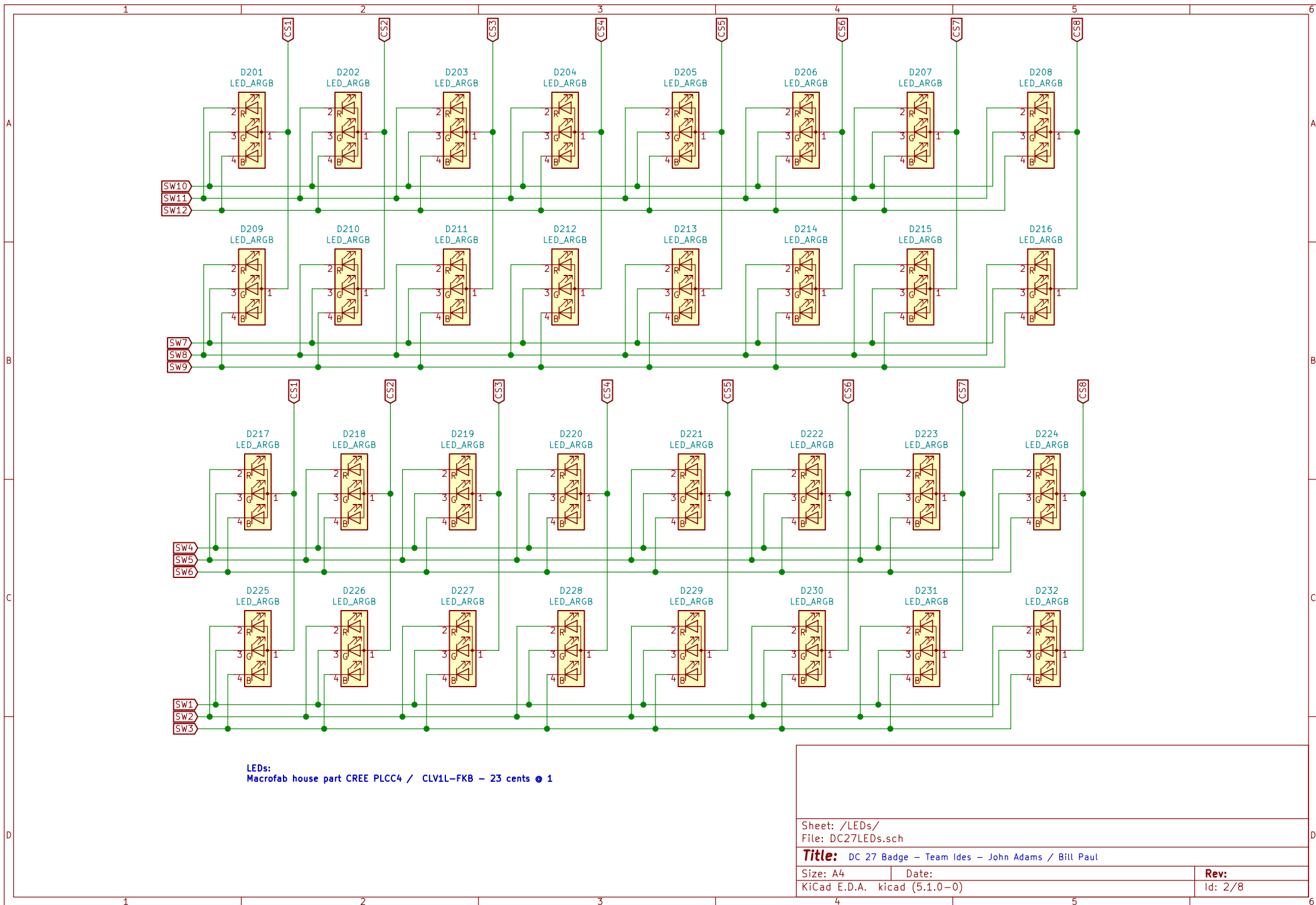
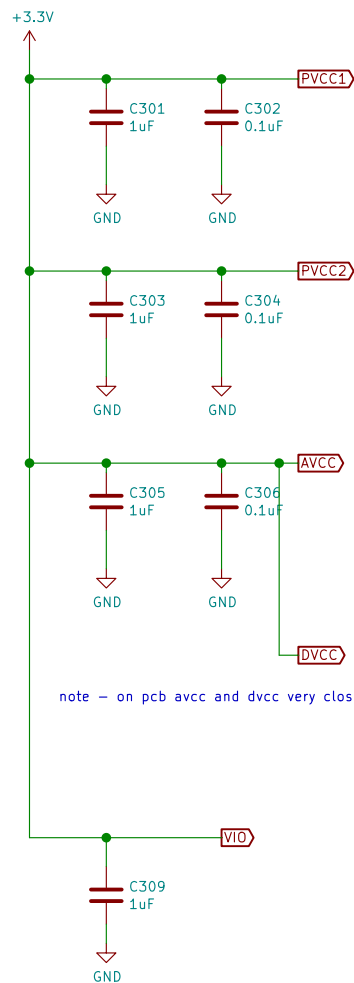


