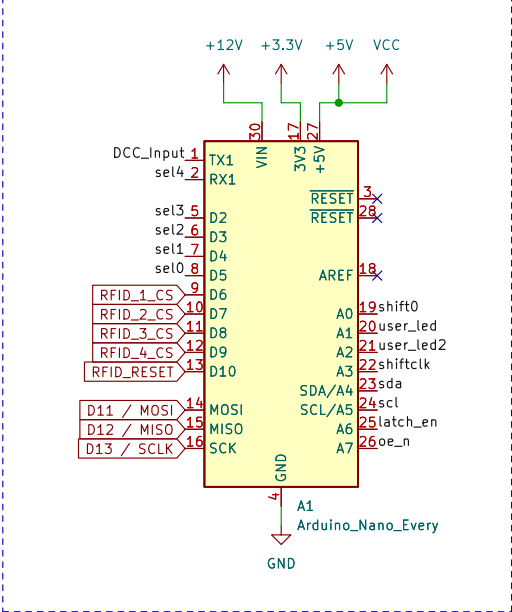
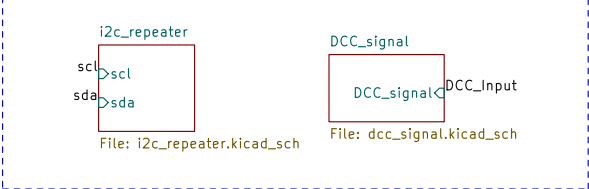


