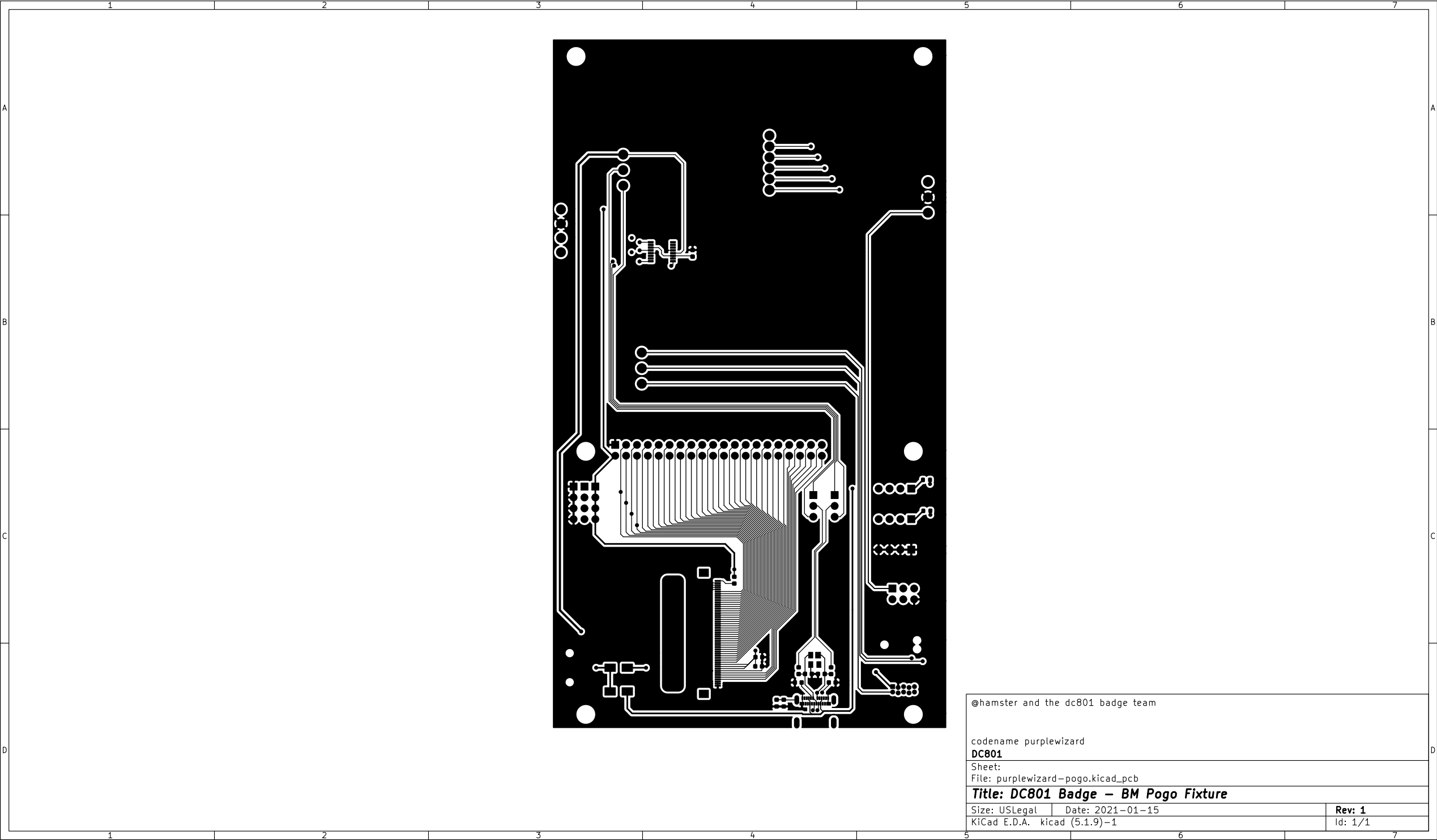
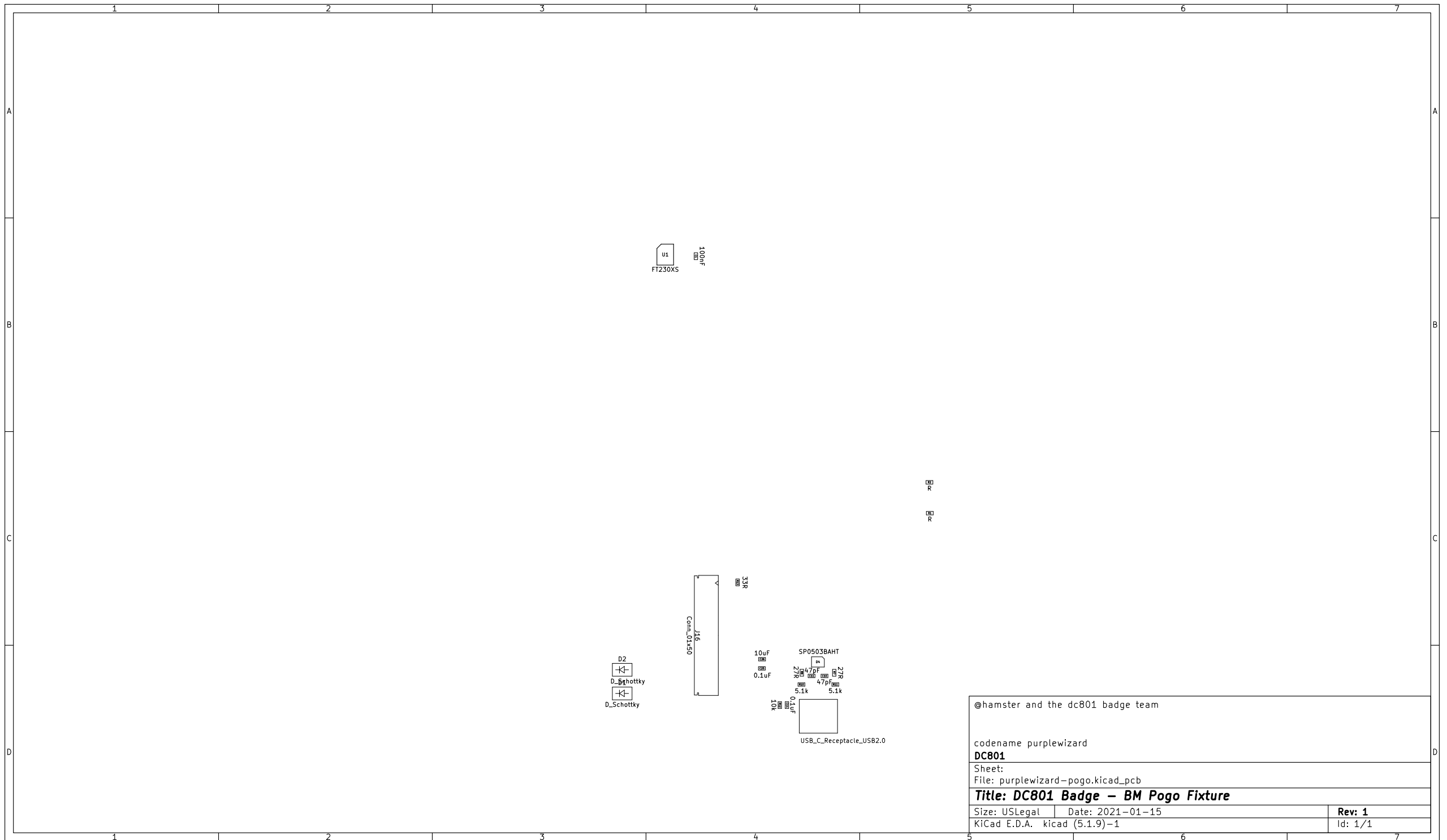