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File: DC27-badge.sch	
Title: DC27 BADGE - CPU, DISPLAY, USER INTERFACE - REV 1	
Size: A4	Date:
KiCad E.D.A. kicad (5.1.0-0)	Rev:
	Id: 1/8

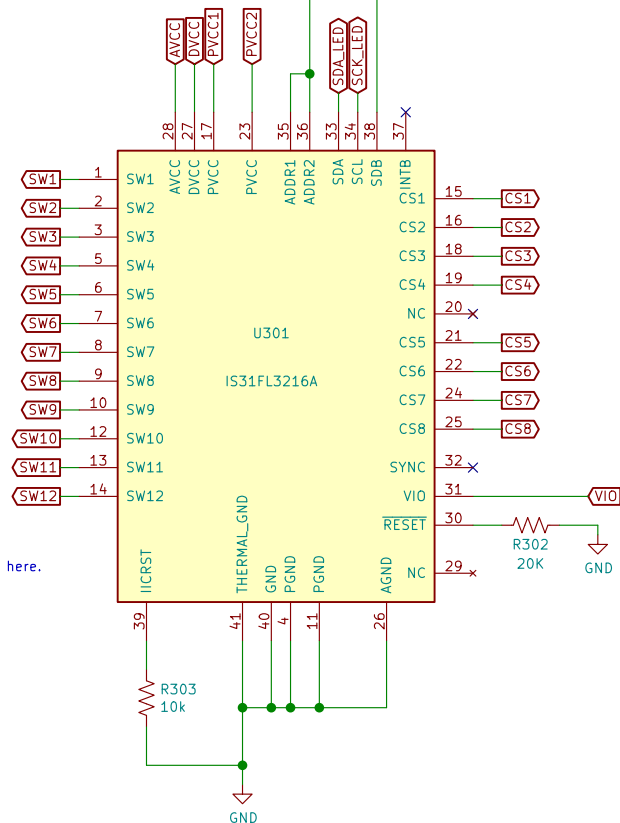


Decoupling



note – on pcb avcc and dvcc very close, removing bypass caps here.