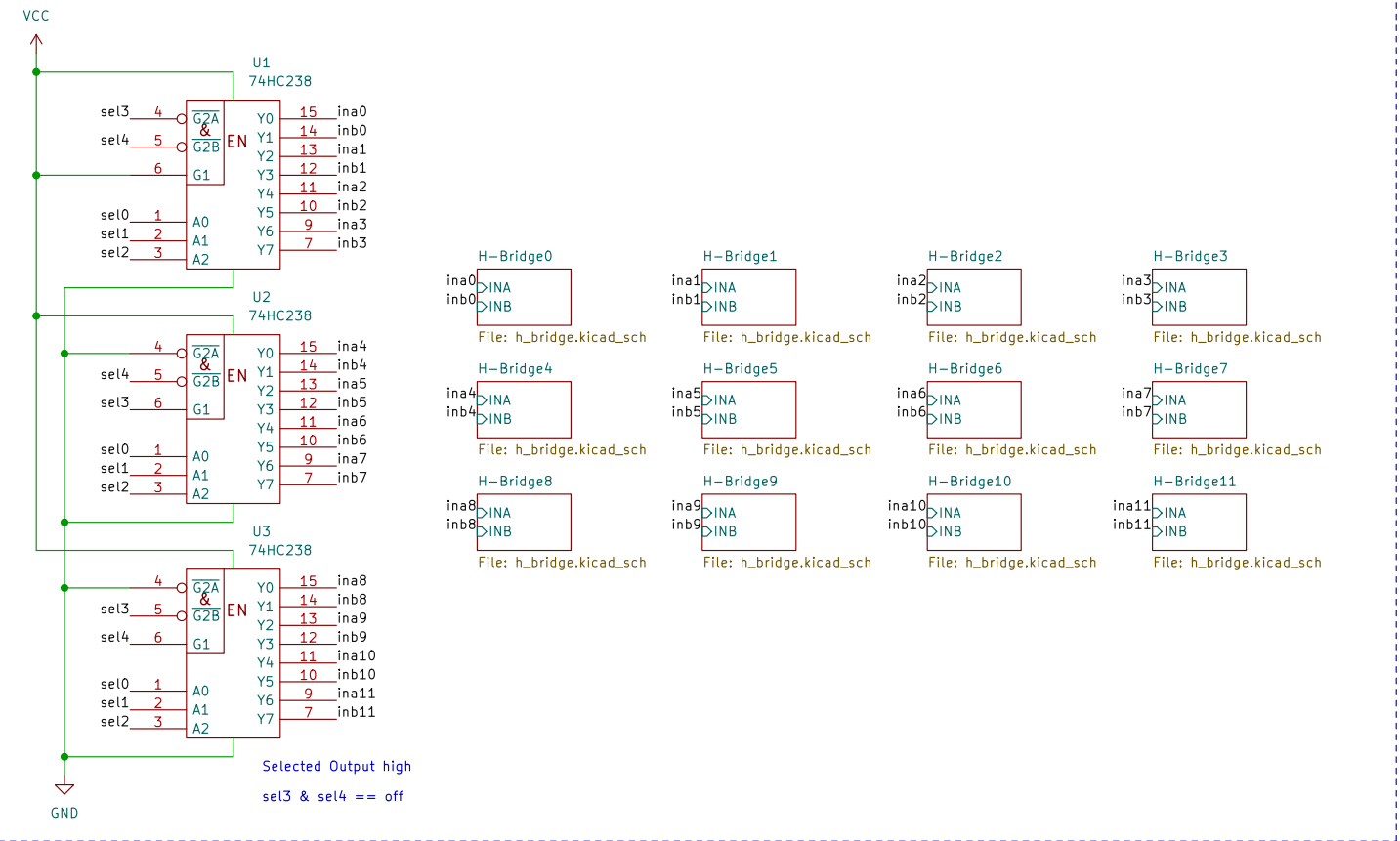
Arduino Nano Every



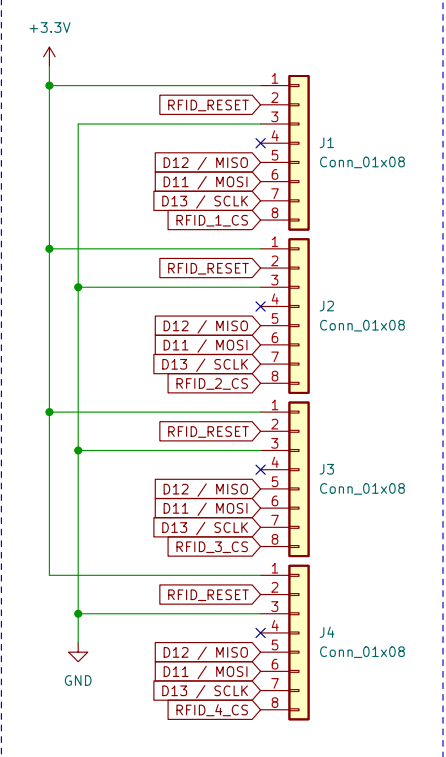
Input



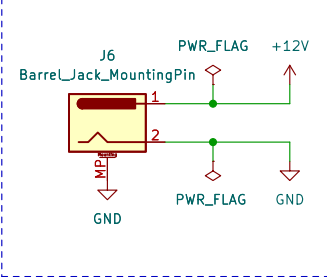
Solenoid Drivers



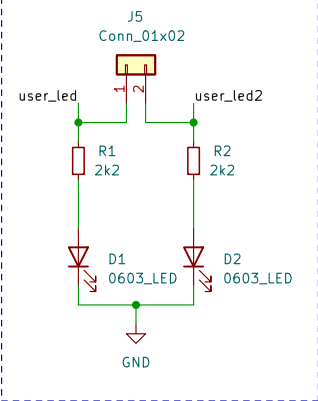