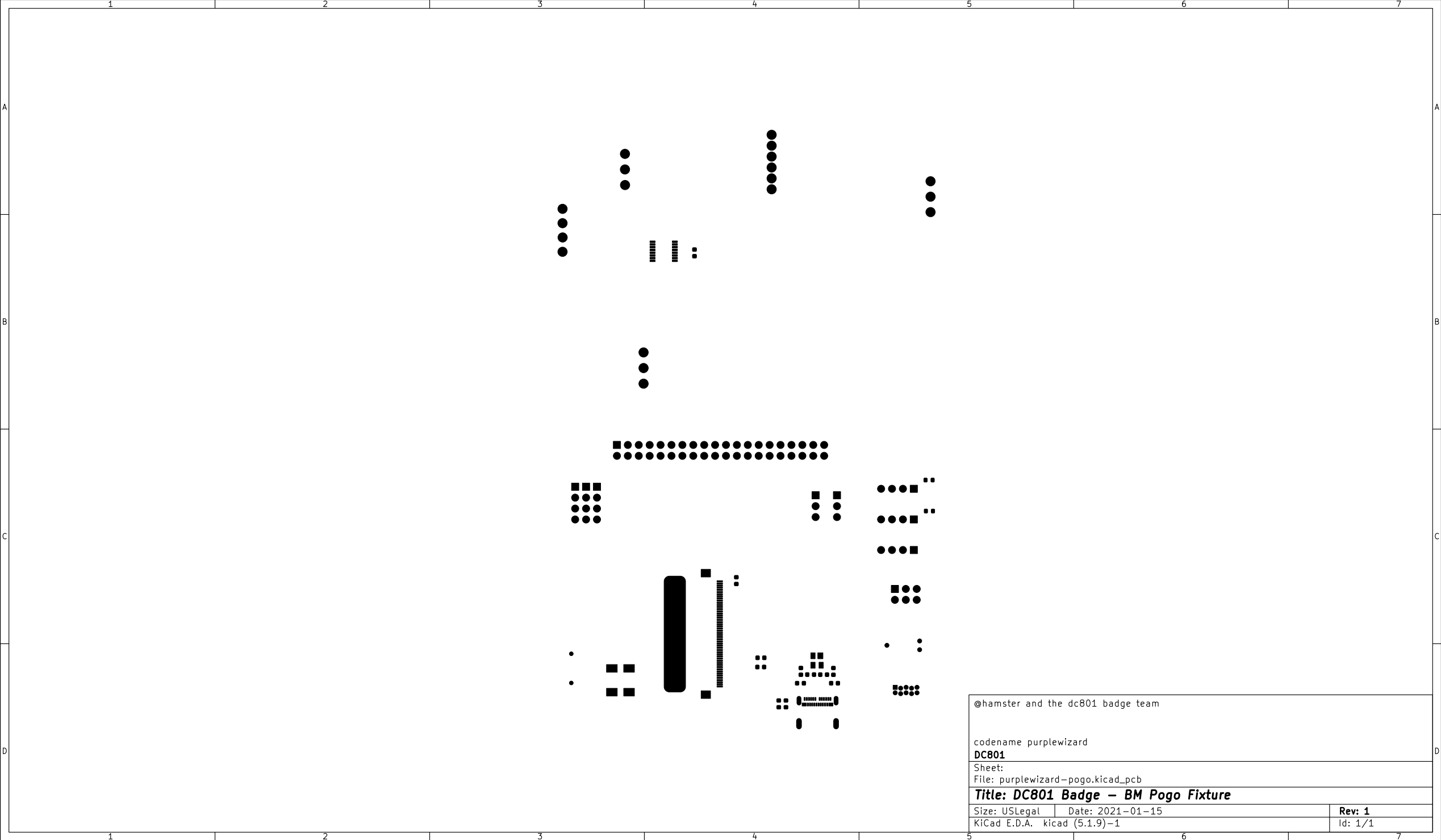


