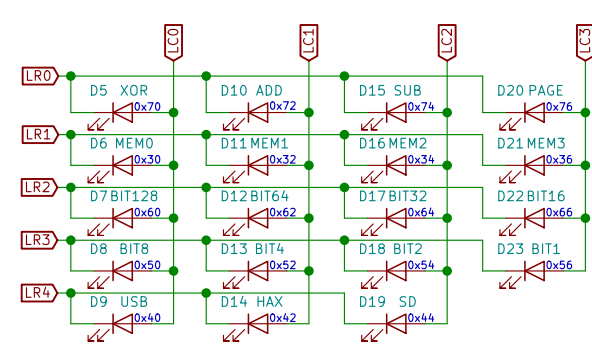
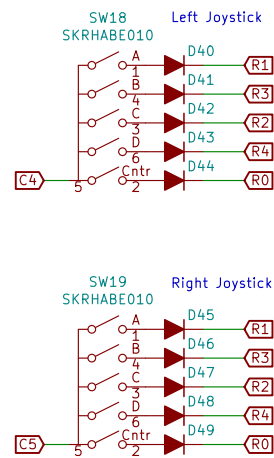


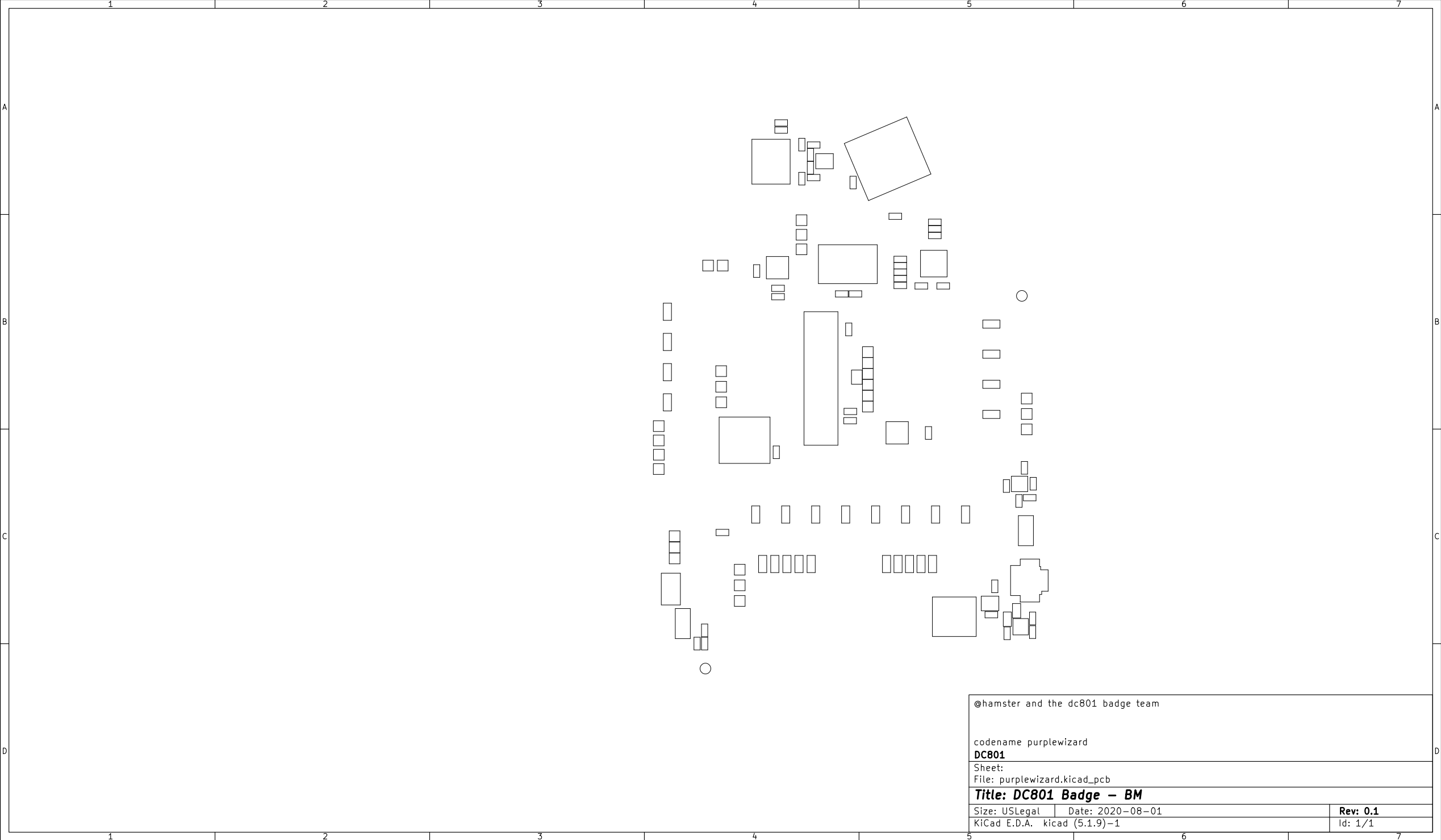
Black Mage Back - Front Board
I2C Address 0xA0/0xA1
19 LEDs



