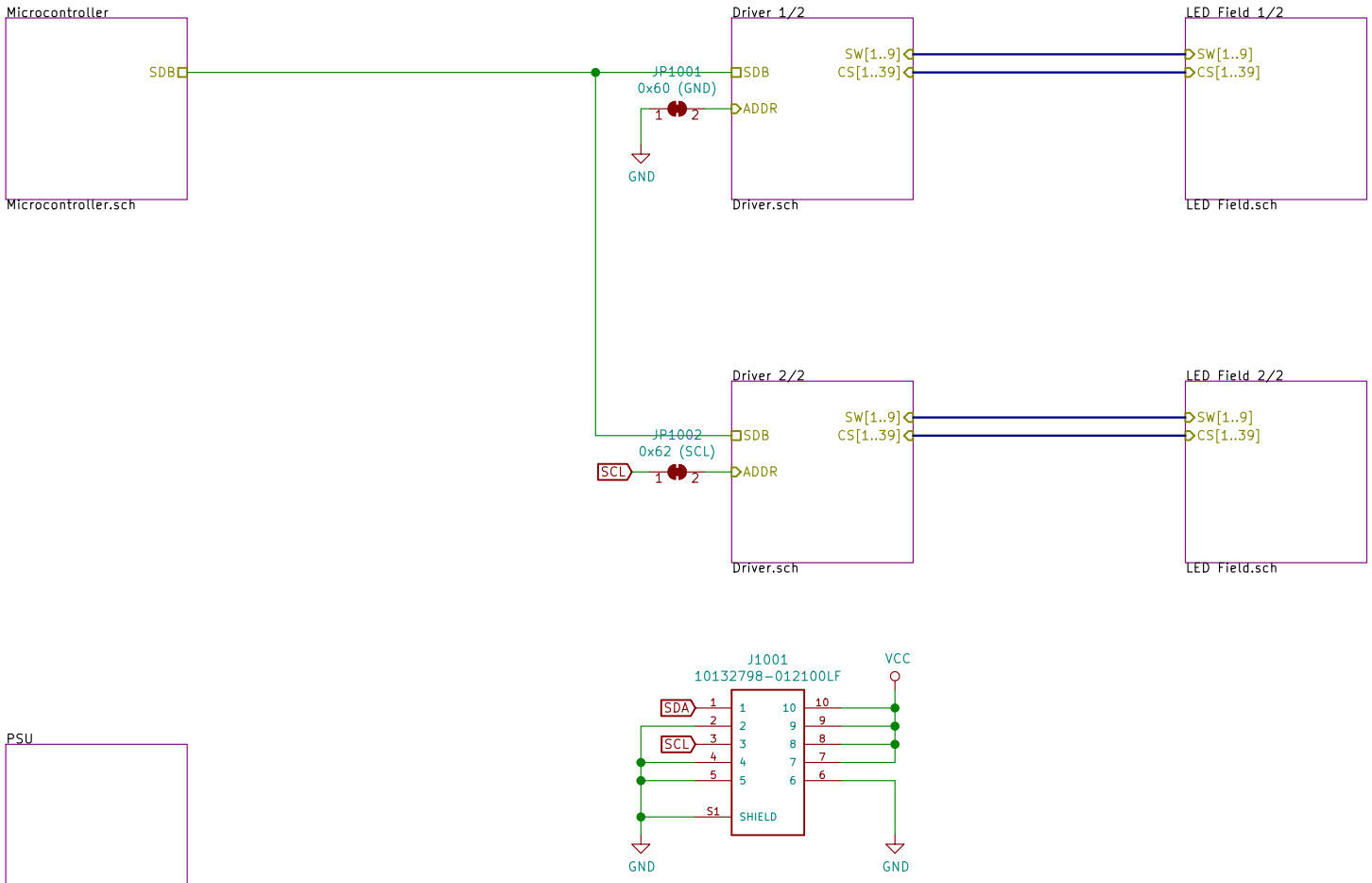

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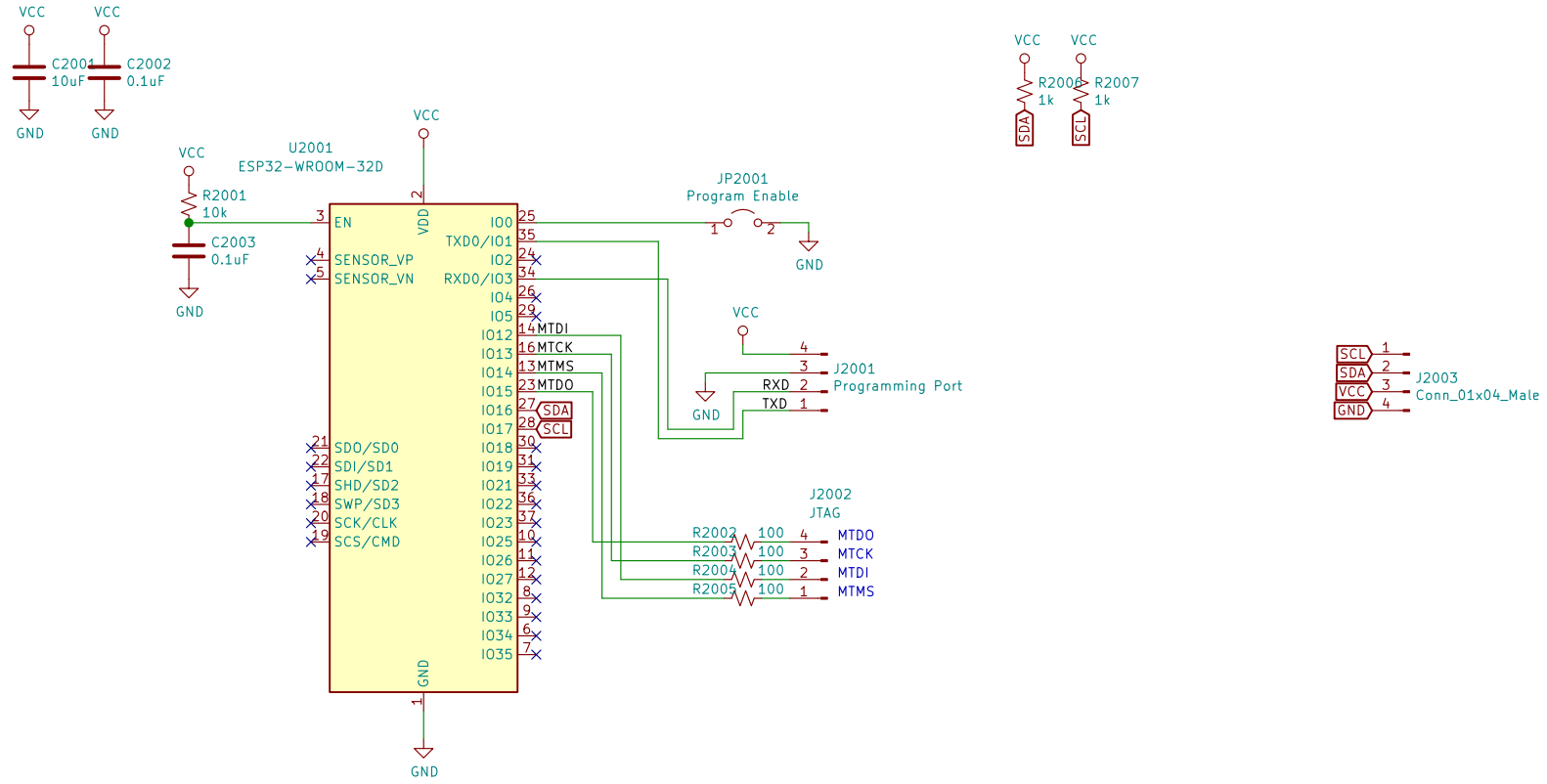
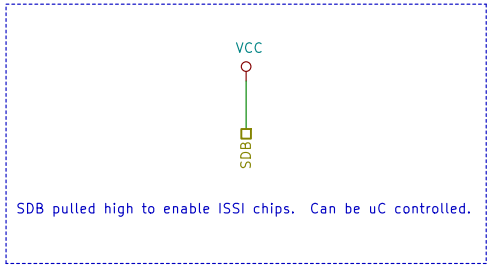
File: SecKC DC 27 – Matrix MCPCB.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.0-0)		Id: 1/7