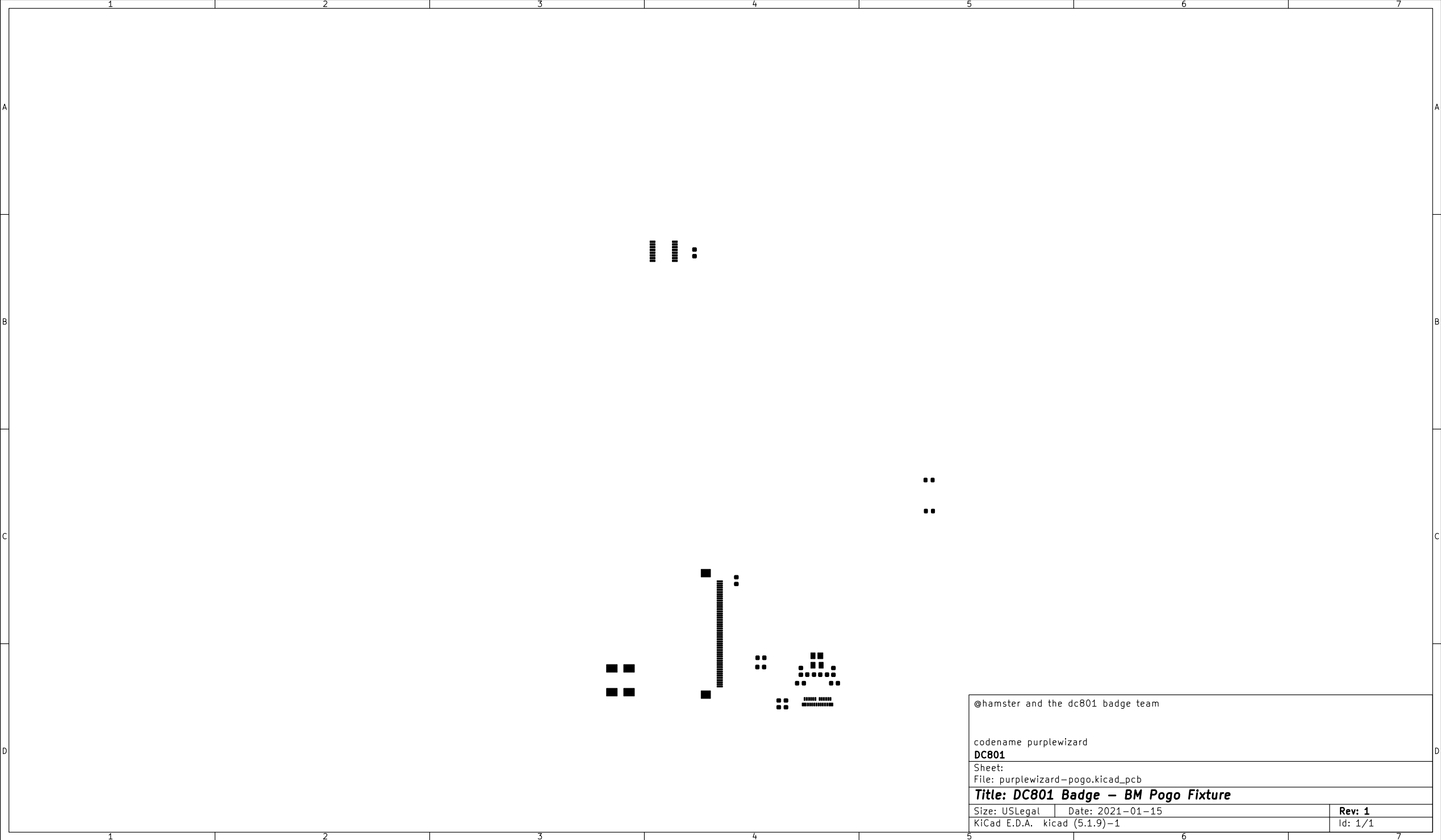
@hamster and the dc801 badge team			
codename purplewizard			
DC801			
Sheet:			
File: purplewizard-pogo.kicad_pcb			
Title: DC801 Badge – BM Pogo Fixture			
Size: USLegal	Date: 2021-01-15		Rev: 1
KiCad E.D.A. kicad (5.1.9)-1		Id: 1/1	



