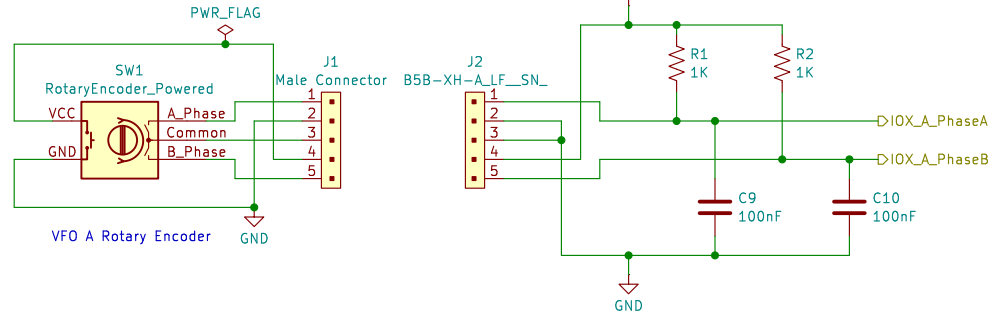
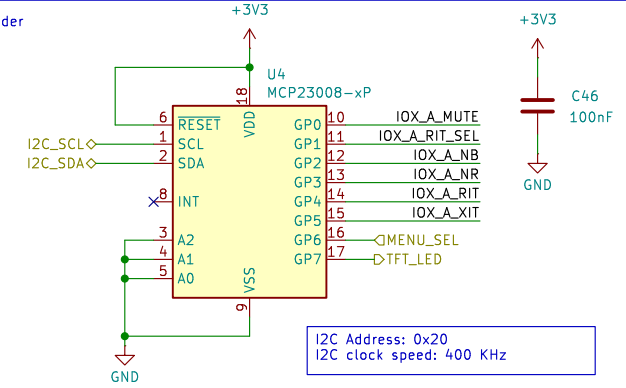