Bypass caps for pin 2

Example uC design – use SecKC DC 27 Controller template for actual designs.





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Size: A4	Date:	**Rev:**
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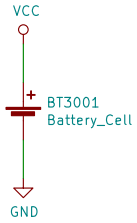

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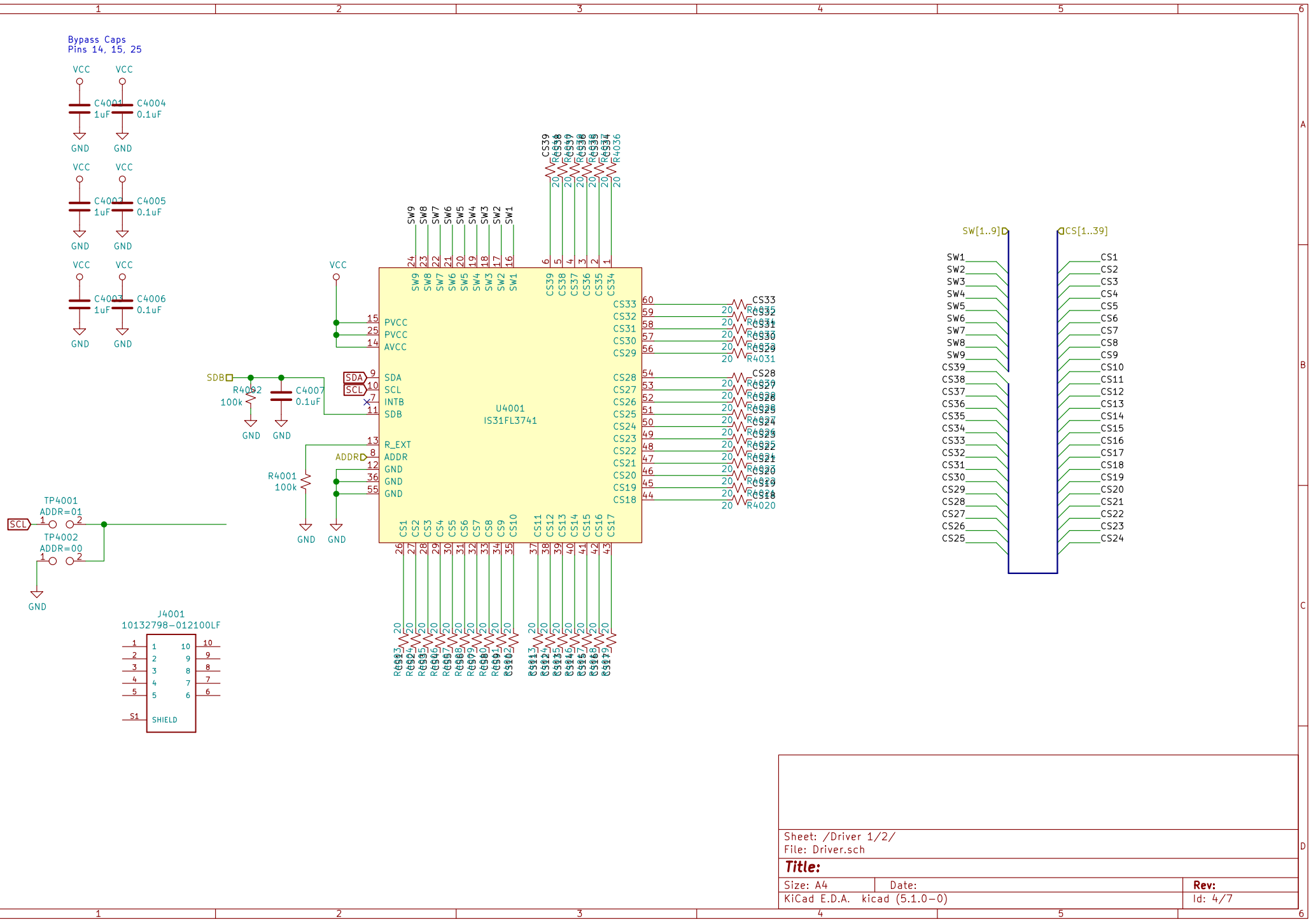
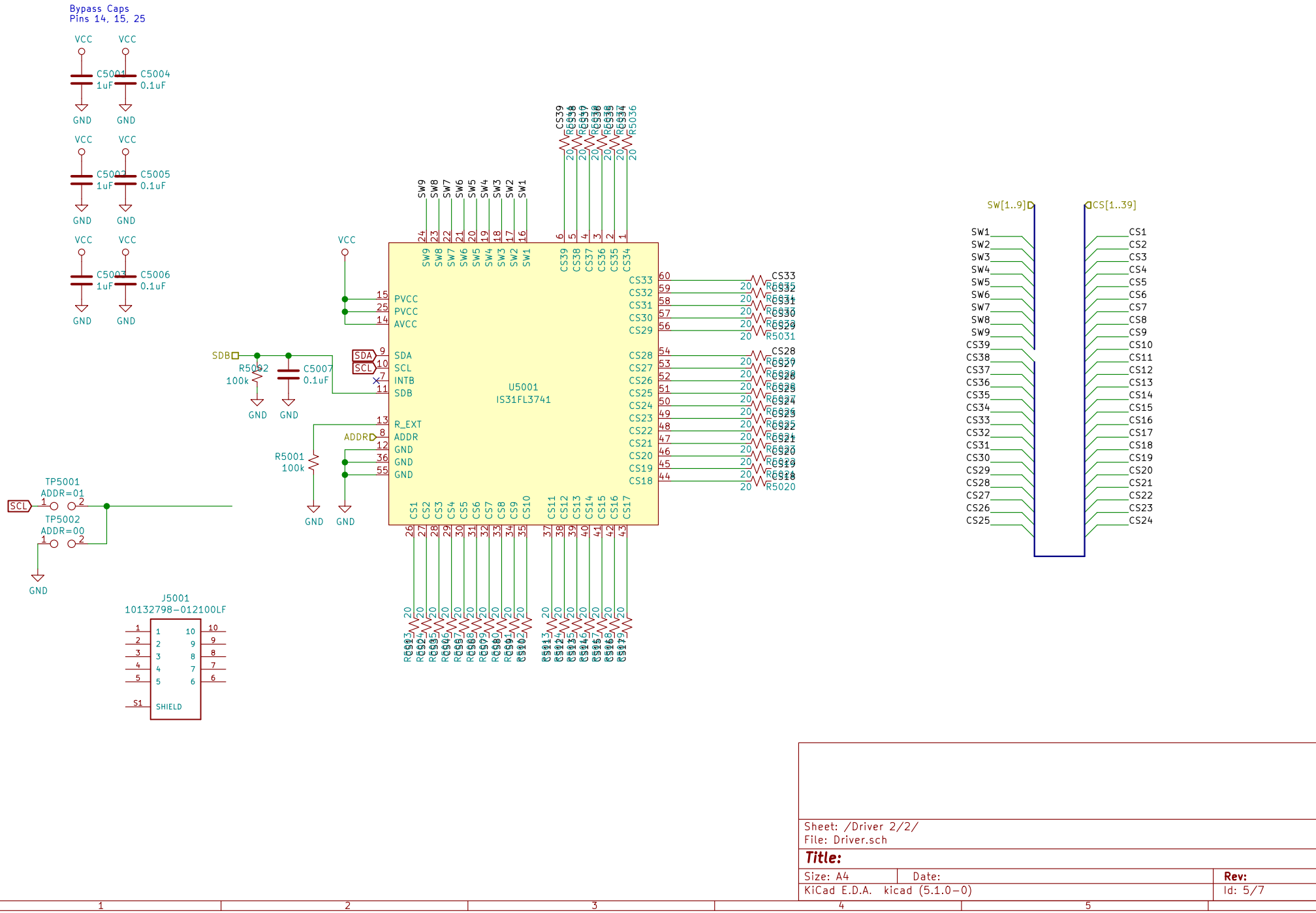
KiCad E.D.A. kicad (5.1.0-0)		Id: 3/7