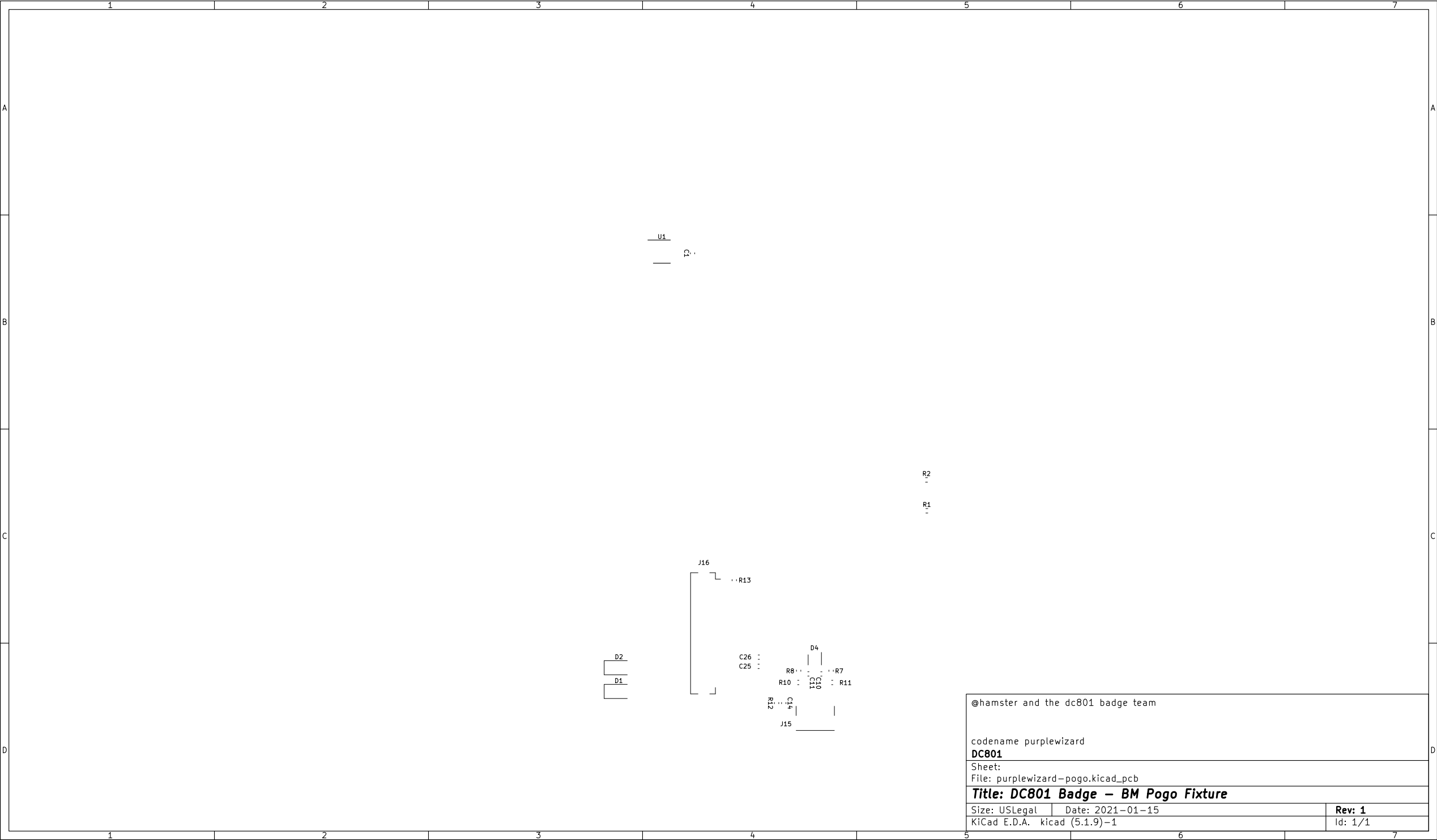
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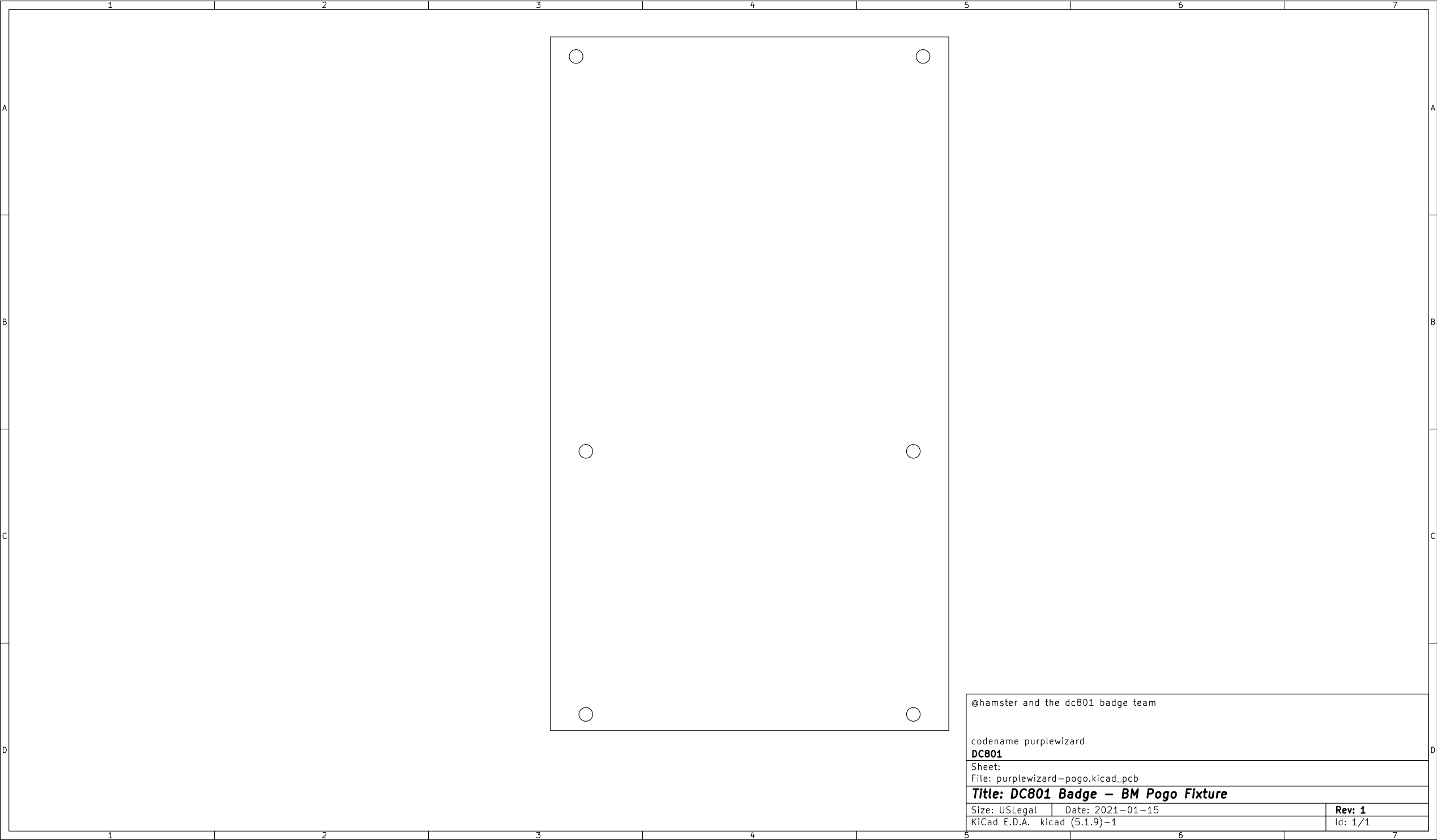