Connectors to RC522 RFID Boards



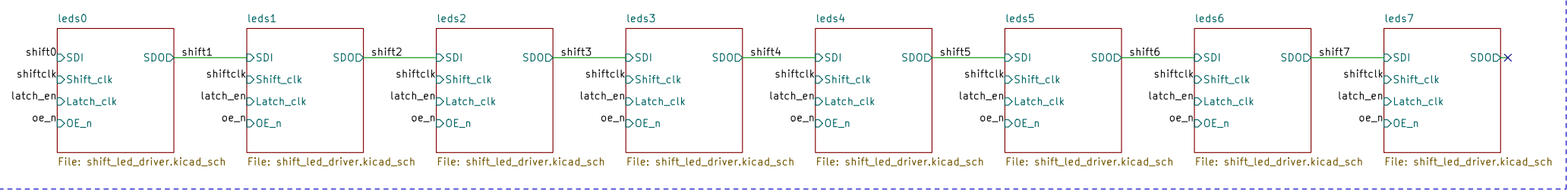
Barrel Jack



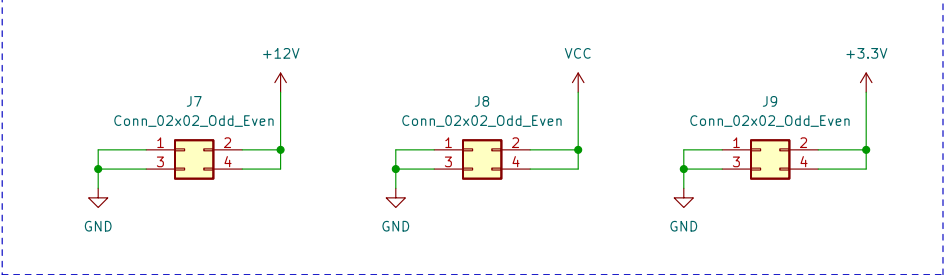
Onboard LED



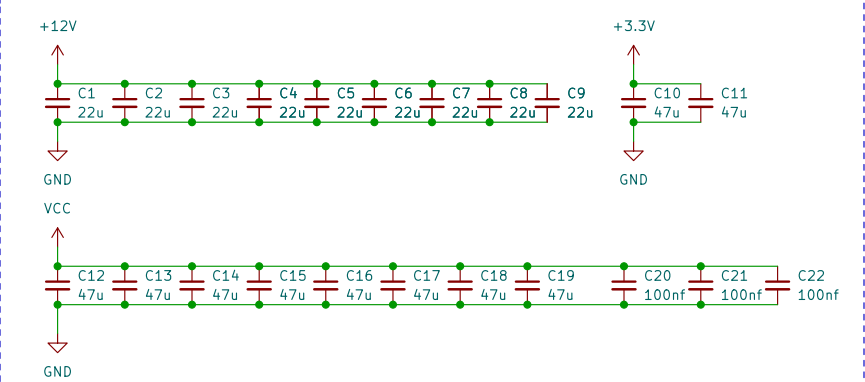
LED Driver Shift Register



Power Connections



Bulk Capacitance