Bypass Caps
Pins 14, 15, 25
VCC
C4001
1uF
C4004
0.1uF
C4002
C4005
C4003
C4006
GND
U4001
IS31FL3741
PVCC
AVCC
SDA
SCL
INTB
SDB
R_EXT
ADDR
R4092
100k
C4007
R4001
SW[1..9]
CS[1..39]
TP4001
ADDR=01
TP4002
ADDR=00
J4001
10132798-012100LF
SHIELD
Sheet: /Driver 1/2/
File: Driver.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.1.0-0)
Id: 4/7



Sheet: /Driver 2/2/
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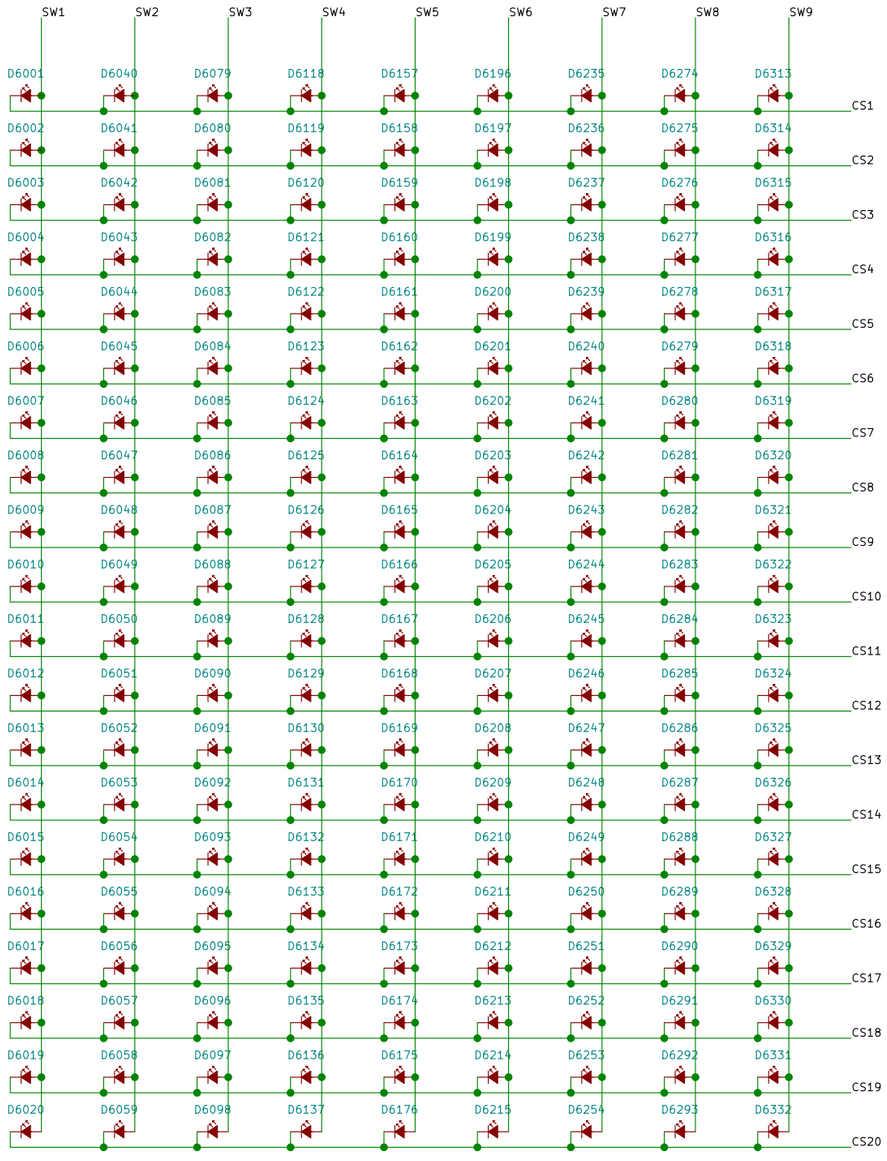
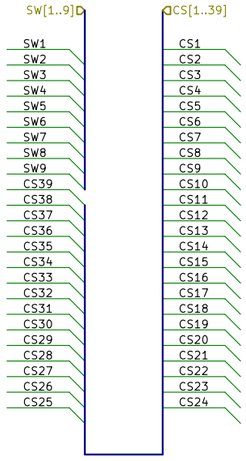
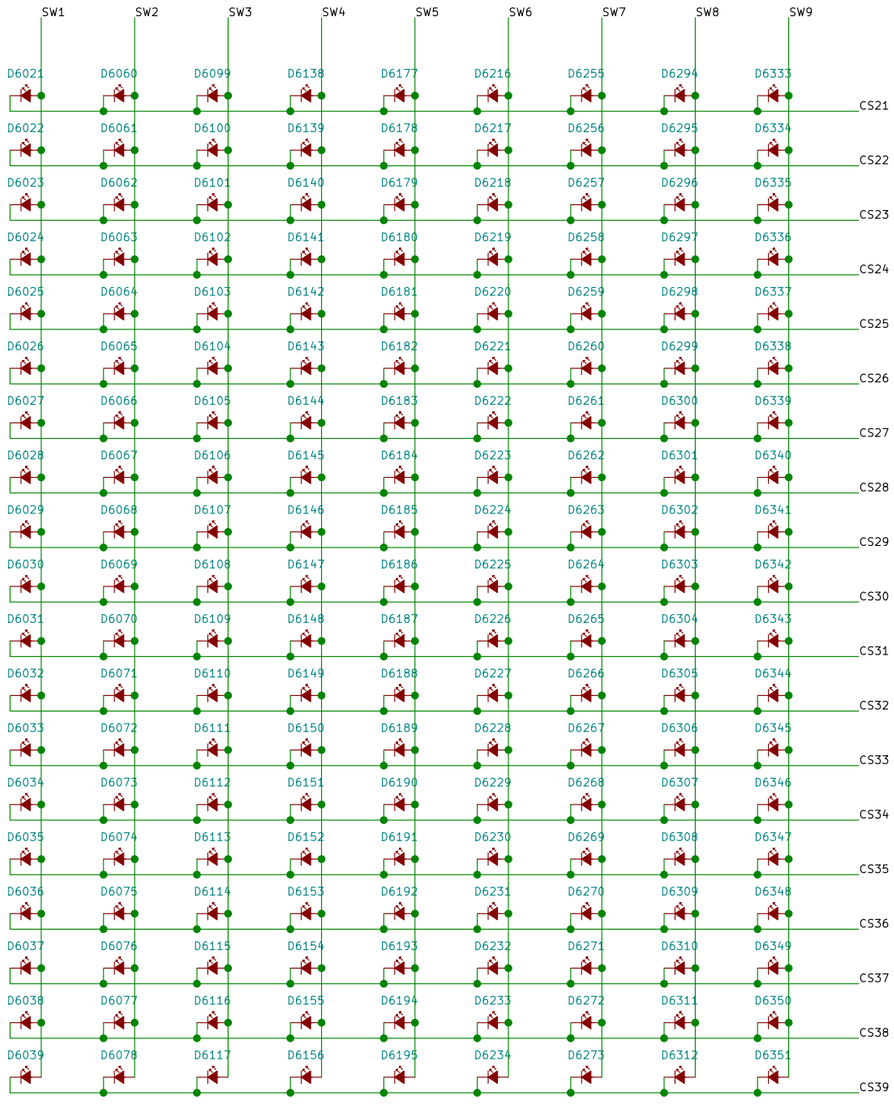
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.0-0)		Id: 5/7