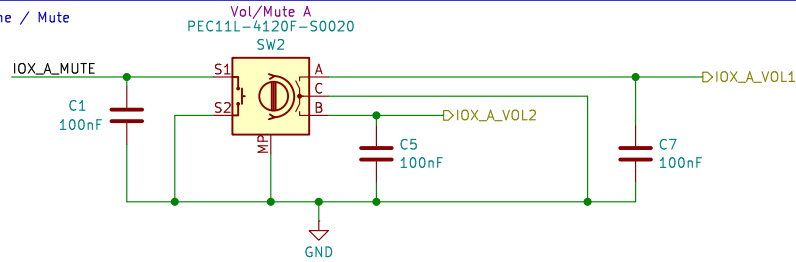
# Slice Tuning



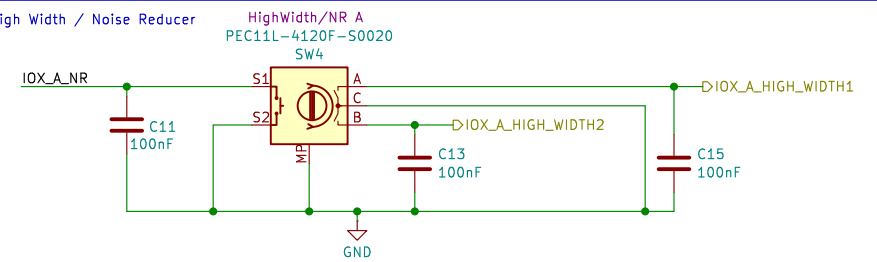
# I2C I/O Expander



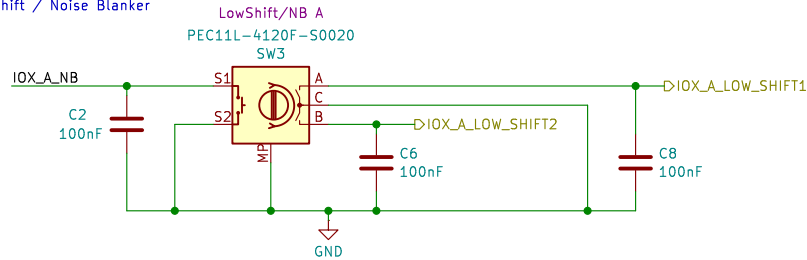
# Volume / Mute



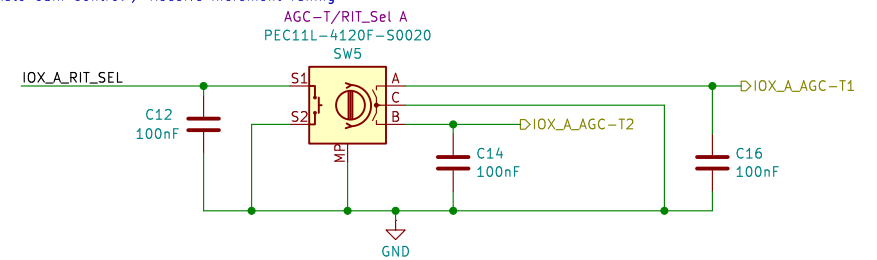
# High Width / Noise Reducer



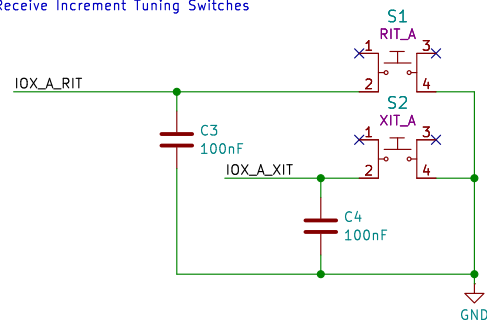
# Low Shift / Noise Blanker



# Auto Gain Control / Receive Increment Tuning



# Transmit / Receive Increment Tuning Switches



PCB design by NV0E

Based on original design by KD0RC.

NV0E

Sheet: /IO Expander A/

File: io\_expander\_a.kicad\_sch

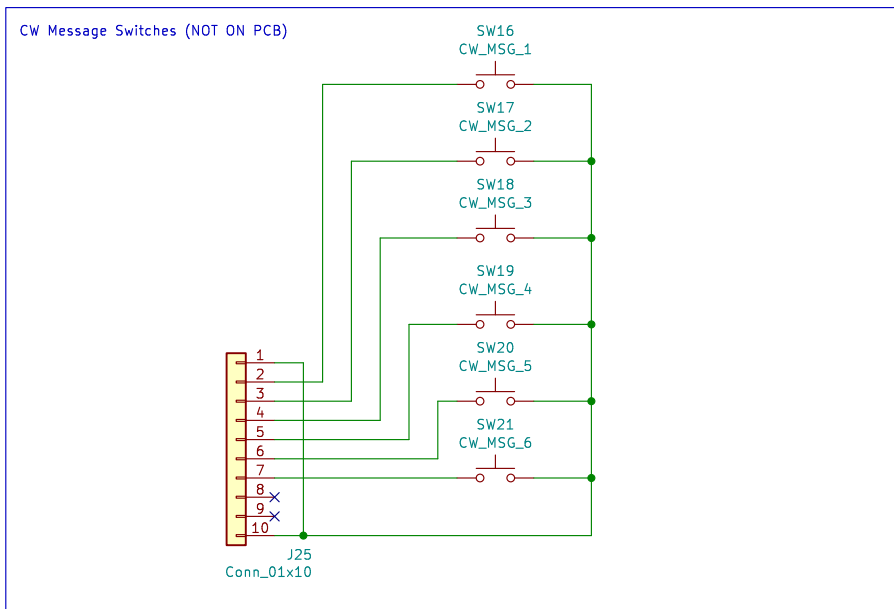
**Title: KD0RC TeensyMaestro**

Size: USLetter Date: 2025-07-27

KiCad E.D.A. 9.0.3

Rev: v3.0

Id: 3/8



PCB design by NV0E

Based on original design by KD0RC.