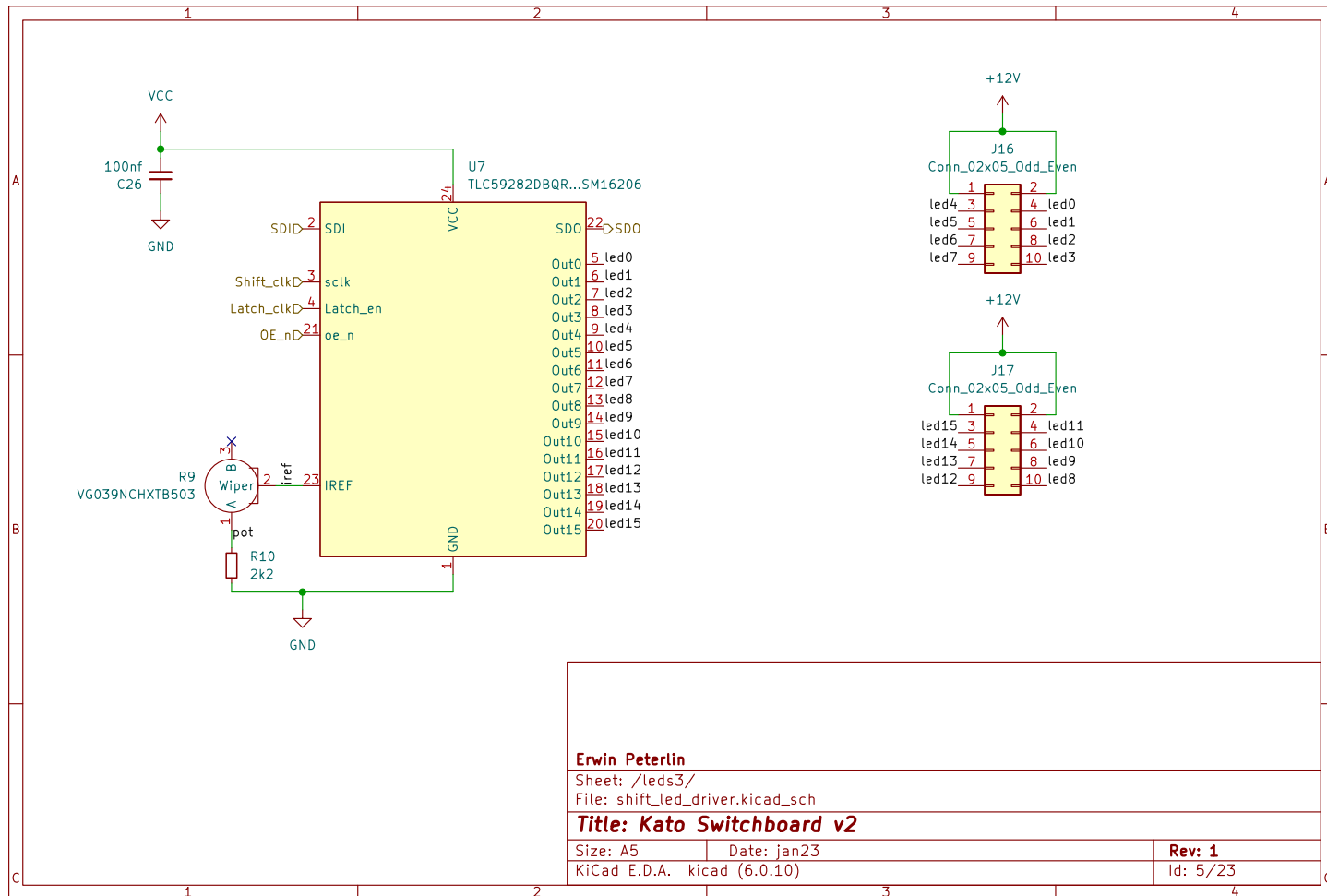


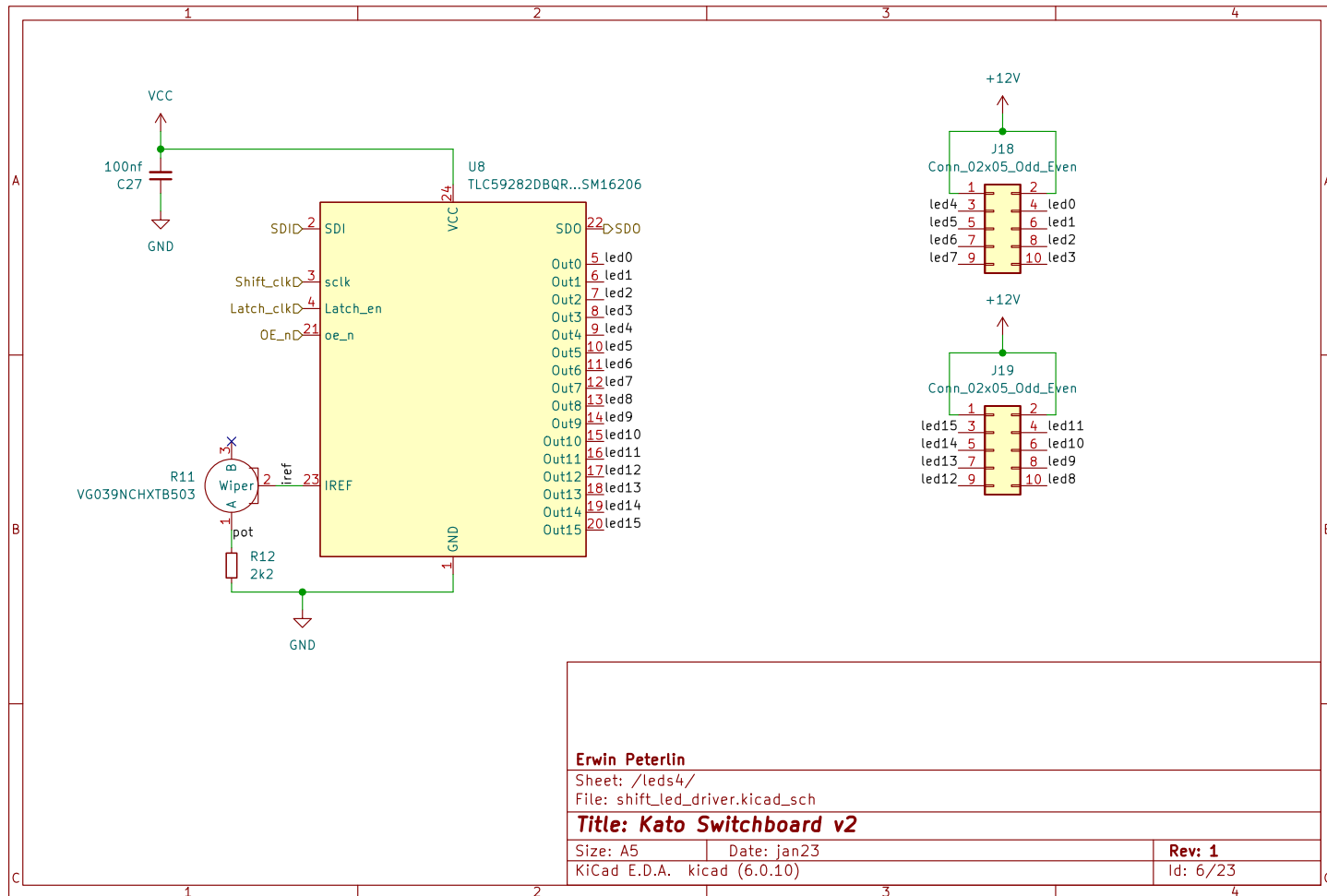
- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole
- H5 MountingHole
- H6 MountingHole
- H7 MountingHole
- H8 MountingHole