i2c addr 0xA0 (write) 0xA1 (read)
checked all pins 12/29



Sheet: /LED Interface/
File: DC27LED_INTERFACE.sch

Title: DC 27 Badge – Team Ides – John Adams / Bill Paul

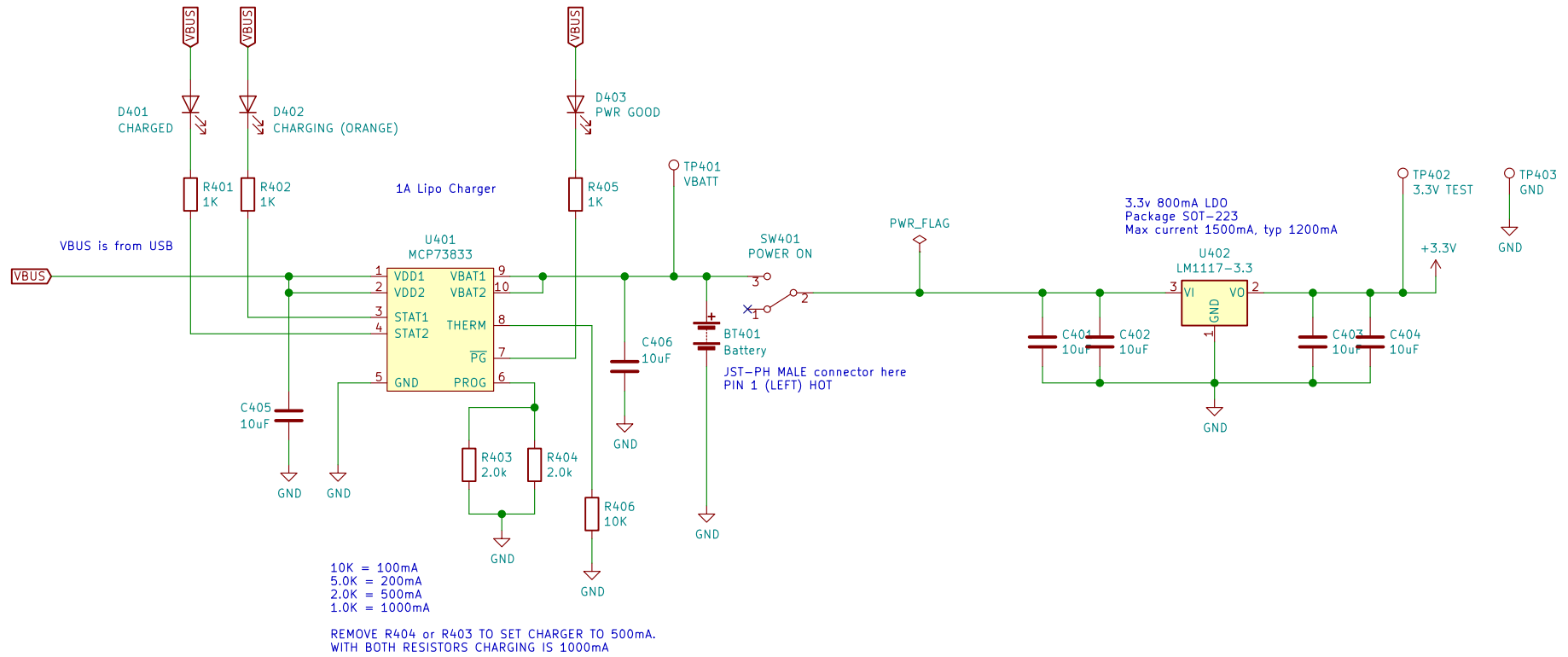
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KiCad E.D.A. kicad (5.1.0-0)

Date:

Rev:

Id: 3/8

LiPo Charging and USB Power



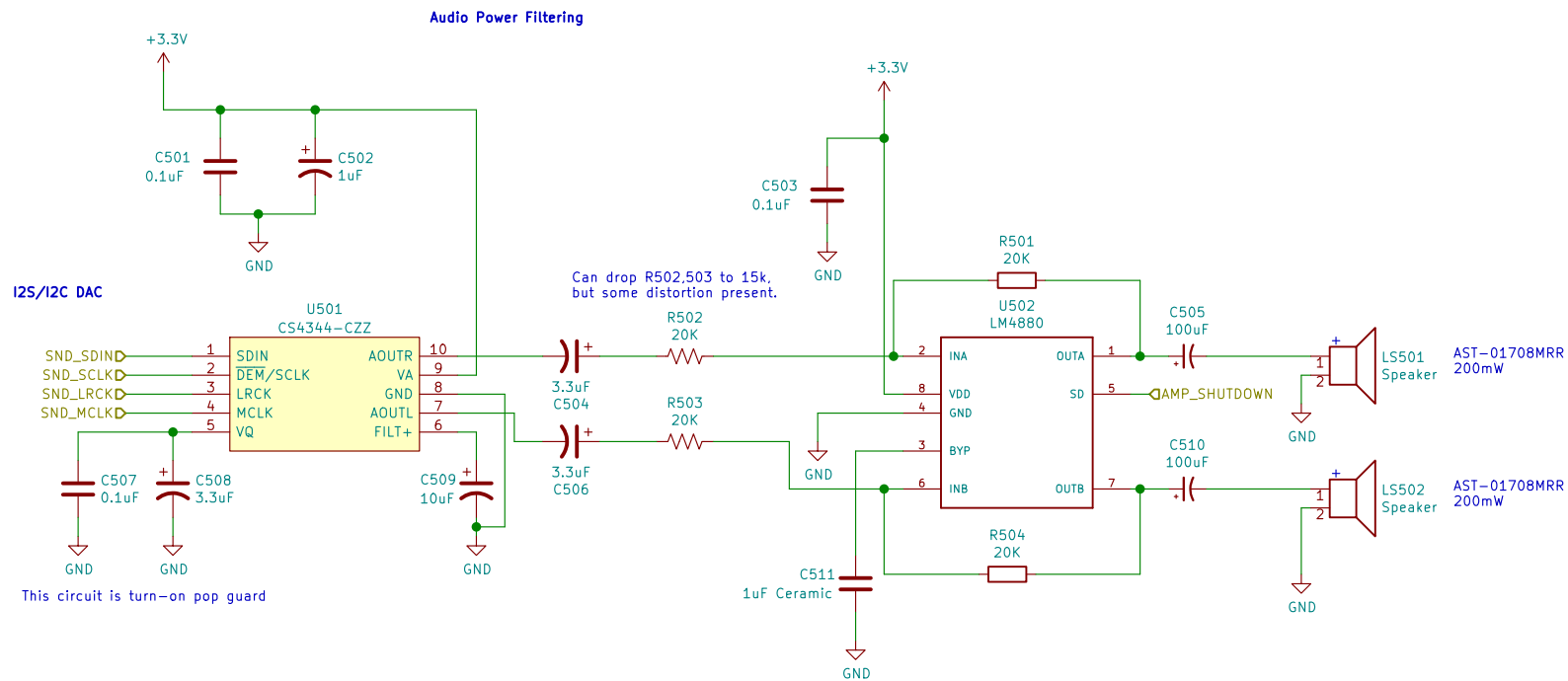
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File: DC27-DC Power.sch