**NV0E**

Sheet: /Message Switches/

File: message\_switches.kicad\_sch

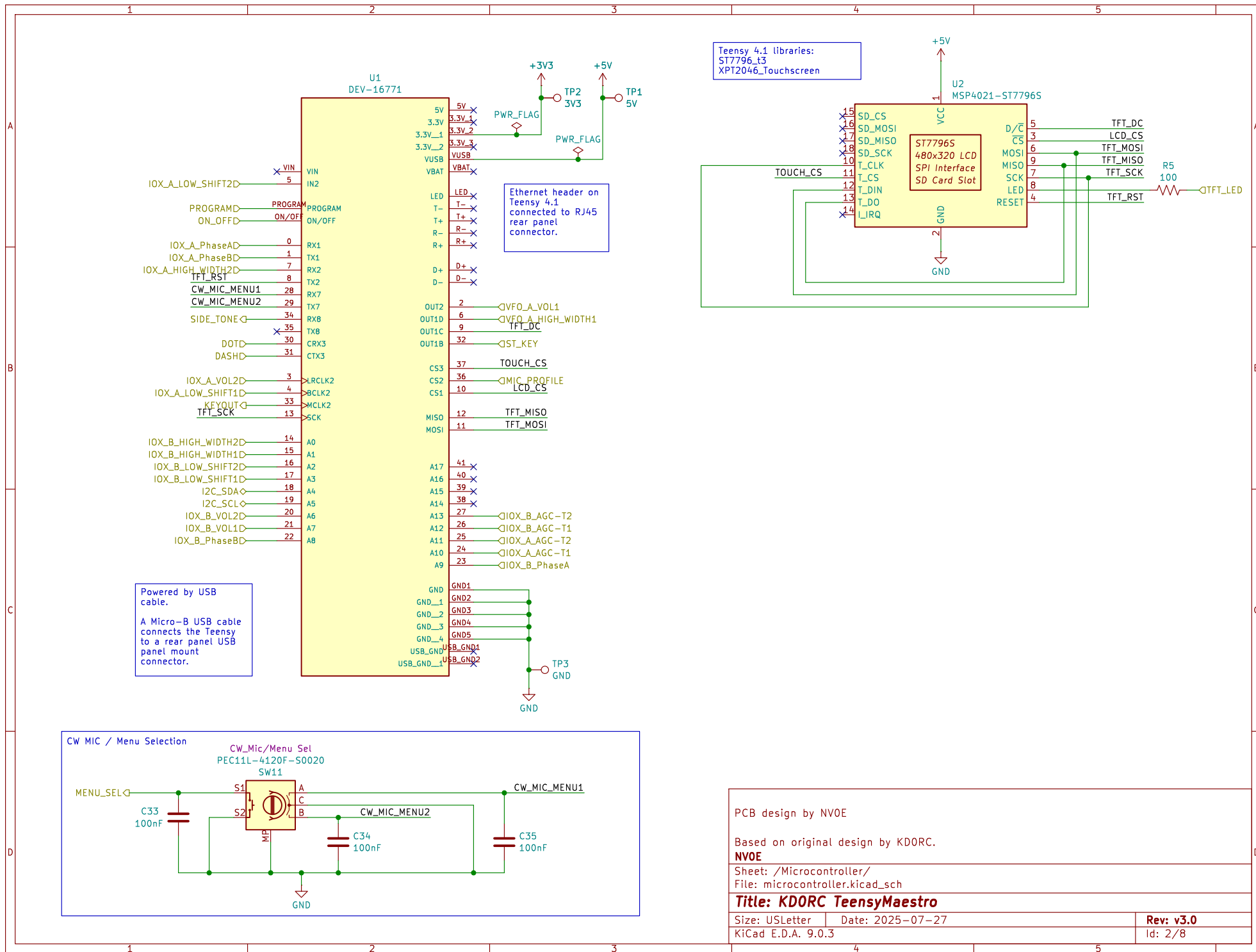
**Title: KD0RC TeensyMaestro**

Size: USLetter Date: 2025-07-27

KiCad E.D.A. 9.0.3

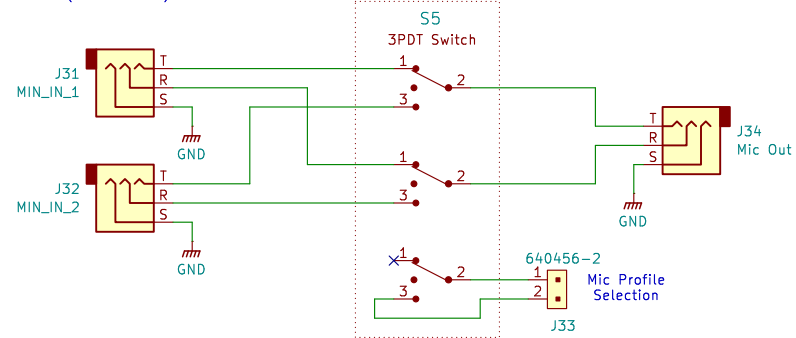
**Rev: v3.0**

Id: 7/8

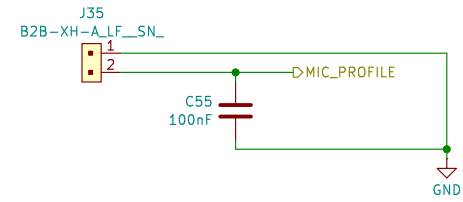




# Dual Mics (NOT ON PCB)



# Mic Profile



PCB design by NV0E

Based on original design by KD0RC.

**NV0E**

Sheet: /Mic Profile/

File: mic\_profile.kicad\_sch

**Title: KD0RC TeensyMaestro**

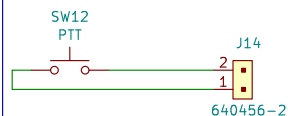