Erwin Peterlin

Sheet: /leds4/

File: shift\_led\_driver.kicad\_sch

**Title: Kato Switchboard v2**

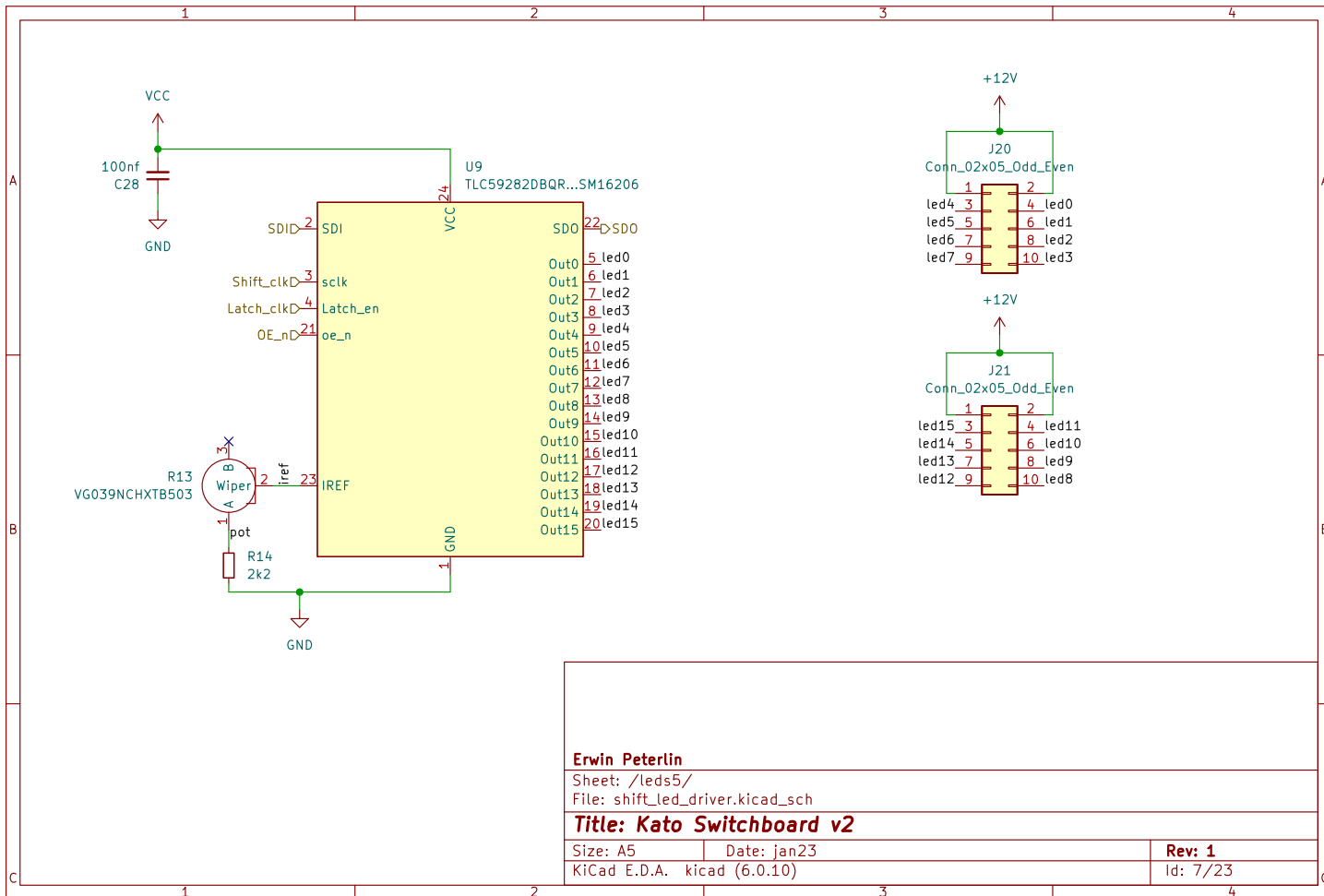
Size: A5

Date: jan23

KiCad E.D.A. kicad (6.0.10)