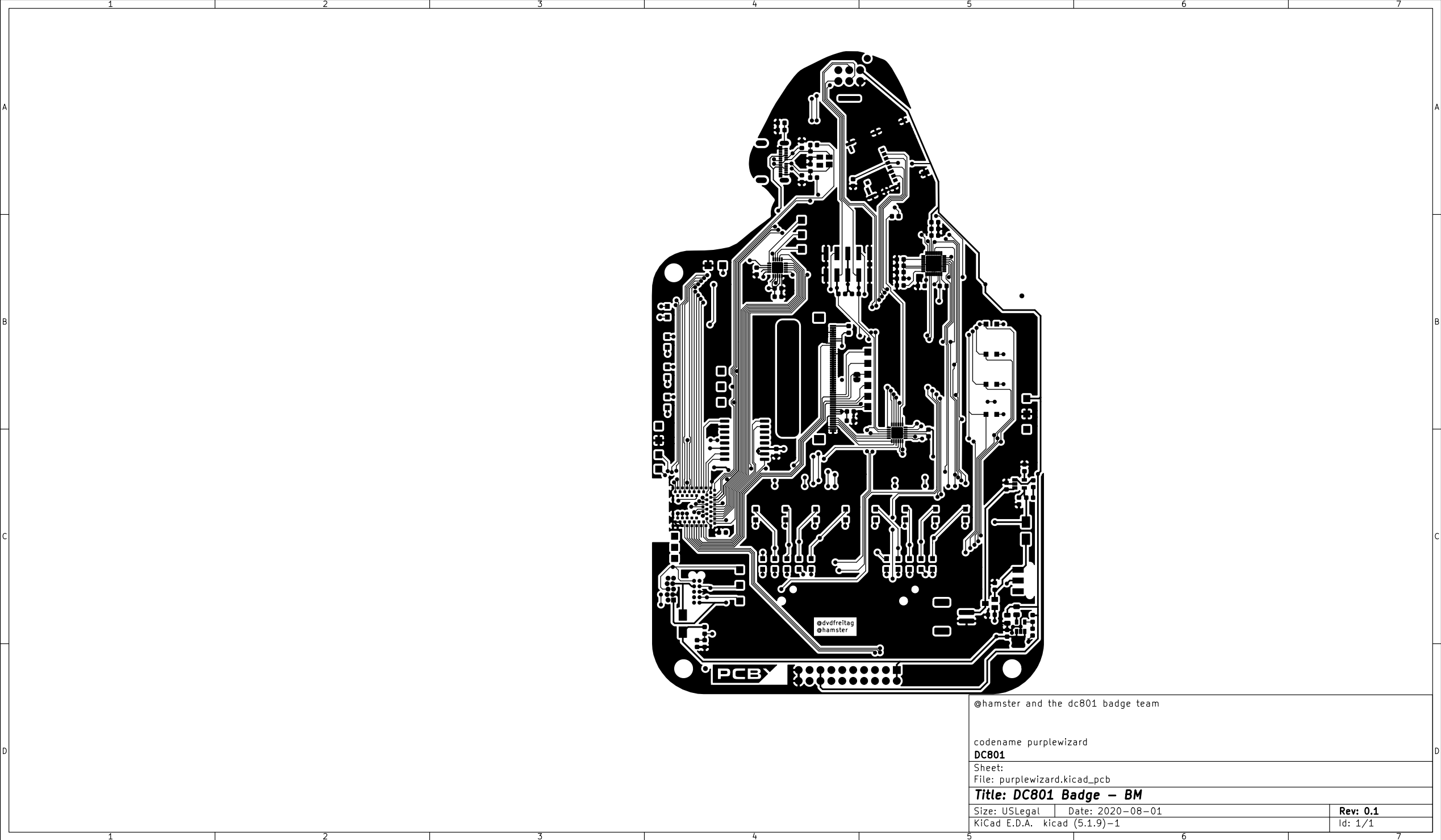
@hamster and the dc801 badge team		
codename purplewizard		
DC801		
Sheet: /LEDs and Driver/ File: purplewizard-led.sch		
Title: DC801 Badge - BM - Defcon CANCELED		
Size: USLegal	Date: 2020-06-01	Rev: 1.0
KiCad E.D.A.	kiCad (5.1.5)-3	Id: 2/3



