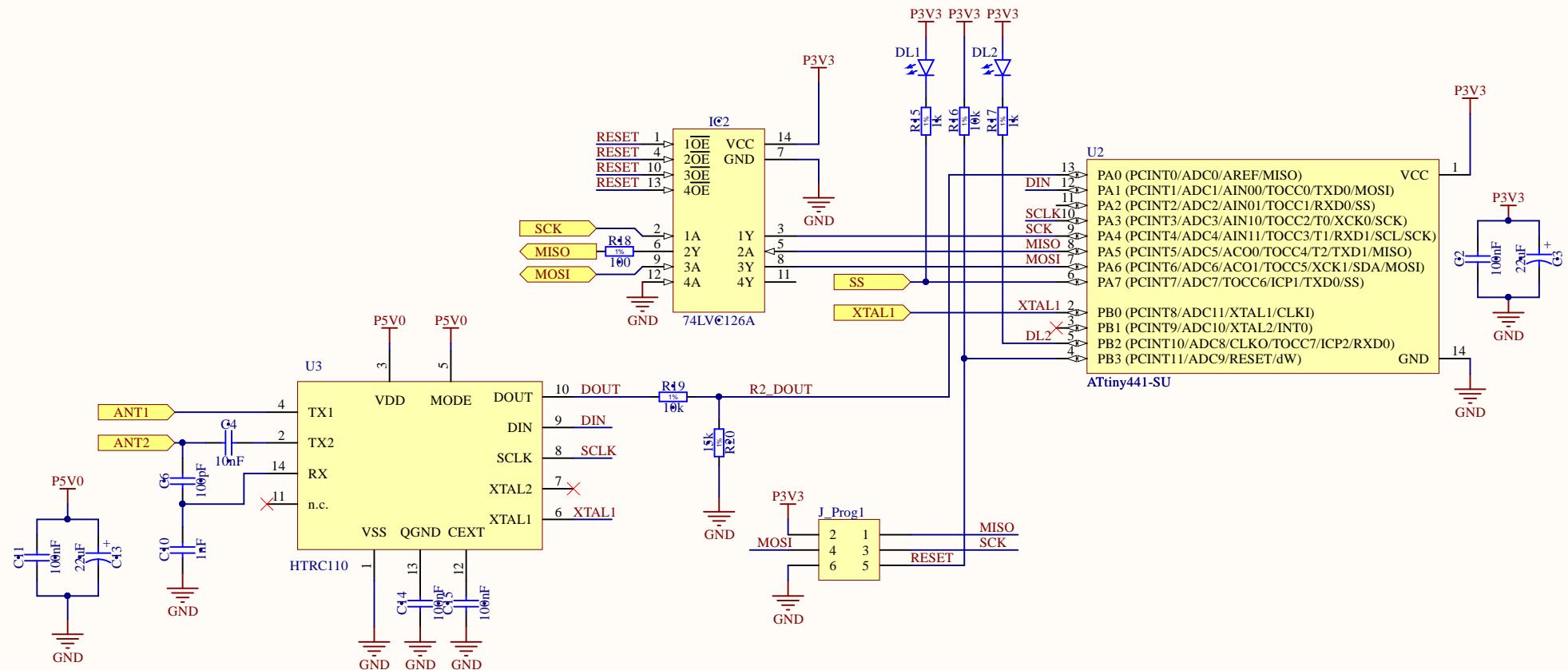
D

A

B

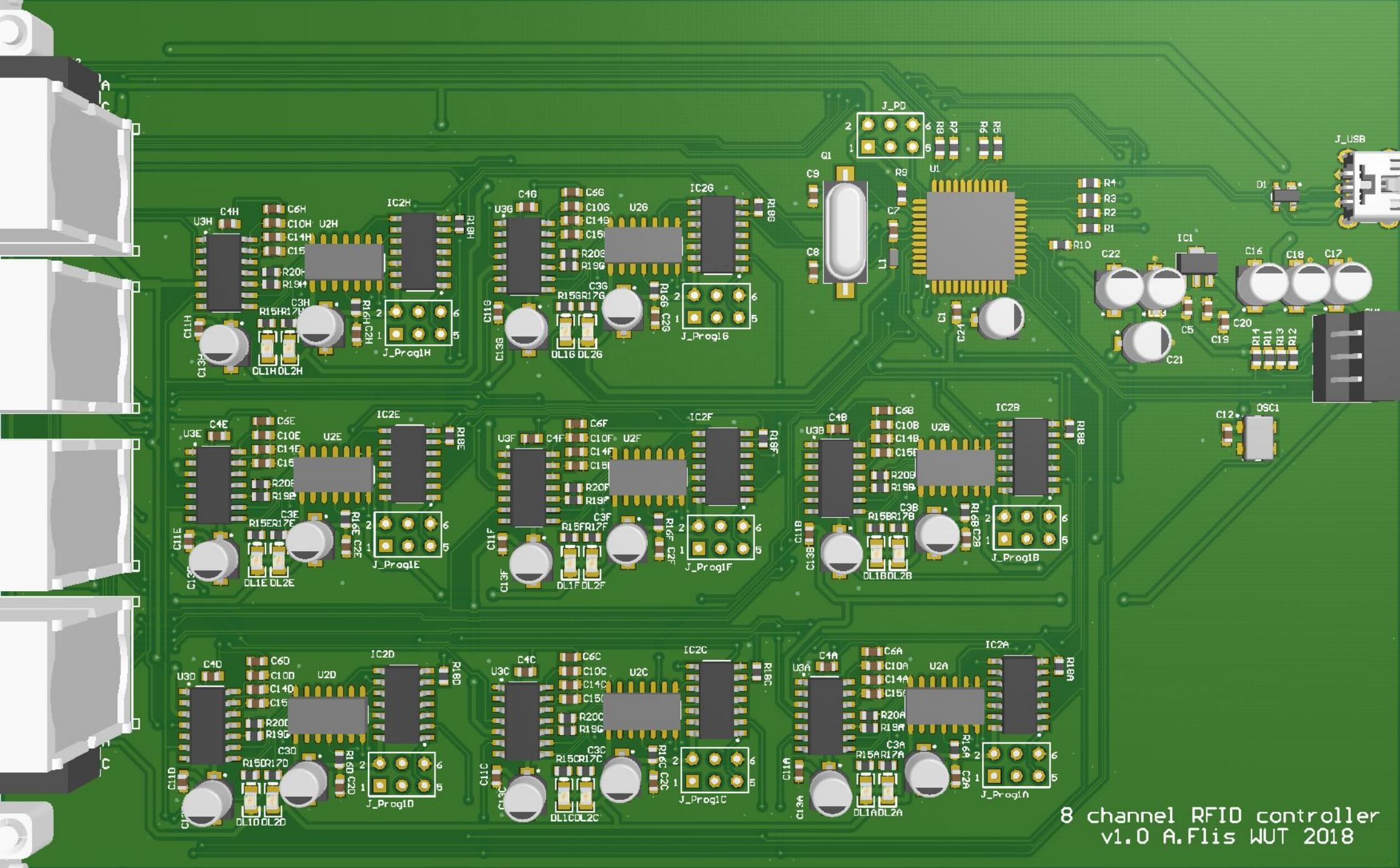
C

D