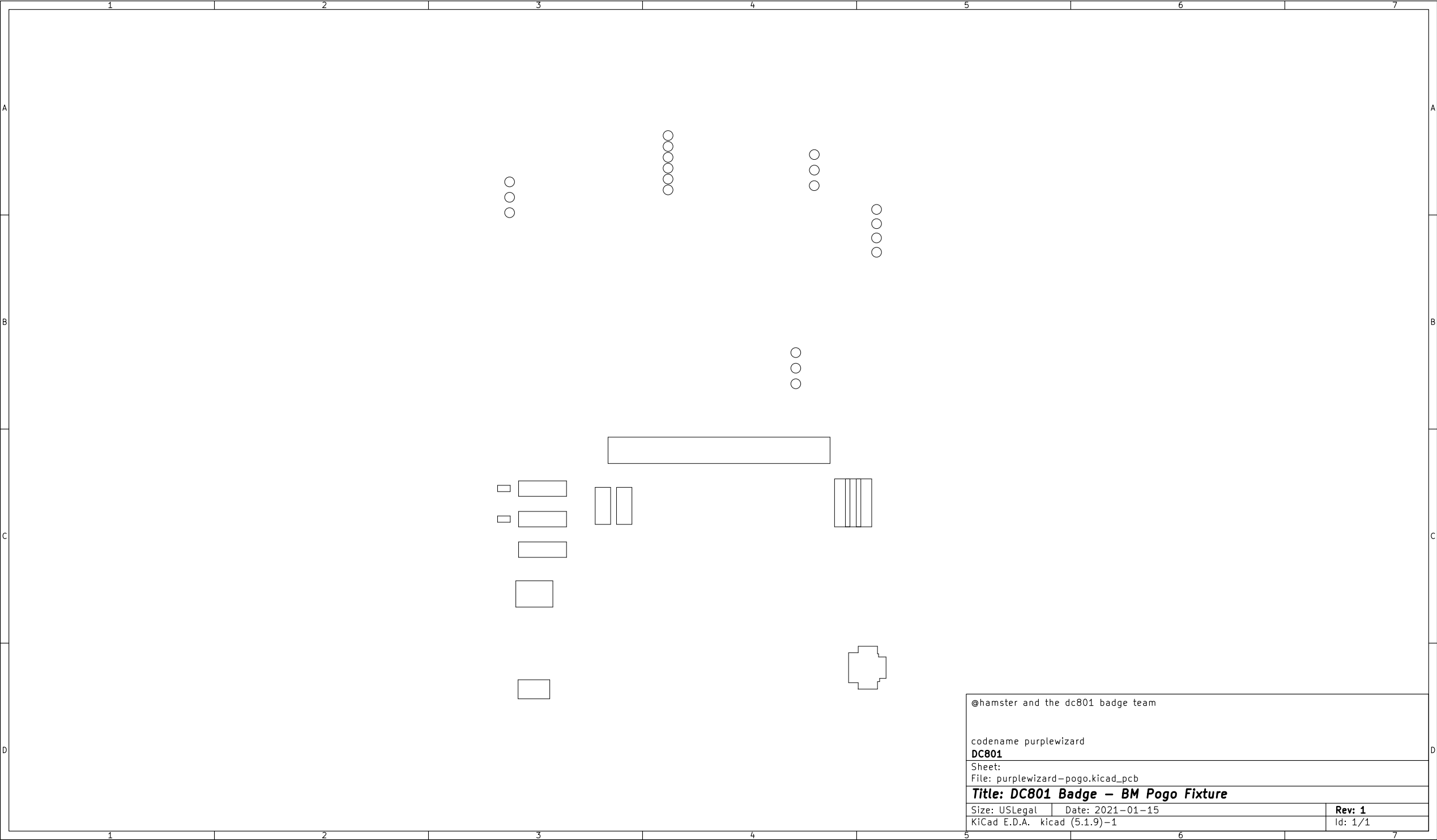
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KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	