Title: DC 27 Badge – Team Ides – John Adams / Bill Paul

Size: A4
KiCad E.D.A. kicad (5.1.0-0)

Date:

Rev:
Id: 4/8



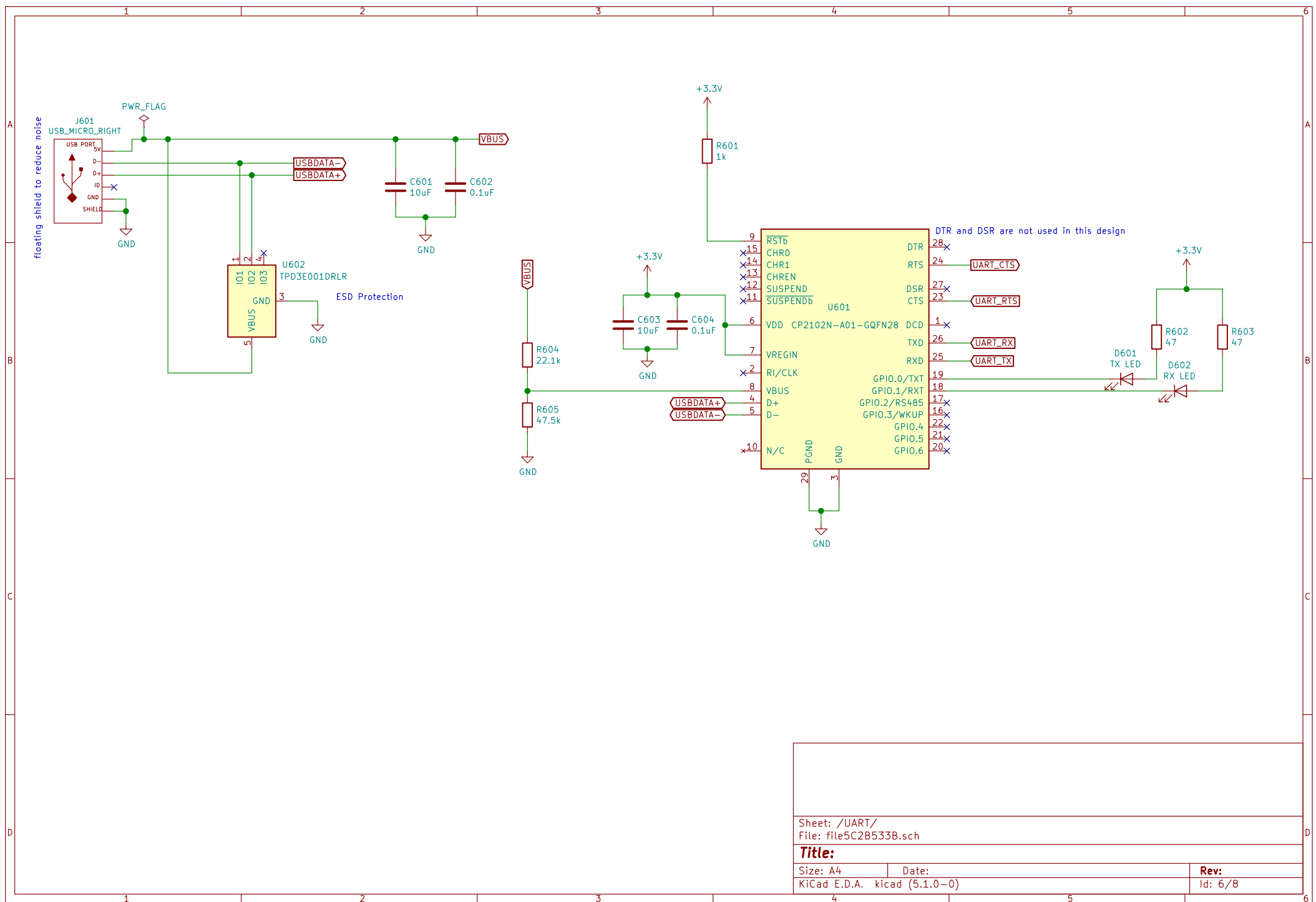
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File: DC27Audio.sch