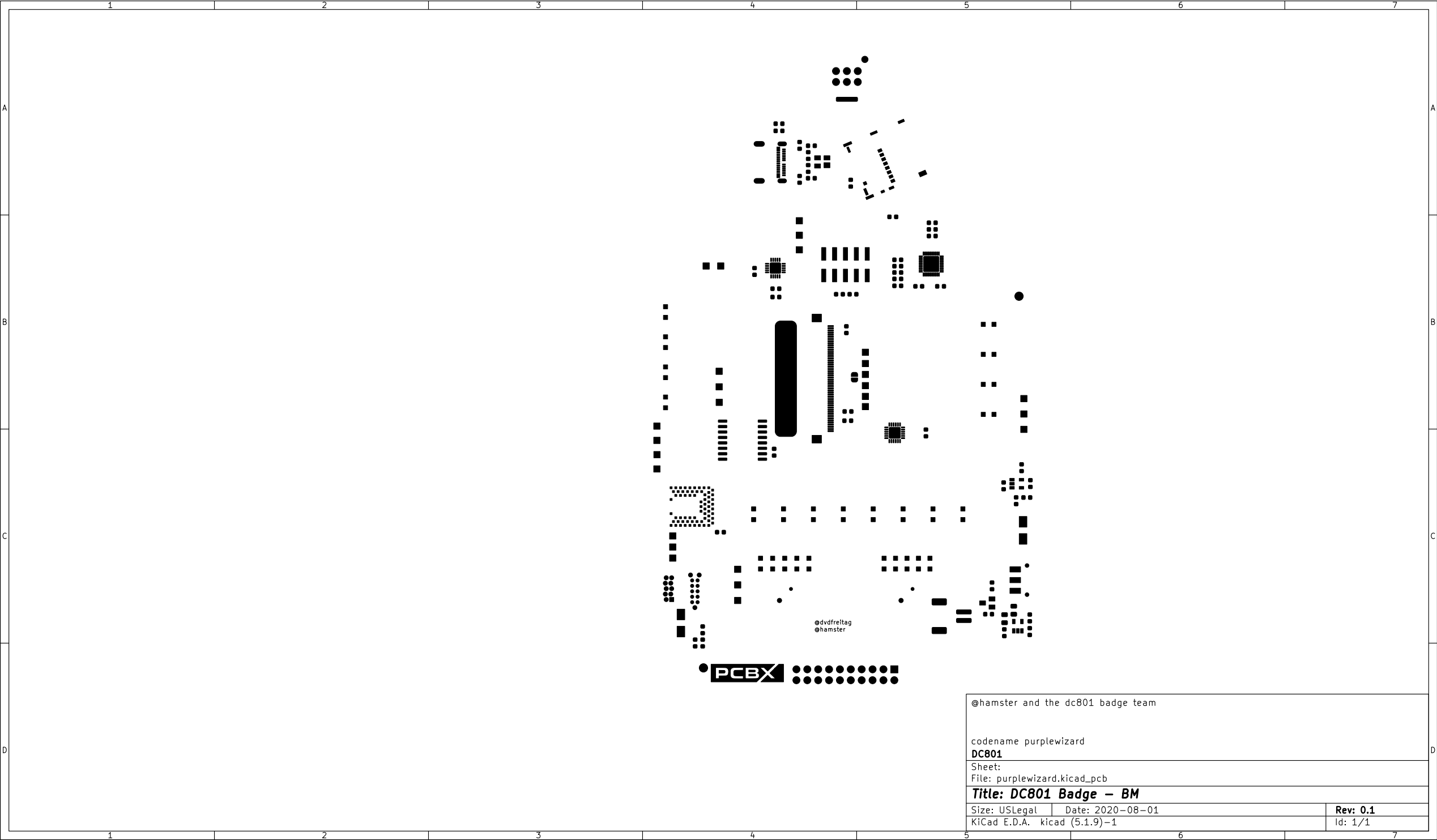
Id: 3/3



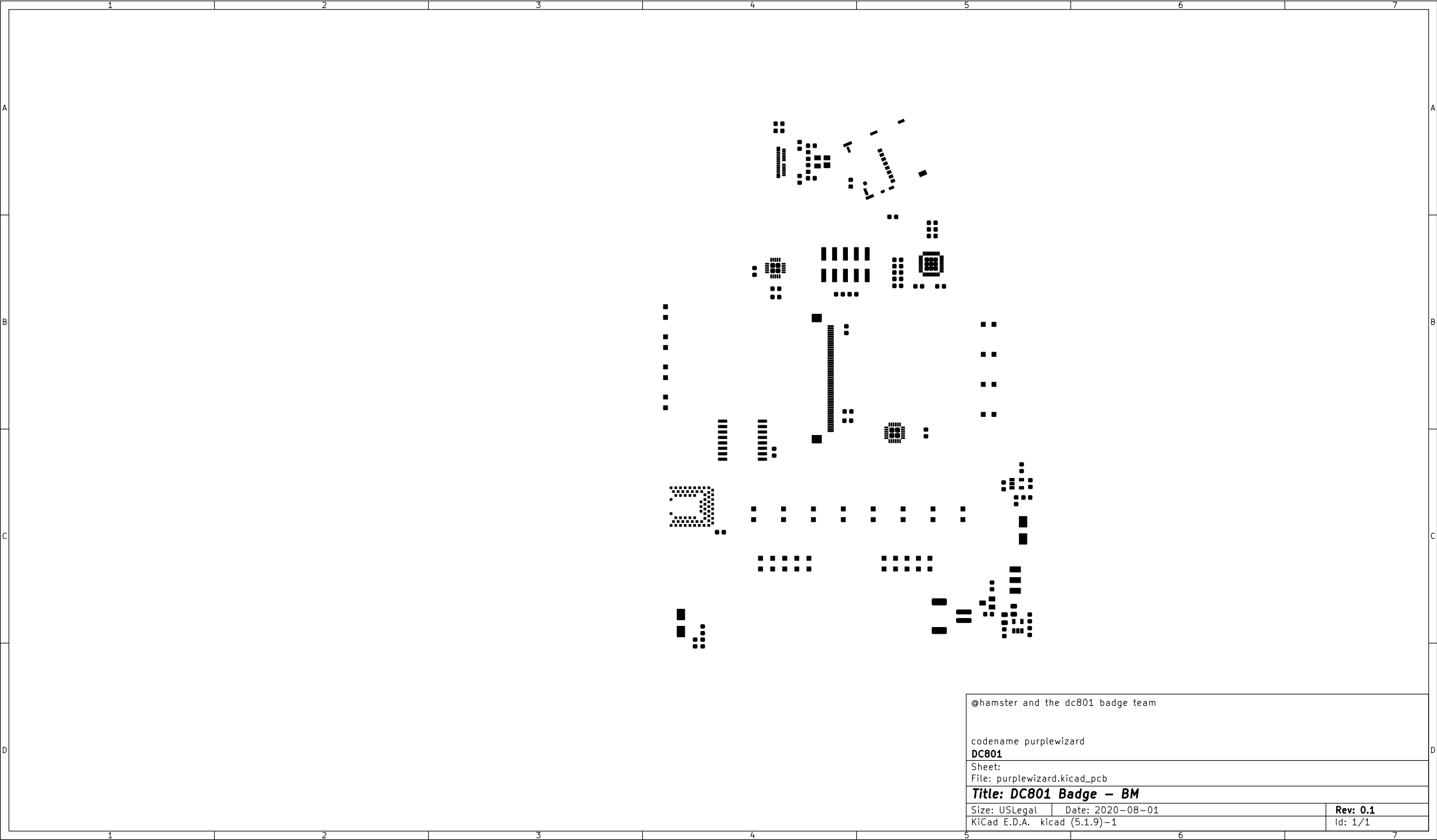
@hamster and the dc801 badge team		
codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1		Id: 1/1