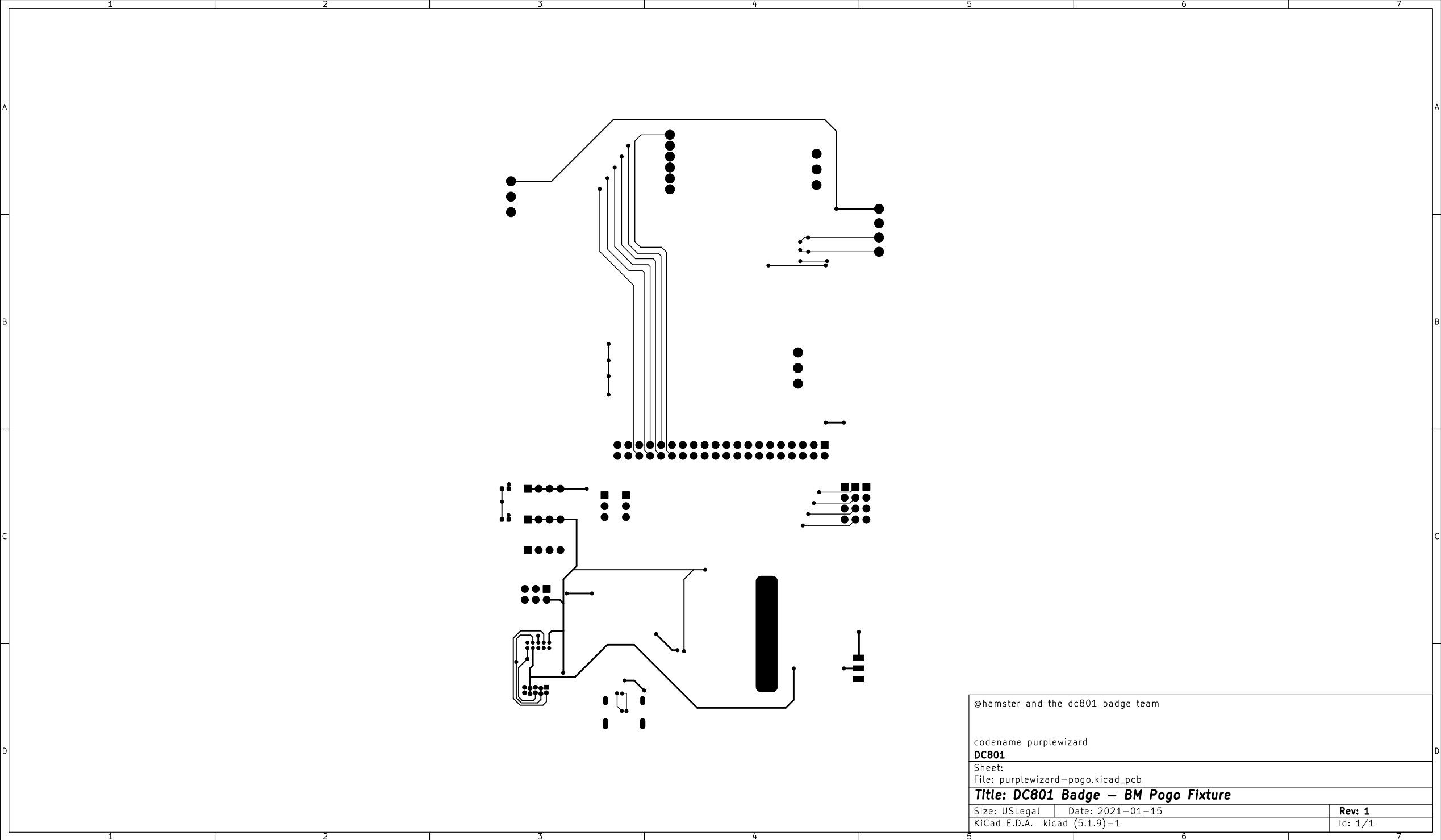


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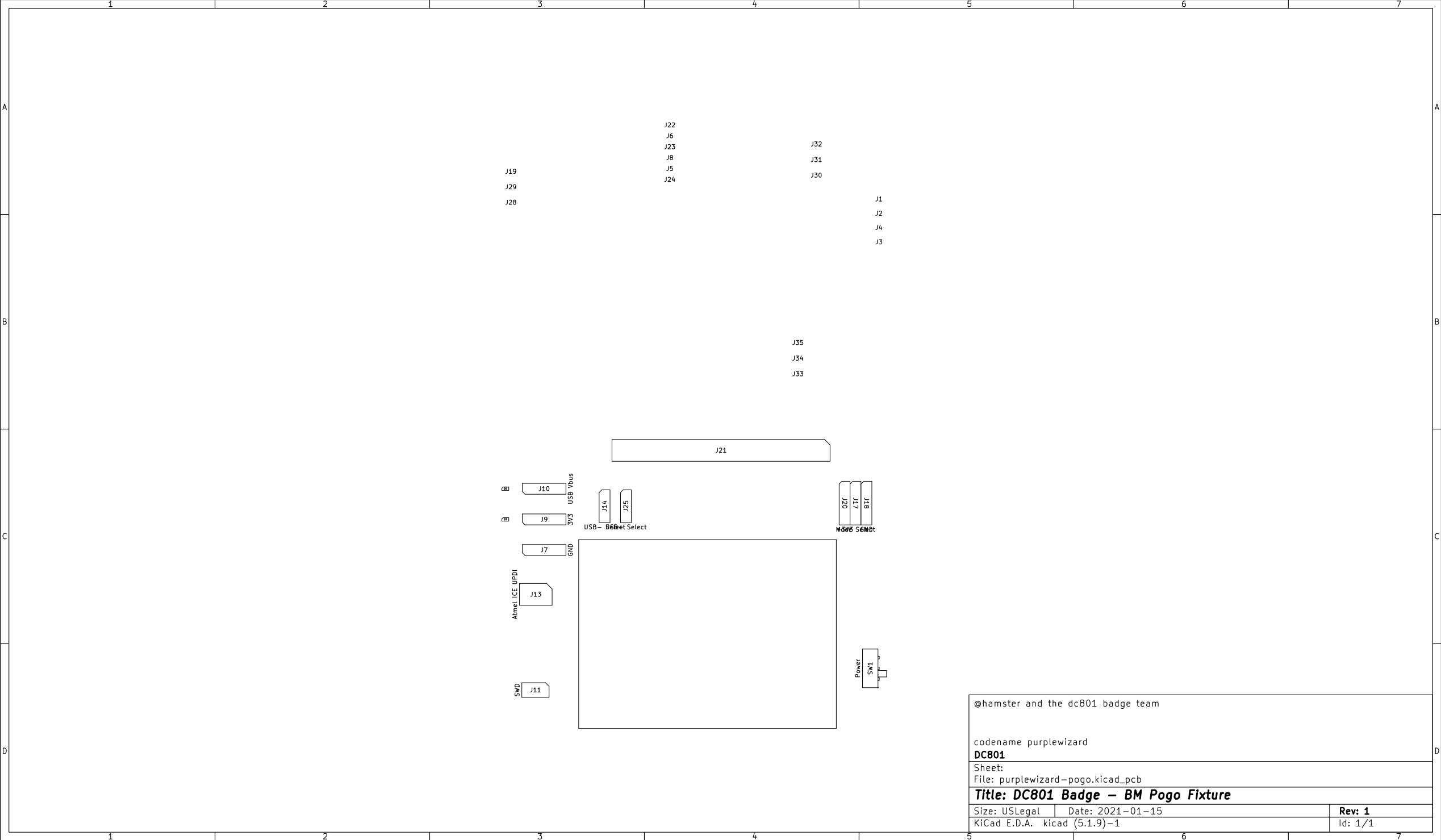


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File: purplewizard-pogo.kicad_pcb		
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KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	