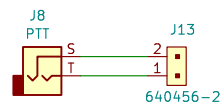
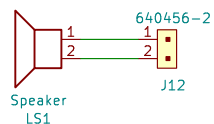
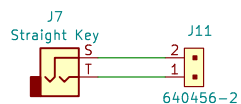
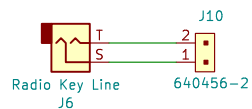
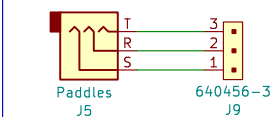
Size: USLetter Date: 2025-07-27

KiCad E.D.A. 9.0.3

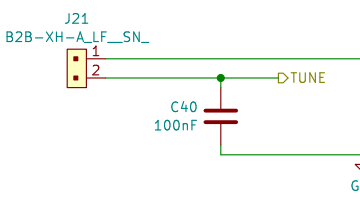
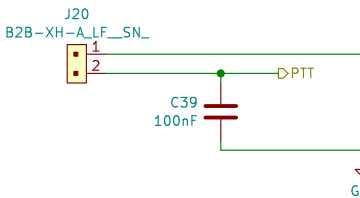
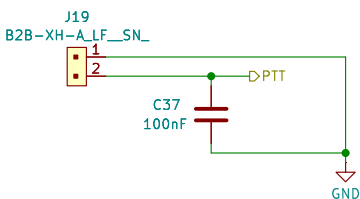
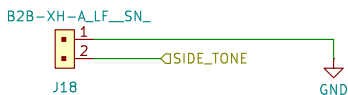
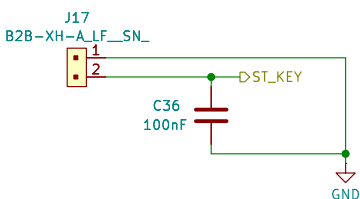
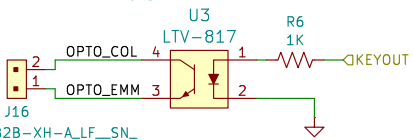
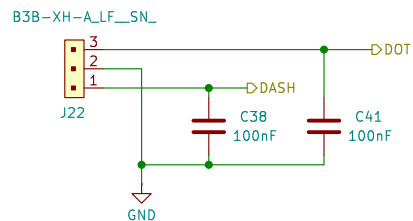
**Rev: v3.0**