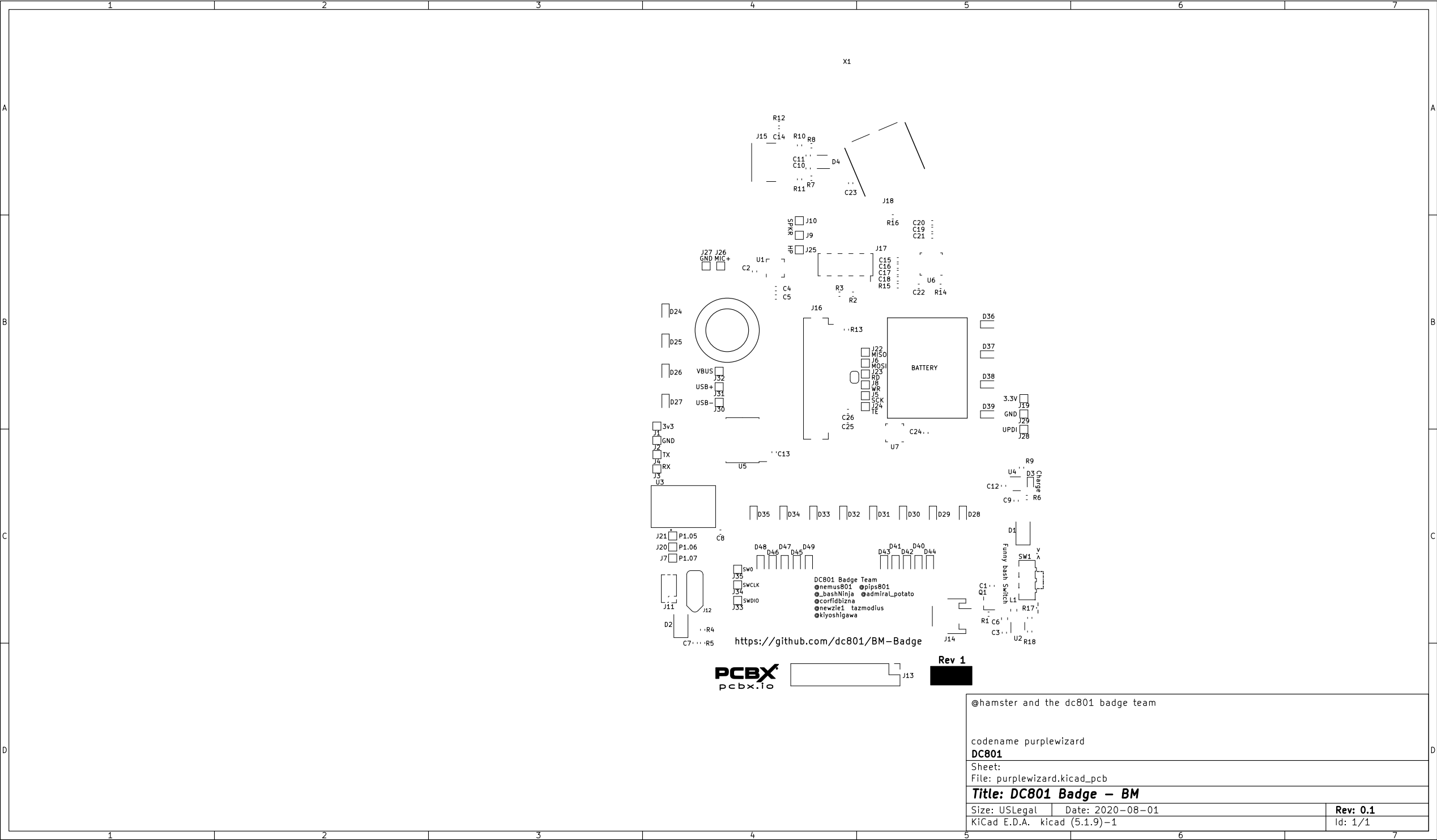
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codename purplewizard			
DC801			
Sheet:			
File: purplewizard.kicad_pcb			
Title: DC801 Badge – BM			
Size: USLegal	Date: 2020-08-01	Rev: 0.1	
KiCad E.D.A.	kicad (5.1.9)-1	Id: 1/1	



@hamster and the dc801 badge team		
codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



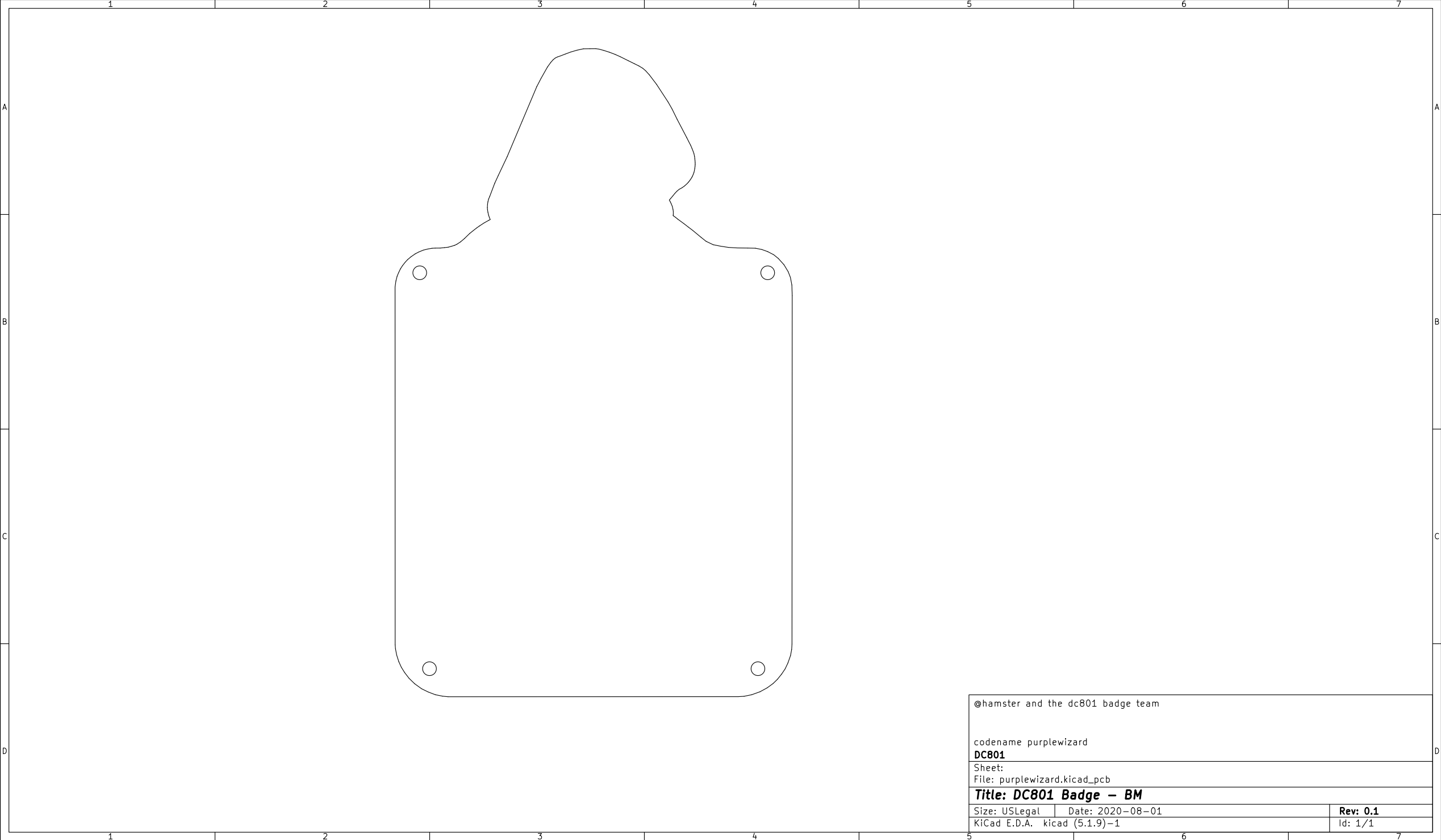
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codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