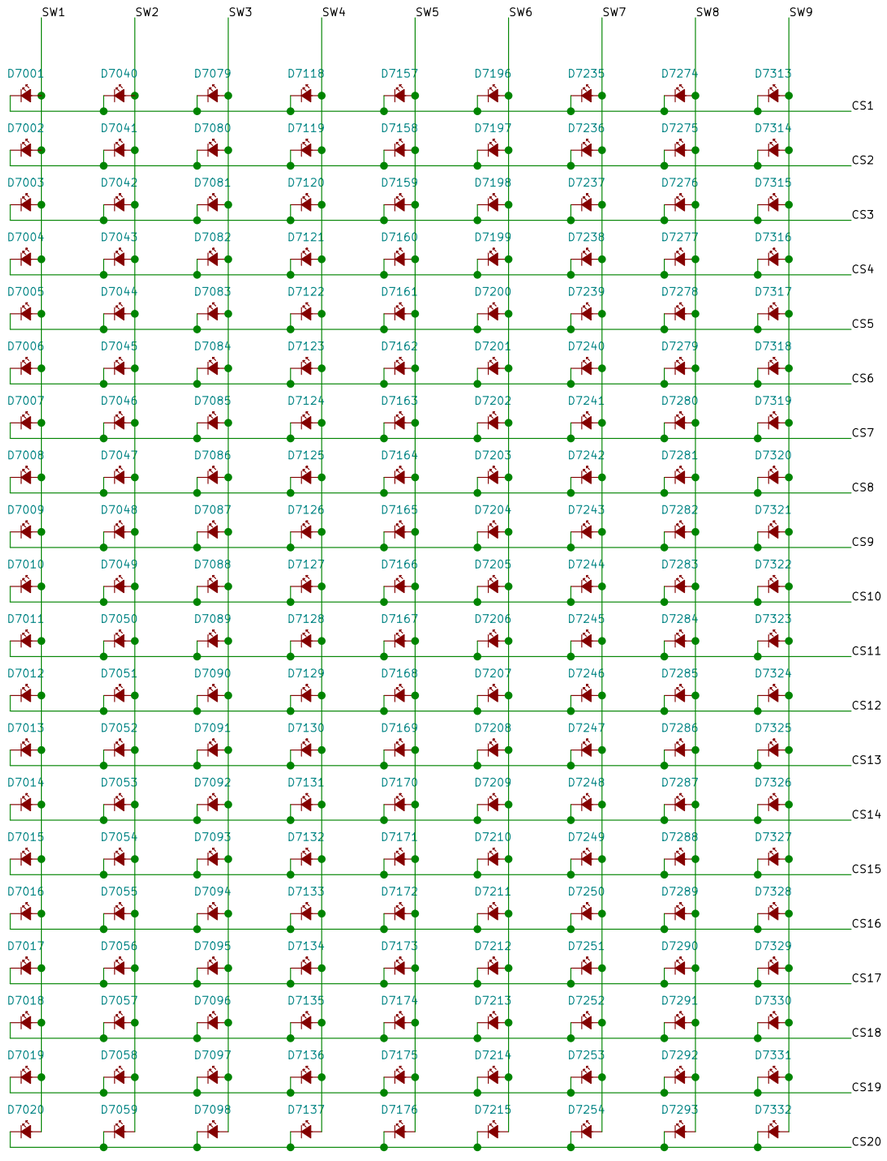


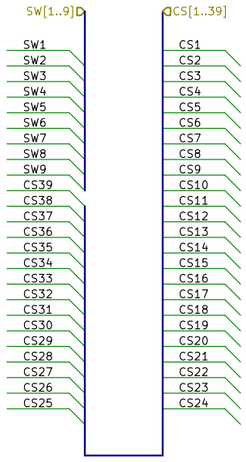


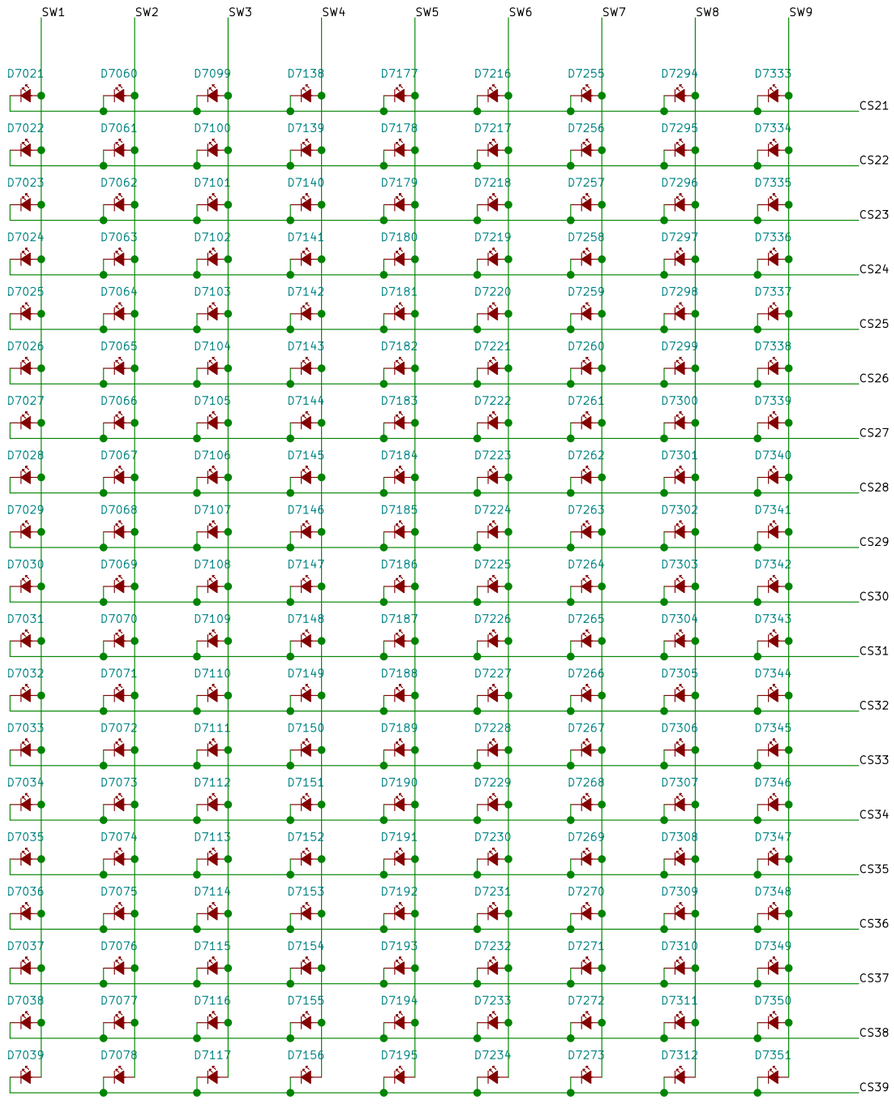
Sheet: /LED Field 1/2/
File: LED Field.sch

Title:

Size: A3	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.0-0)		Id: 6/7







Sheet: /LED Field 2/2/
File: LED Field.sch

Title:

Size: A3	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.0-0)		Id: 7/7