Id: 8/8

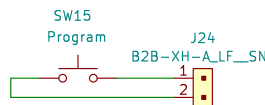
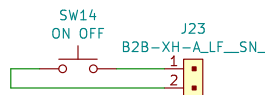
# External Connectors (NOT ON PCB)



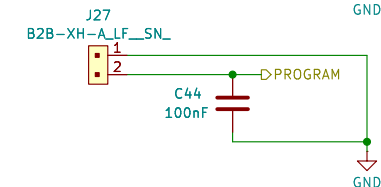
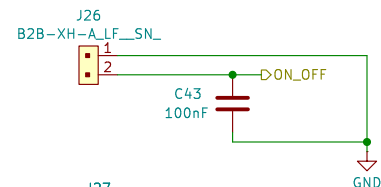
# Onboard Header Connectors



# External Connectors (NOT ON PCB)



# Onboard Header Connectors



PCB design by NV0E

Based on original design by KD0RC.

NV0E

Sheet: /Miscellaneous/  
File: miscellaneous.kicad\_sch

**Title: KD0RC TeensyMaestro**

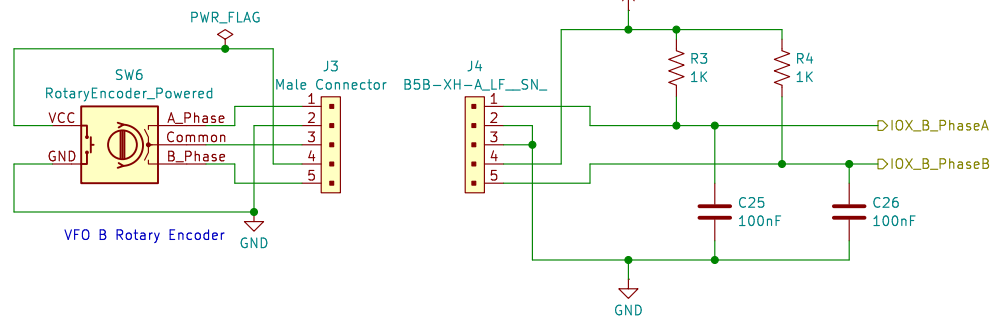
Size: USLetter Date: 2025-07-27

KiCad E.D.A. 9.0.3

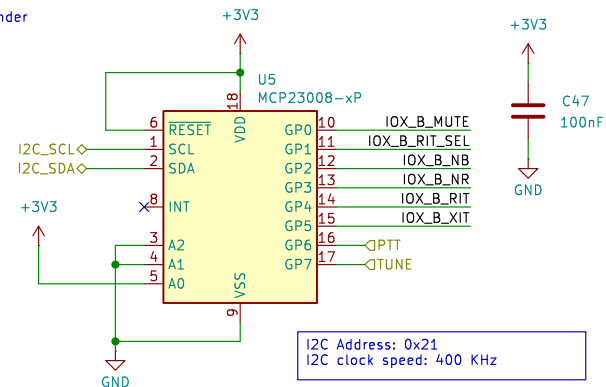
Rev: v3.0

Id: 6/8

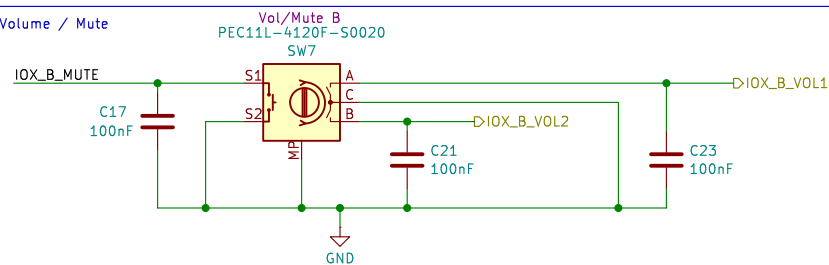