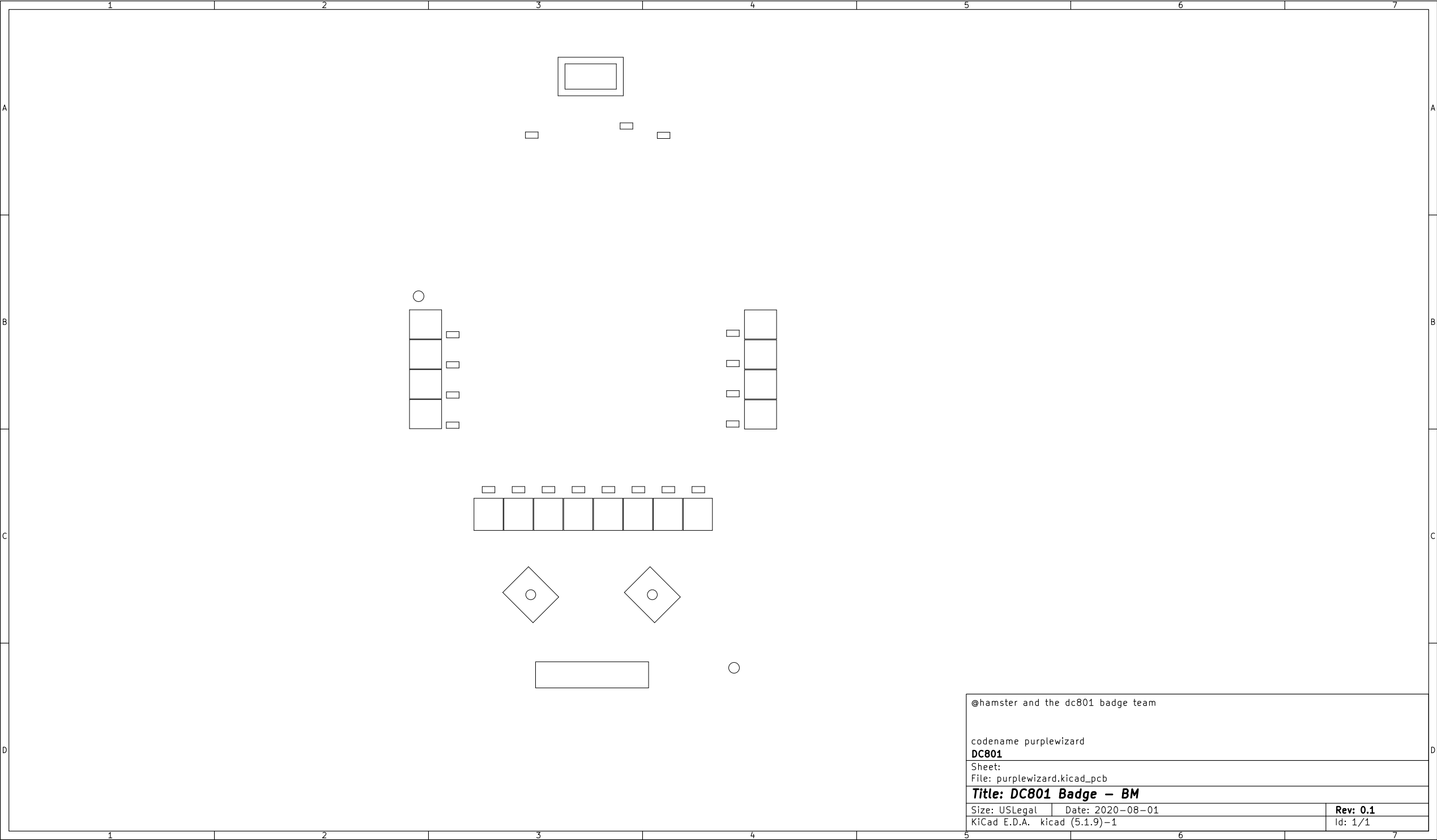
PCBX
pcb.x.io

Rev 1

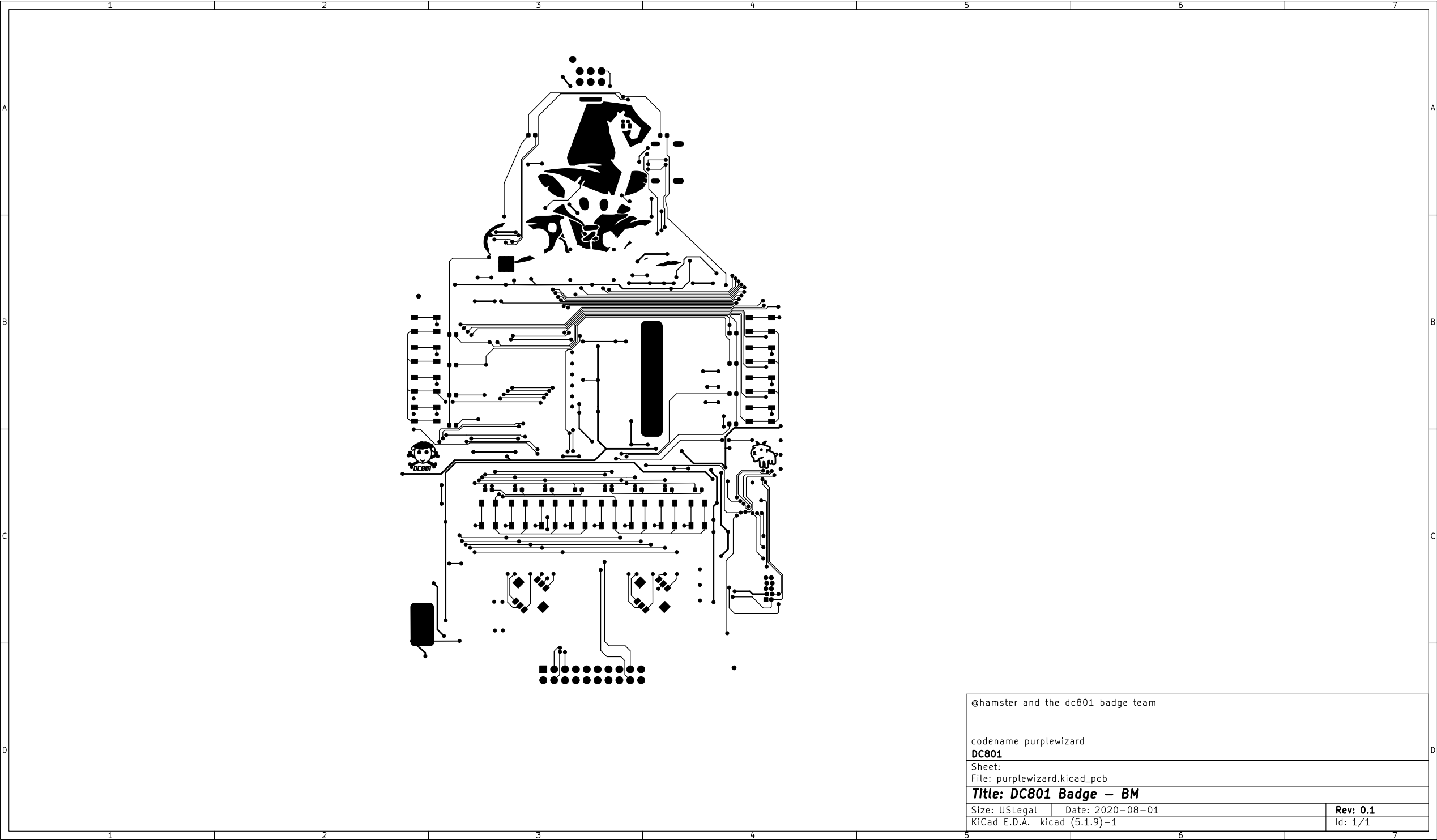
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codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A.	kicad (5.1.9)-1	Id: 1/1