**Rev: 1**

Id: 6/23



Erwin Peterlin

Sheet: /leds5/

File: shift\_led\_driver.kicad\_sch

**Title: Kato Switchboard v2**

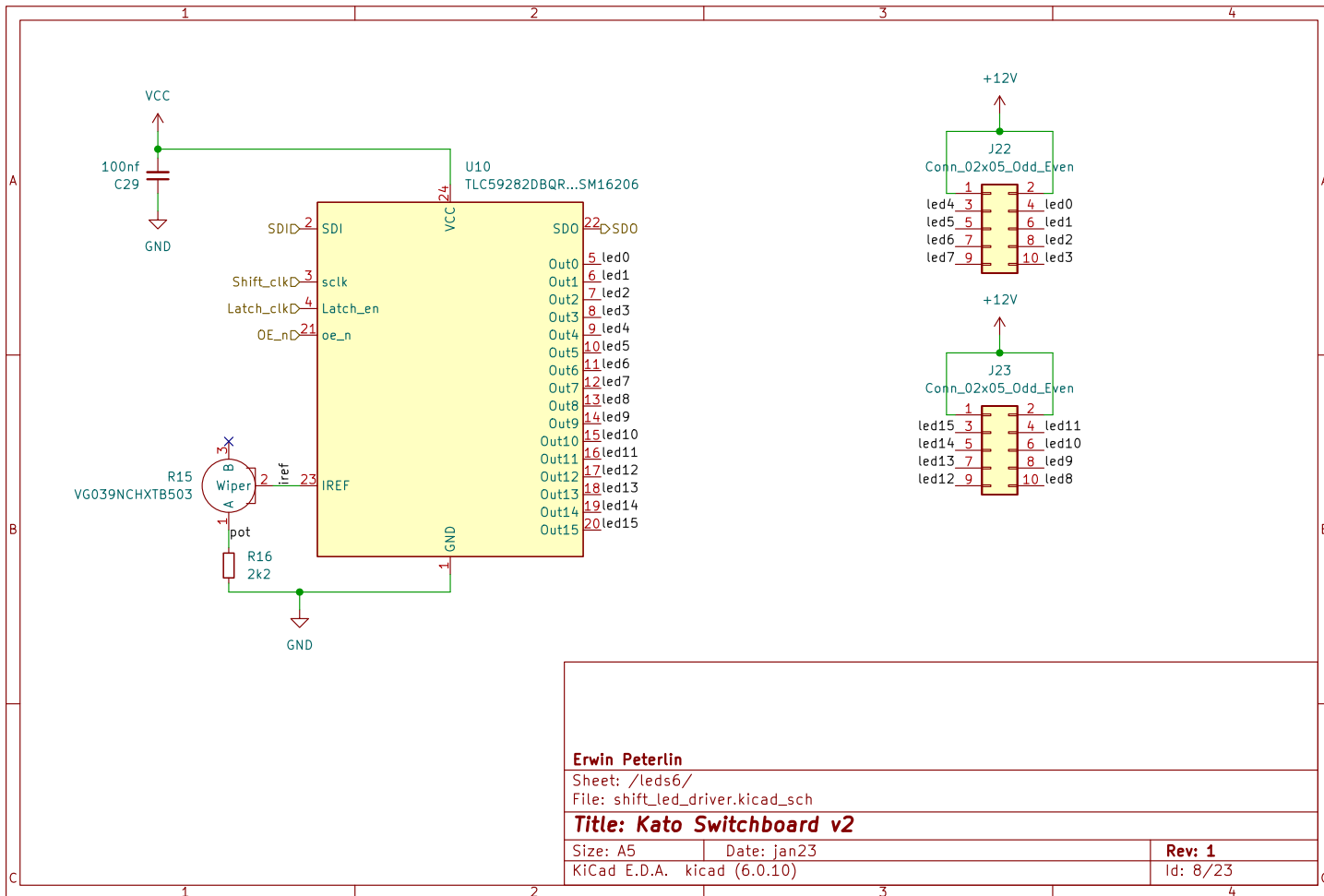
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Date: jan23

KiCad E.D.A. kicad (6.0.10)

**Rev: 1**

Id: 7/23



Erwin Peterlin

Sheet: /leds6/

File: shift\_led\_driver.kicad\_sch

**Title: Kato Switchboard v2**

Size: A5 Date: jan23

KiCad E.D.A. kicad (6.0.10)