# Slice Tuning



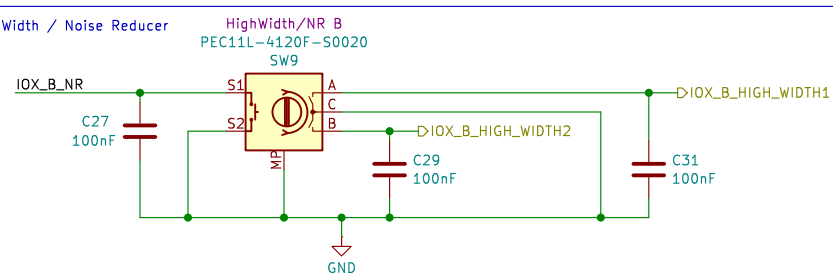
# I2C I/O Expander



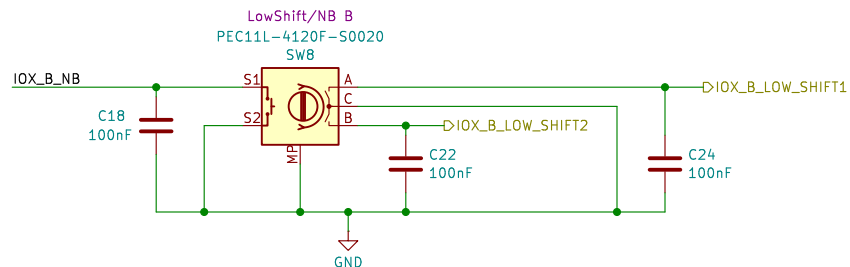
# Volume / Mute



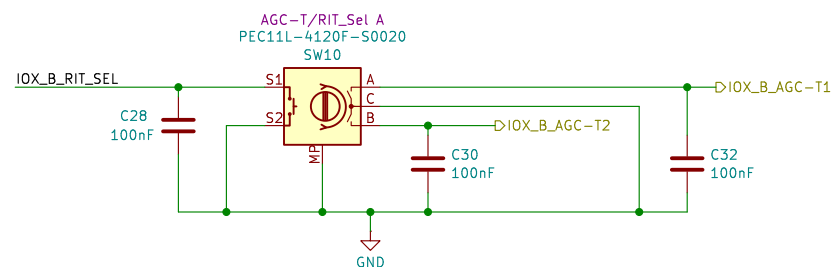
# High Width / Noise Reducer



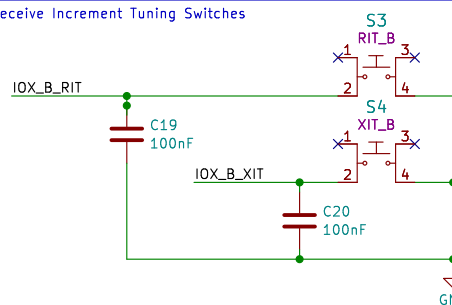
# Low Shift / Noise Blanker



# Auto Gain Control / Receive Increment Tuning



# Transmit / Receive Increment Tuning Switches



PCB design by NV0E

Based on original design by KD0RC.

NV0E

Sheet: /IO Expander B/  
File: io\_expander\_b.kicad\_sch

**Title: KD0RC TeensyMaestro**

Size: USLetter Date: 2025-07-27

KiCad E.D.A. 9.0.3

Rev: v3.0

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