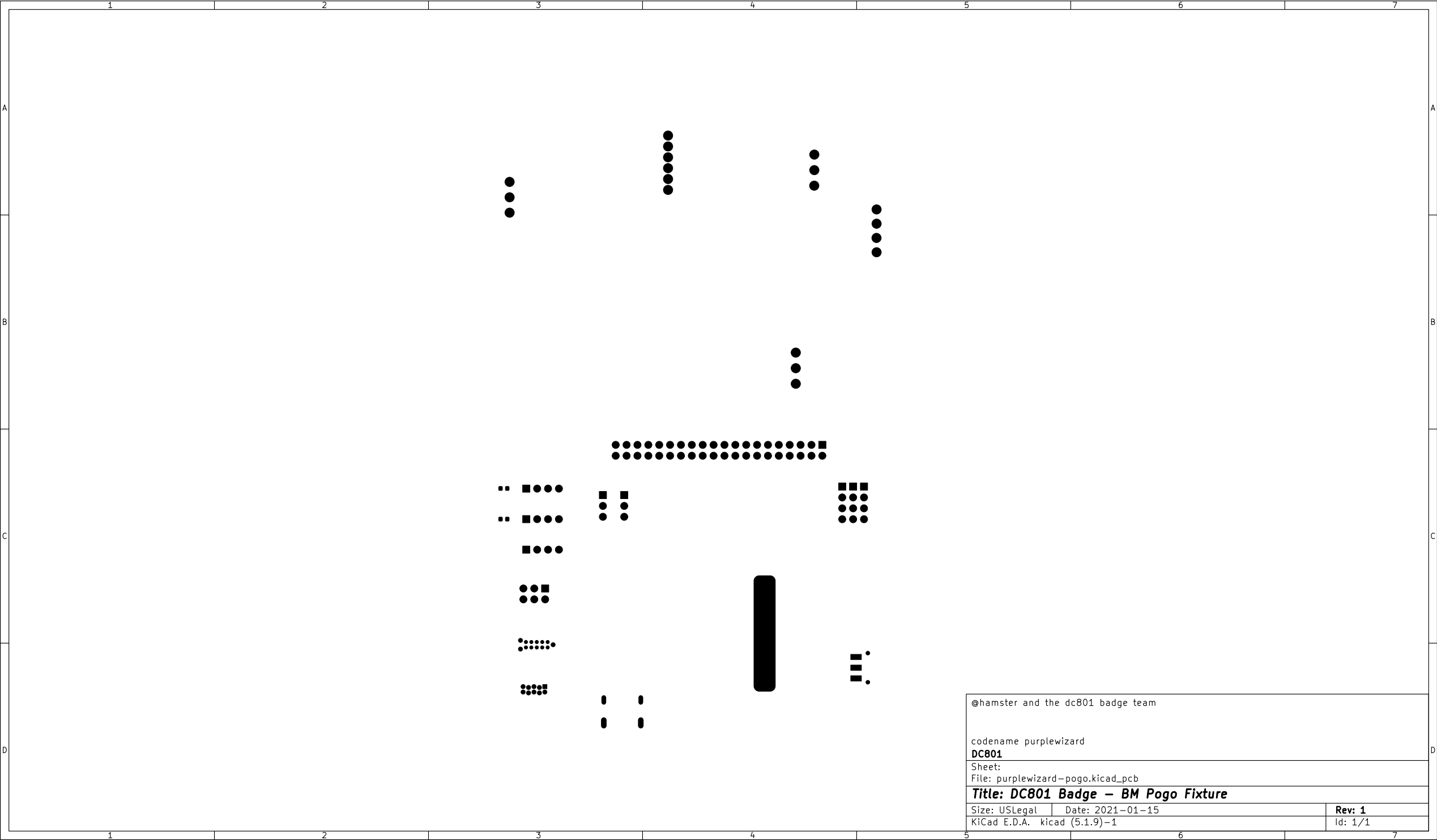


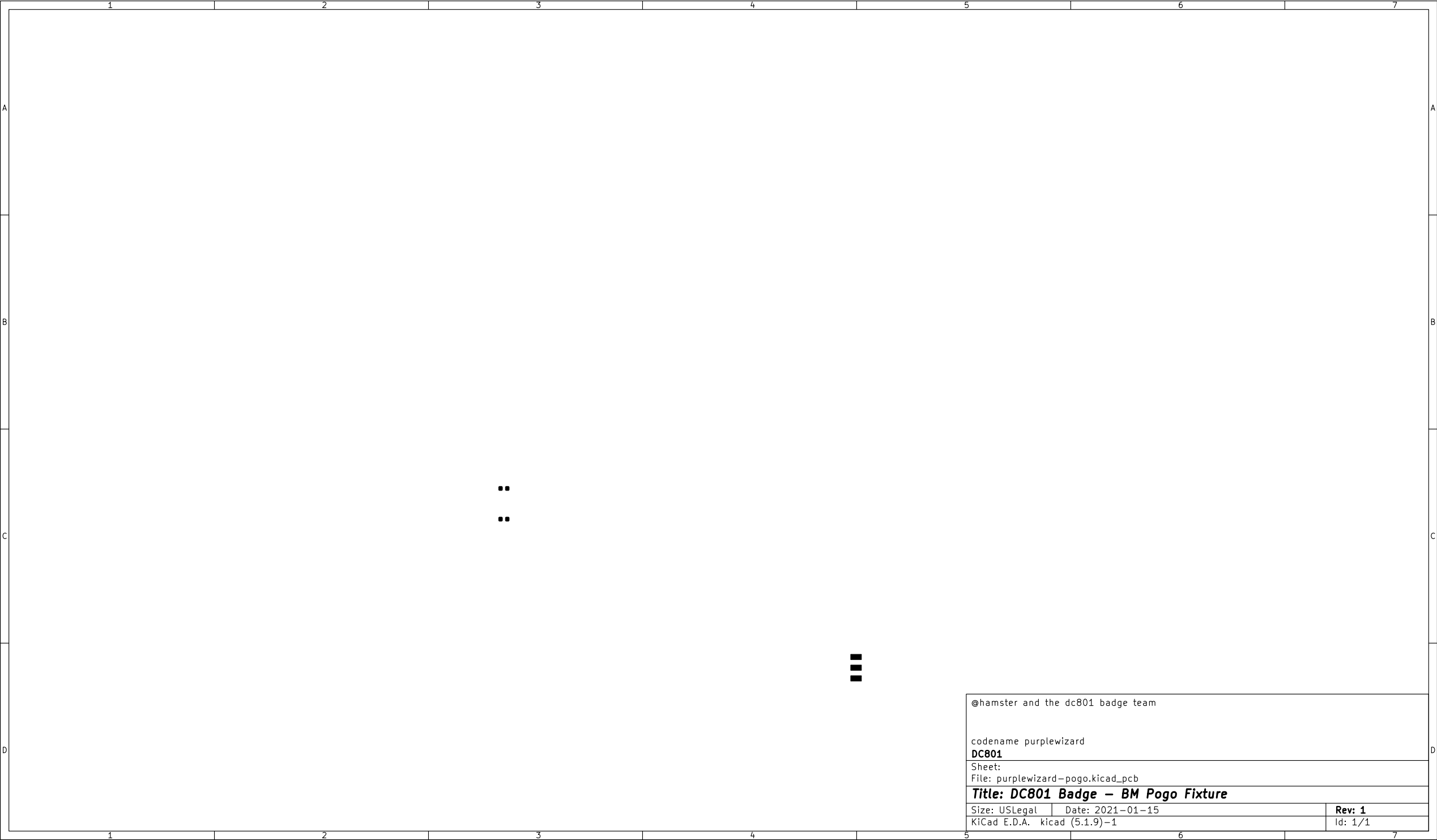


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KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	