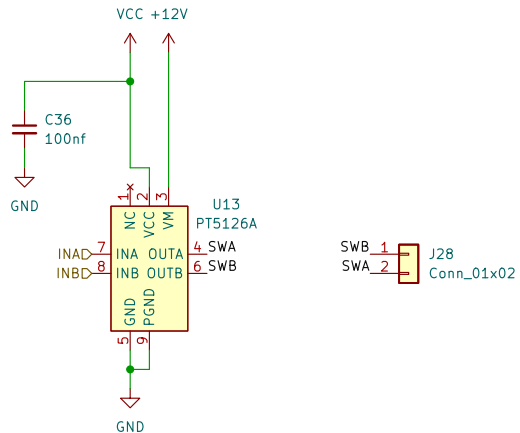
Rev: 1

Id: 8/23









Sheet: /H-Bridge0/  
File: h\_bridge.kicad\_sch

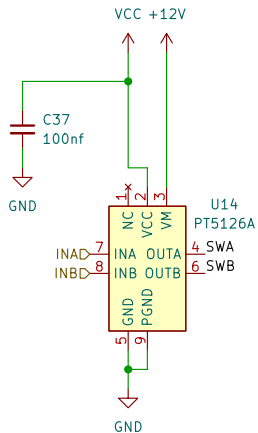
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Size: A5  
KiCad E.D.A. kicad (6.0.10)

Date:

**Rev:**

Id: 11/23



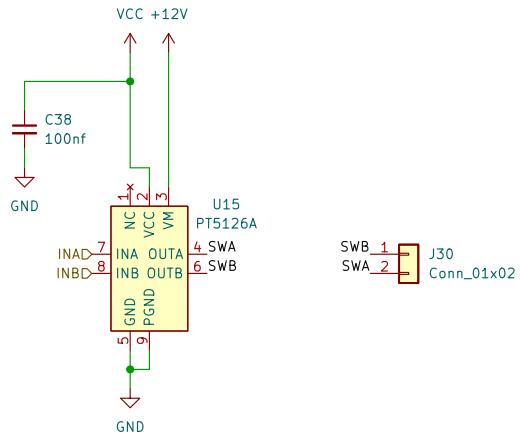
SWB 1 J29  
SWA 2 Conn\_01x02

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File: h\_bridge.kicad\_sch

**Title:**

Size: A5 Date:  
KiCad E.D.A. kicad (6.0.10)

**Rev:**  
Id: 12/23

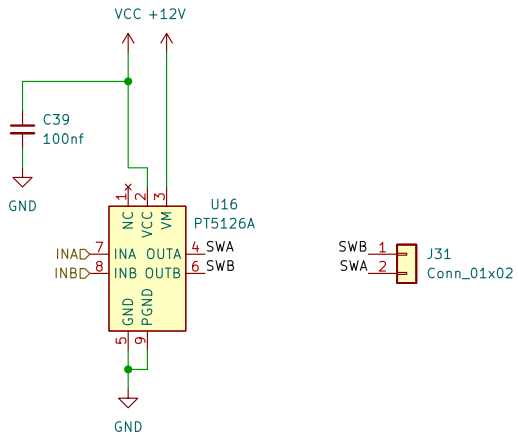


Sheet: /H-Bridge2/  
File: h\_bridge.kicad\_sch

**Title:**

Size: A5 Date:  
KiCad E.D.A. kicad (6.0.10)

**Rev:**  
Id: 13/23



Sheet: /H-Bridge3/  
File: h\_bridge.kicad\_sch

**Title:**

Size: A5  
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Date:

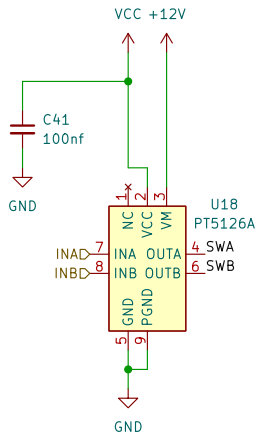
**Rev:**

Id: 14/23



Size: A5

Rev: 15/23



SWB 1 J33  
SWA 2 Conn\_01x02

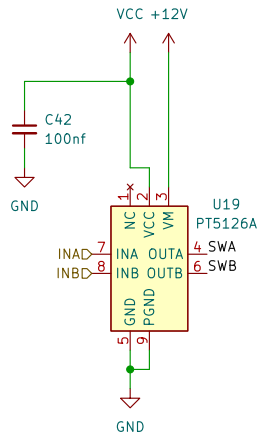
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**Title:**

Size: A5 Date:  
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**Rev:**  
Id: 16/23