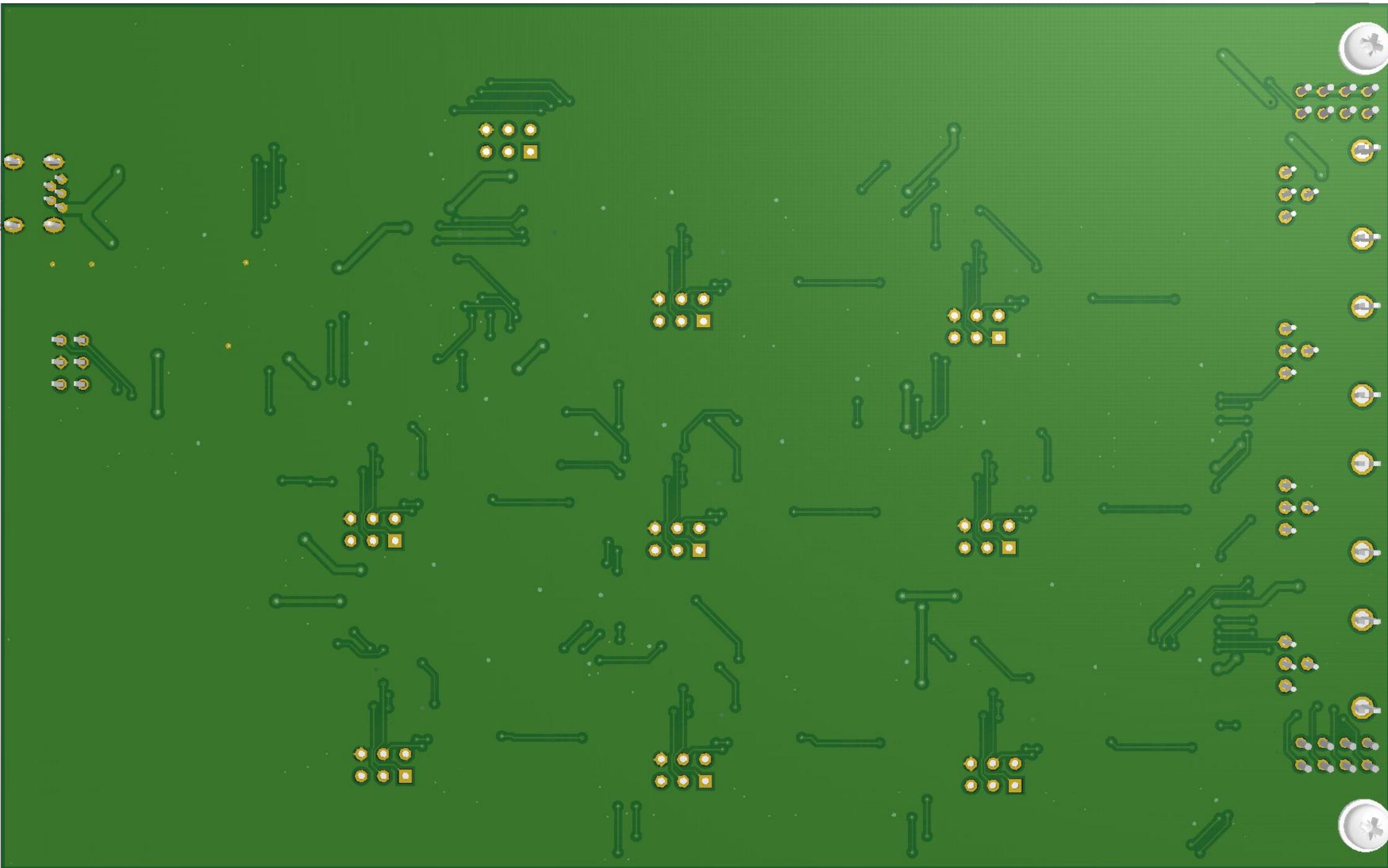


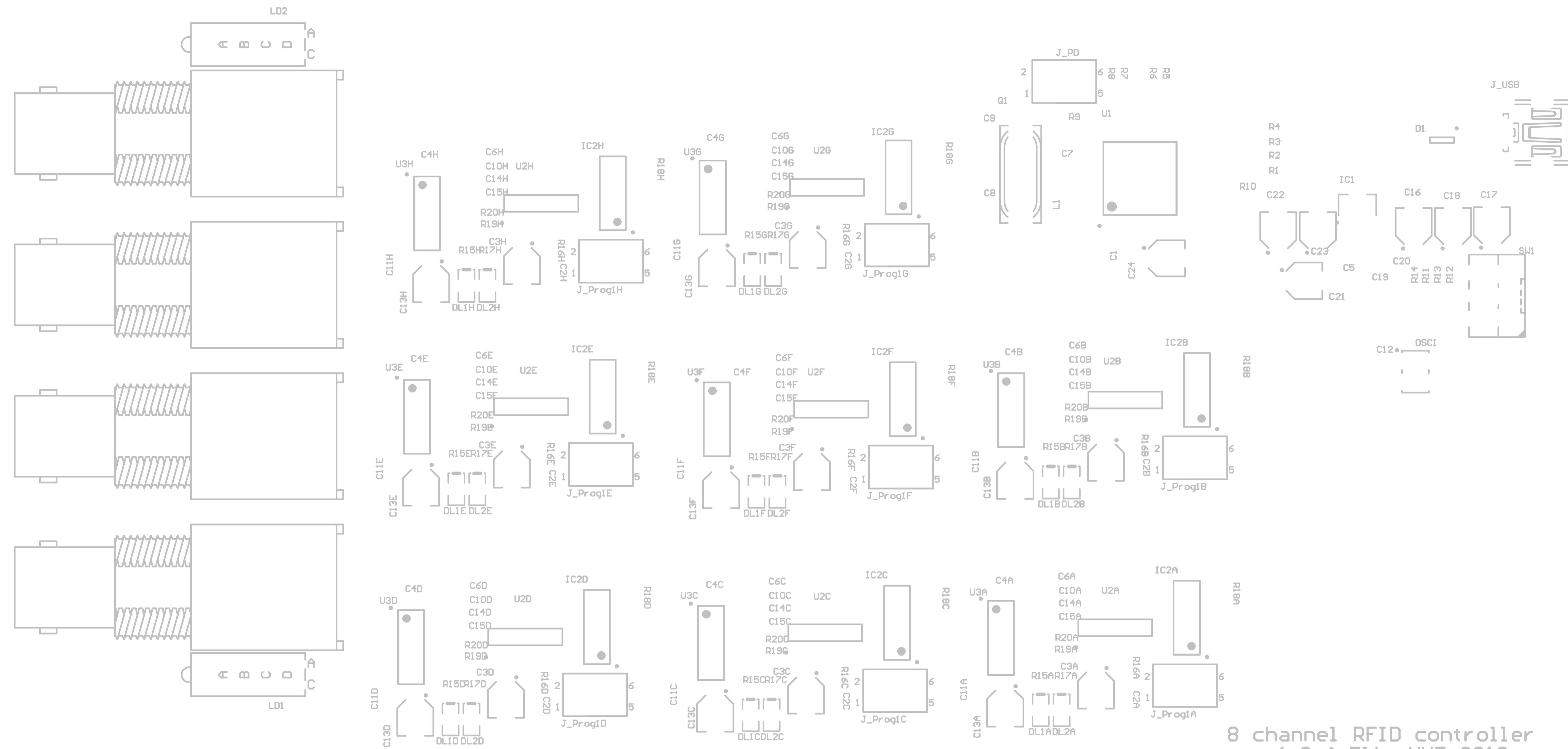
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8 channel RFID controller  
v1.0 A.Flis WUT 2018





8 channel RFID controller  
v1.0 A.Flis WUT 2018