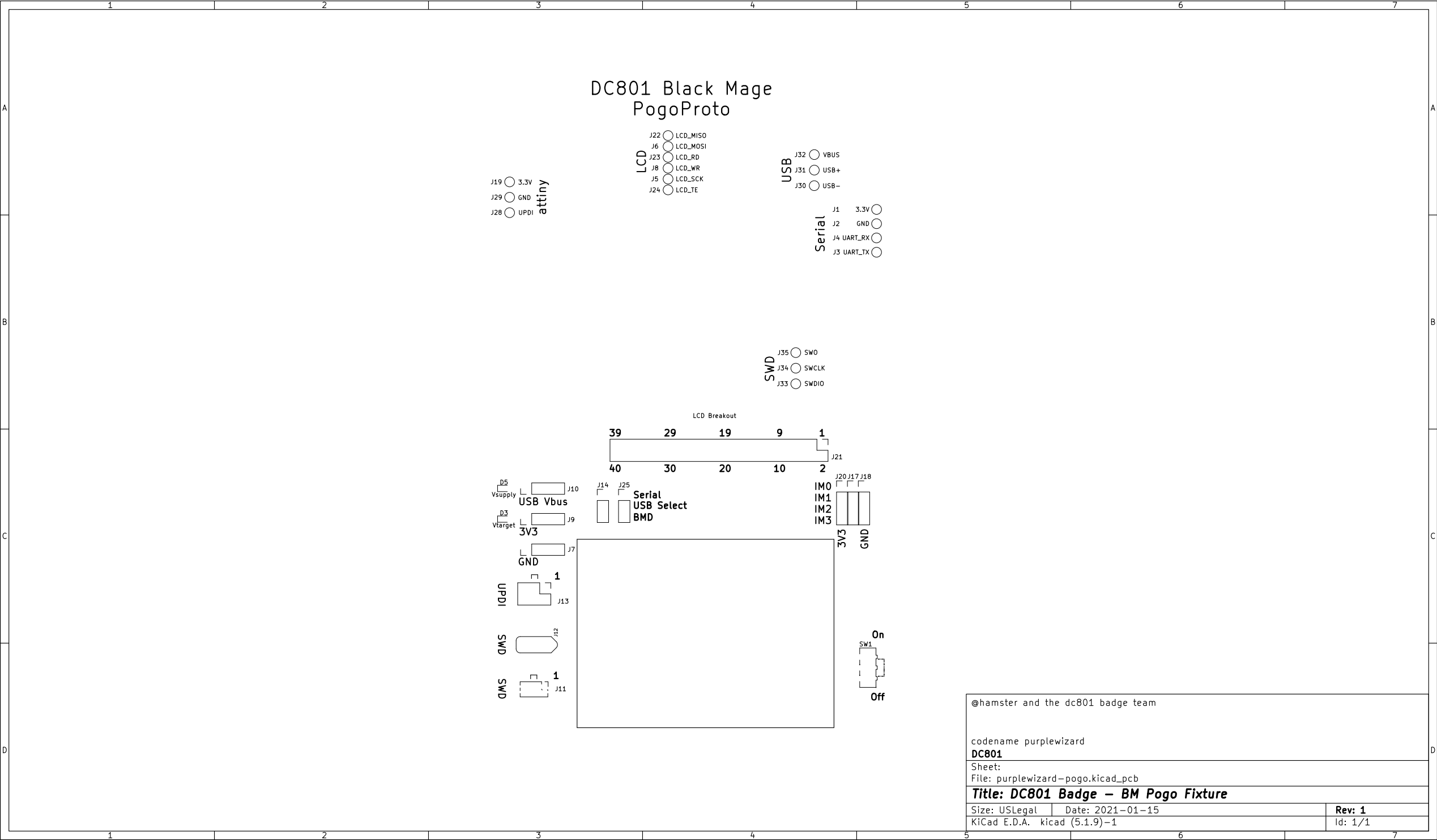


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codename purplewizard		
DC801		
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KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



DC801 Black Mage
PogoProto

LCD
J22 ○ LCD_MISO
J6 ○ LCD_MOSI
J23 ○ LCD_RD
J8 ○ LCD_WR
J5 ○ LCD_SCK
J24 ○ LCD_TE

USB
J32 ○ VBUS
J31 ○ USB+
J30 ○ USB-

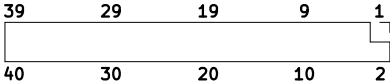
Serial
J1 ○ 3.3V
J2 ○ GND
J4 UART_RX
J3 UART_TX

J19 ○ 3.3V
J29 ○ GND
J28 ○ UPDI

attiny

SWD
J35 ○ SW0
J34 ○ SWCLK
J33 ○ SWDIO

LCD Breakout



D5
Vsupply
D3
Vtarget
J10
J9

USB Vbus
3V3

GND
UPDI

SWD

SWD

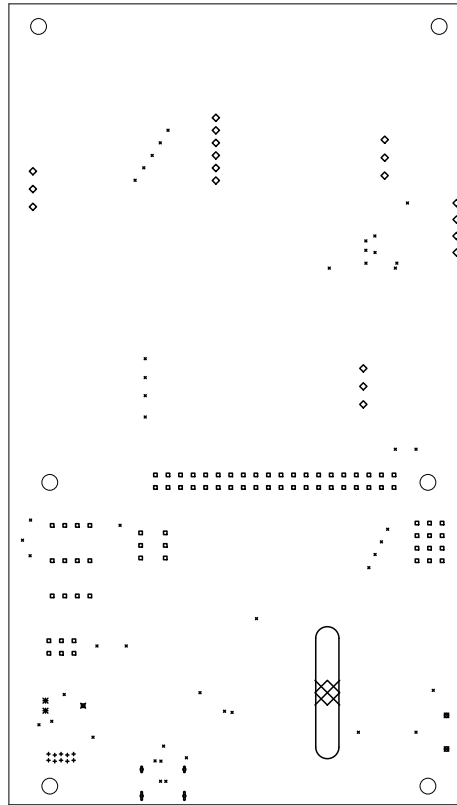
J14 J25
Serial
USB Select
BMD

IM0
IM1
IM2
IM3

J20 J17 J18
3V3
GND

On
SW1
Off

@hamster and the dc801 badge team		
codename purplewizard		
DC801		
Sheet:		
File: purplewizard-pogo.kicad_pcb		
Title: DC801 Badge – BM Pogo Fixture		
Size: USLegal	Date: 2021-01-15	Rev: 1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



Drill Map:

- 0.40mm / 0.016" (47 holes)
- 0.60mm / 0.024" (0 holes + 4 slots)
- 0.65mm / 0.026" (10 holes)
- 1.00mm / 0.039" (76 holes)
- ♦ 1.45mm / 0.057" (19 holes)
- 0.90mm / 0.035" (2 holes) (not plated)
- 0.99mm / 0.039" (2 holes) (not plated)
- 0.99mm / 0.039" (1 hole) (not plated)
- ⊗ 5.00mm / 0.197" (1 slot) (not plated)