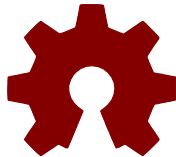
Title: DC 27 Badge – Team Ides – John Adams / Bill Paul

Size: A4
KiCad E.D.A. kicad (5.1.0-0)

Date:

Rev:
Id: 5/8





Display Mounts

MH701
DISP UL

MH703
DISP LL

MH702
DISP UR

MH704
DISP LR

Lanyard Holes

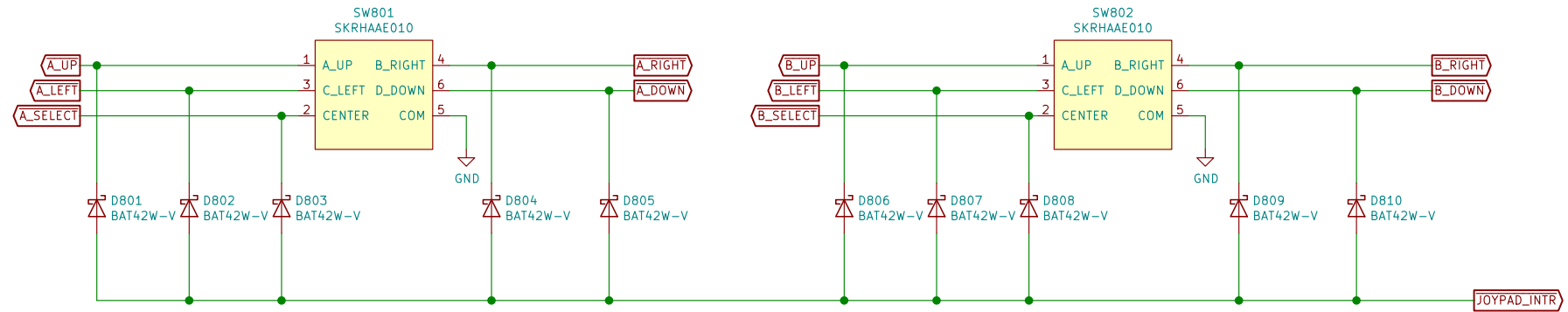
MH705
LANYARD1

MH706
LANYARD2

Artwork

Sheet: /Mechanicals/ File: mechanicals.sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.0-0)		Id: 7/8

Joypad Control



Sheet: /DC27Switches/
File: DC27_Switches.sch

Title: DC27 Badge – Joypad and Joypad Interrupt

Size: A4 Date: 4/12/2019
KiCad E.D.A. kicad (5.1.0-0)

Rev: 1
Id: 8/8