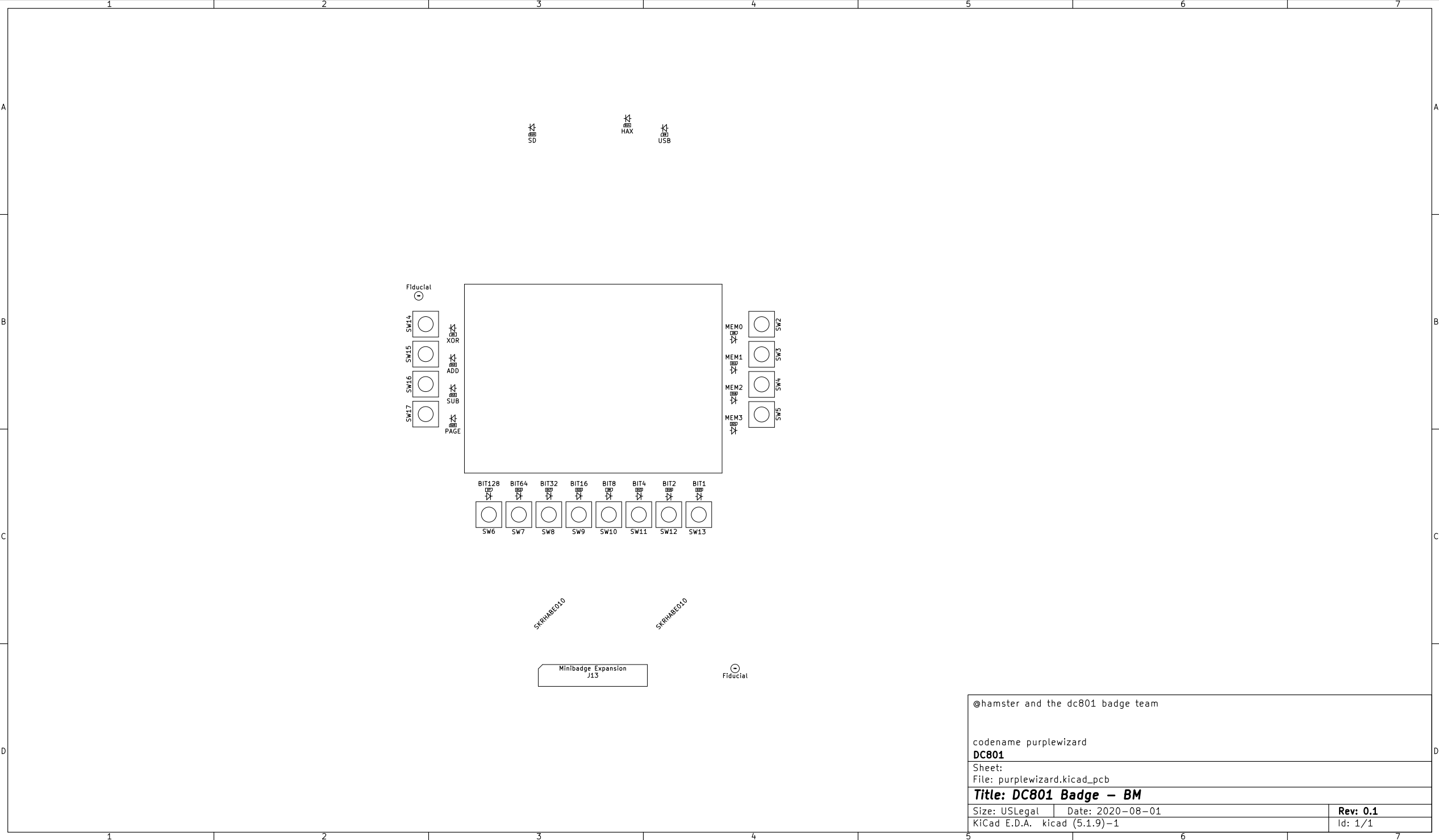
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codename purplewizard		
DC801		
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File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