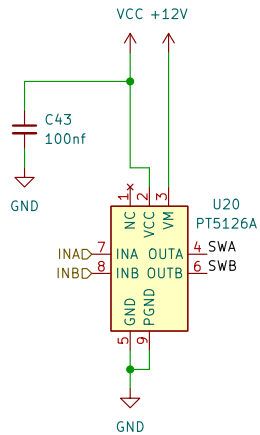
SWB 1 J34  
SWA 2 Conn\_01x02

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Size: A5 Date:  
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**Rev:**  
Id: 17/23



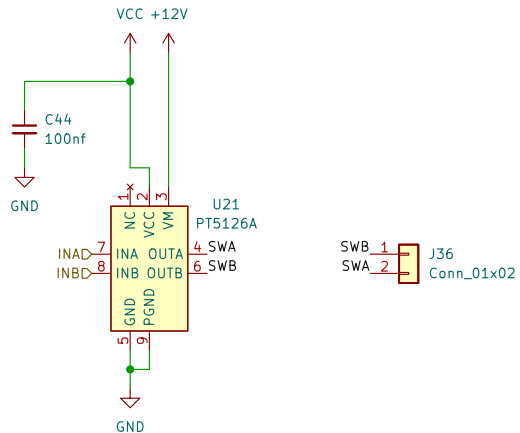
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SWA 2 Conn\_01x02

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Size: A5 Date:  
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**Rev:**  
Id: 18/23

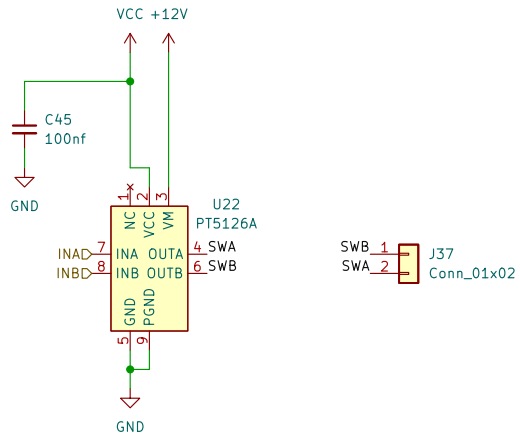


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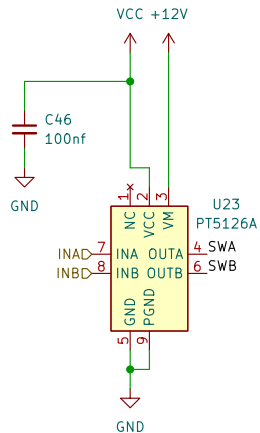
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**Rev:**  
Id: 19/23



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Size: A5	Date:	Rev:
KiCad E.D.A. kicad (6.0.10)		Id: 20/23



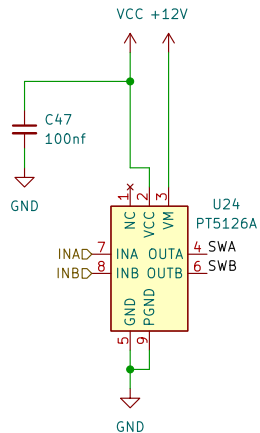
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SWA 2 Conn\_01x02

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File: h\_bridge.kicad\_sch

**Title:**

Size: A5 Date:  
KiCad E.D.A. kicad (6.0.10)

**Rev:**  
Id: 21/23



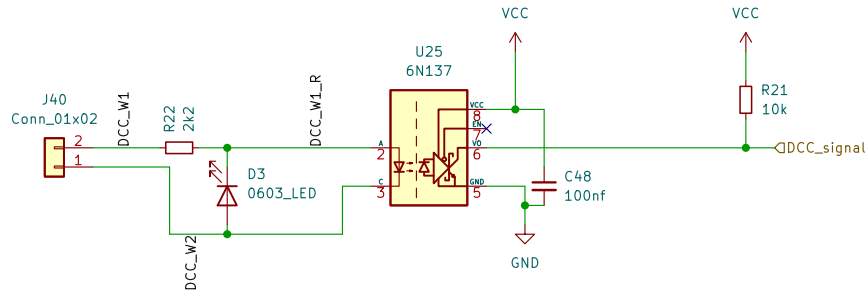
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SWA 2 Conn\_01x02

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File: h\_bridge.kicad\_sch

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Size: A5 Date:  
KiCad E.D.A. kicad (6.0.10)

**Rev:**  
Id: 22/23



Sheet: /DCC\_signal/  
File: dcc\_signal.kicad\_sch

**Title:**

Size: A5  
KiCad E.D.A. kicad (6.0.10)

Date:

**Rev:**

Id: 23/23