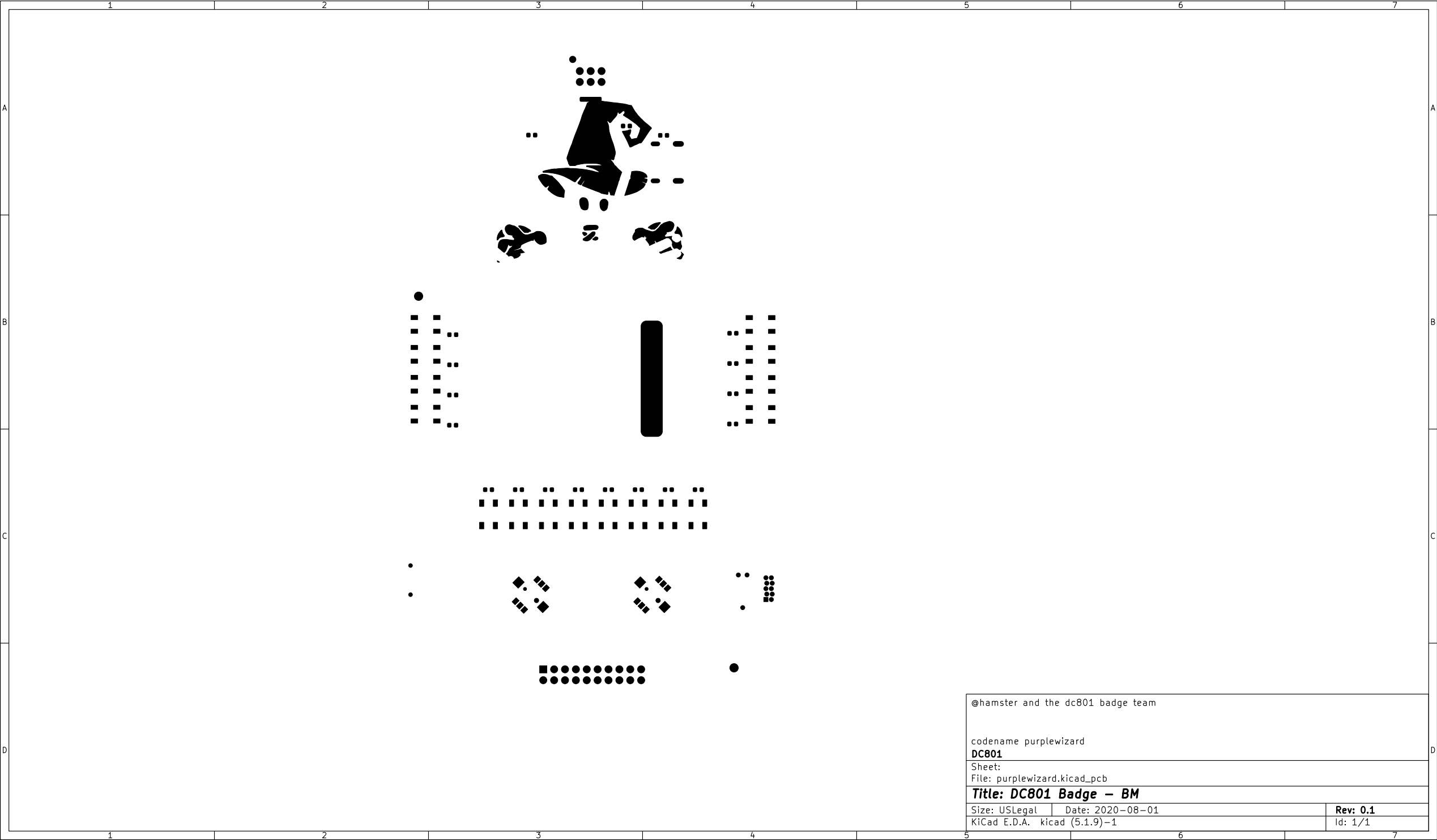
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codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	

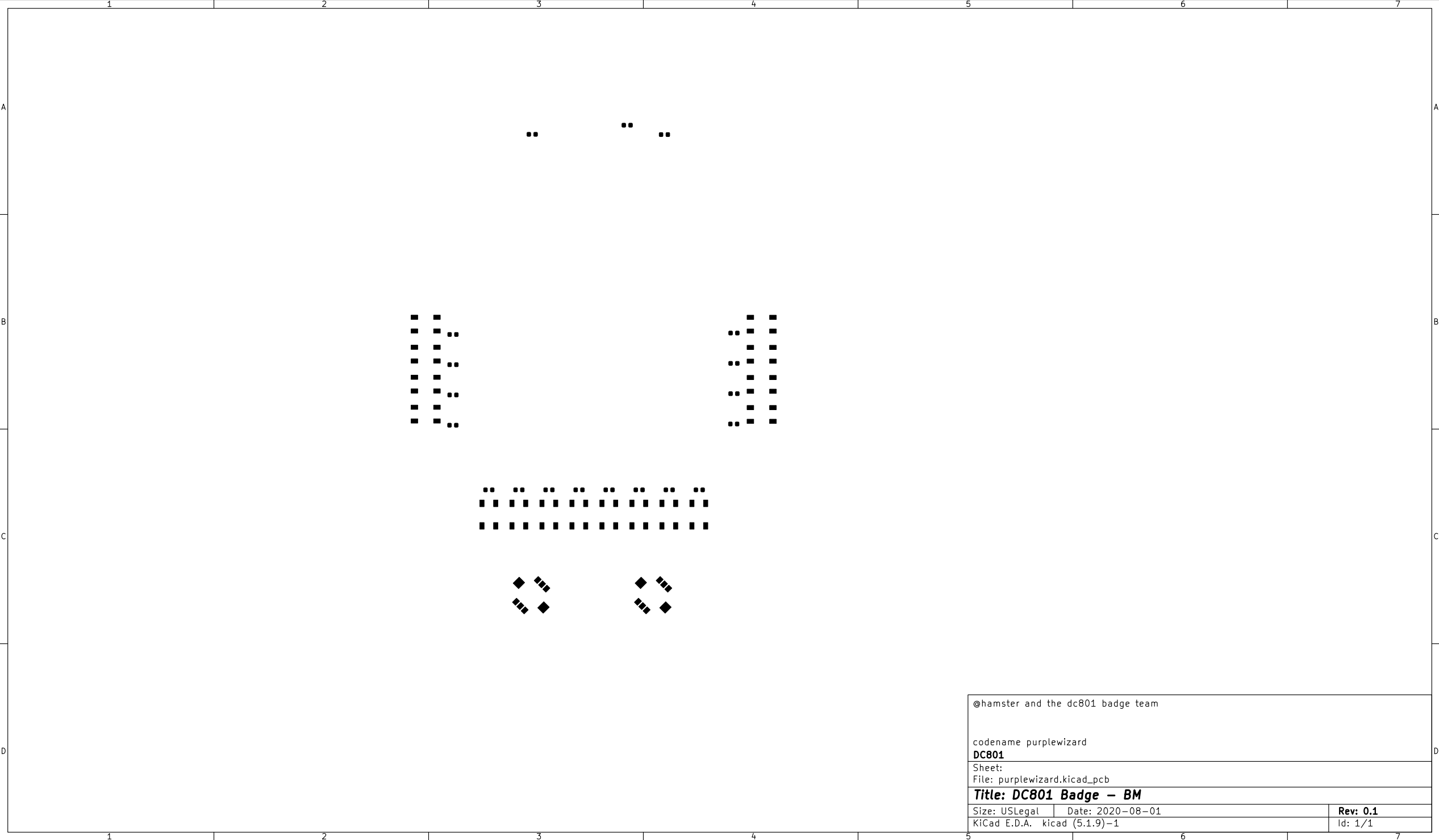


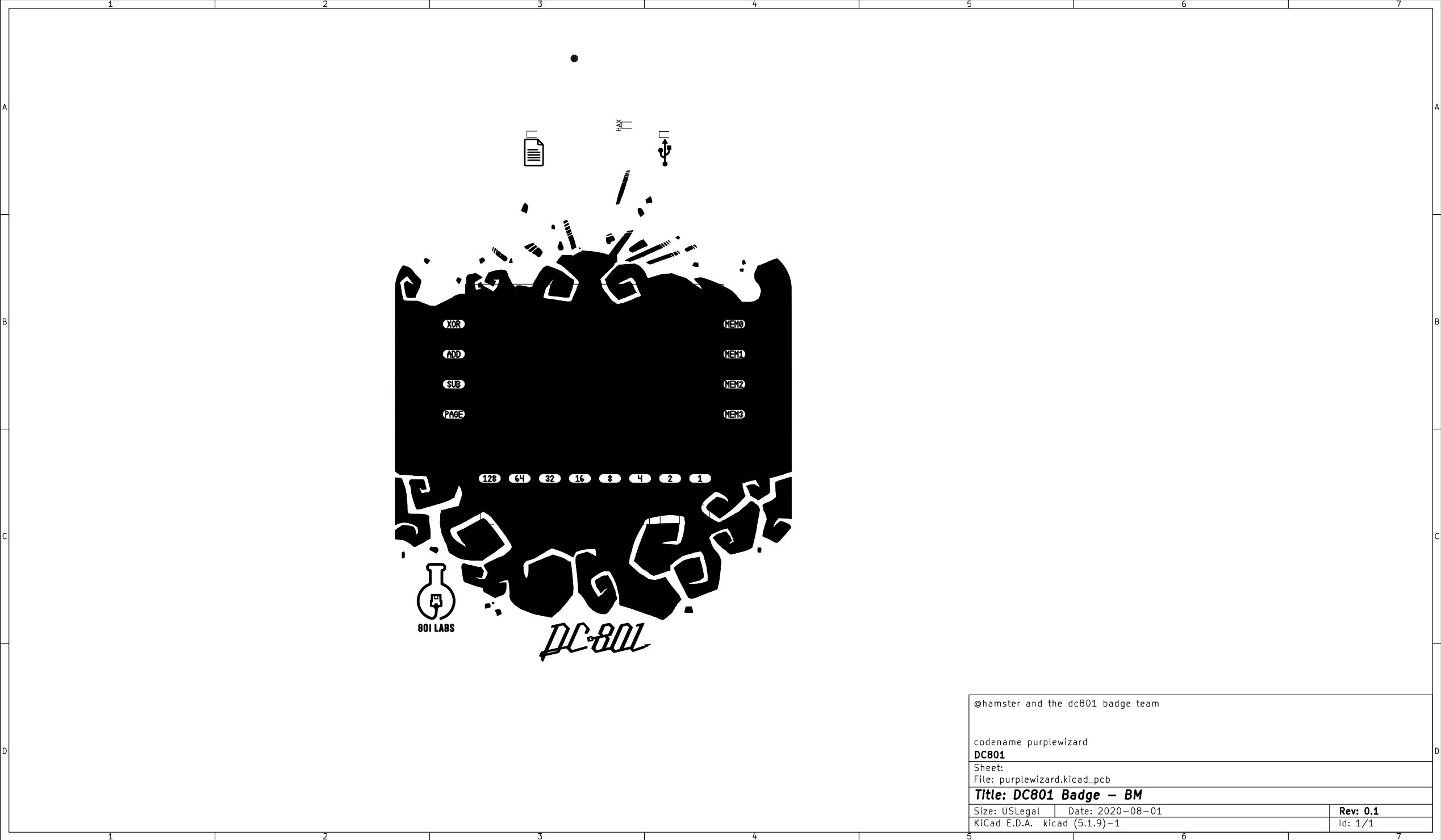
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codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



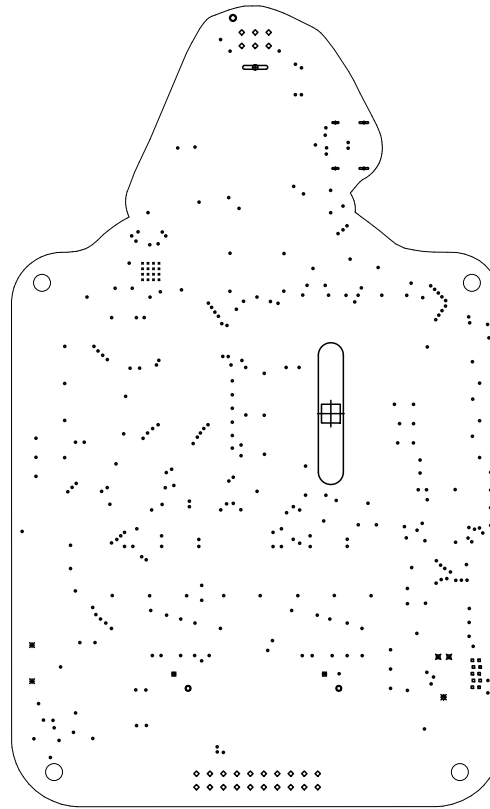
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codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1		Id: 1/1







@hamster and the dc801 badge team		
codename purplewizard		
DC801		
Sheet:		
File: purplewizard.kicad_pcb		
Title: DC801 Badge – BM		
Size: USLegal	Date: 2020-08-01	Rev: 0.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 1/1	



Drill Map:

• 0.30mm	/	0.012"	(16 holes)
• 0.40mm	/	0.016"	(319 holes)
• 0.60mm	/	0.024"	(0 holes + 4 slots)
• 0.65mm	/	0.026"	(10 holes)
• 1.00mm	/	0.039"	(26 holes)
▪ 0.75mm	/	0.030"	(2 holes) (not plated)
▪ 0.90mm	/	0.035"	(2 holes) (not plated)
▪ 0.99mm	/	0.039"	(2 holes) (not plated)
▪ 0.99mm	/	0.039"	(1 hole) (not plated)
• 1.00mm	/	0.039"	(1 slot) (not plated)
• 1.05mm	/	0.041"	(2 holes) (not plated)
• 1.27mm	/	0.050"	(1 hole) (not plated)
⊞ 5.00mm	/	0.197"	(1 slot) (not plated)