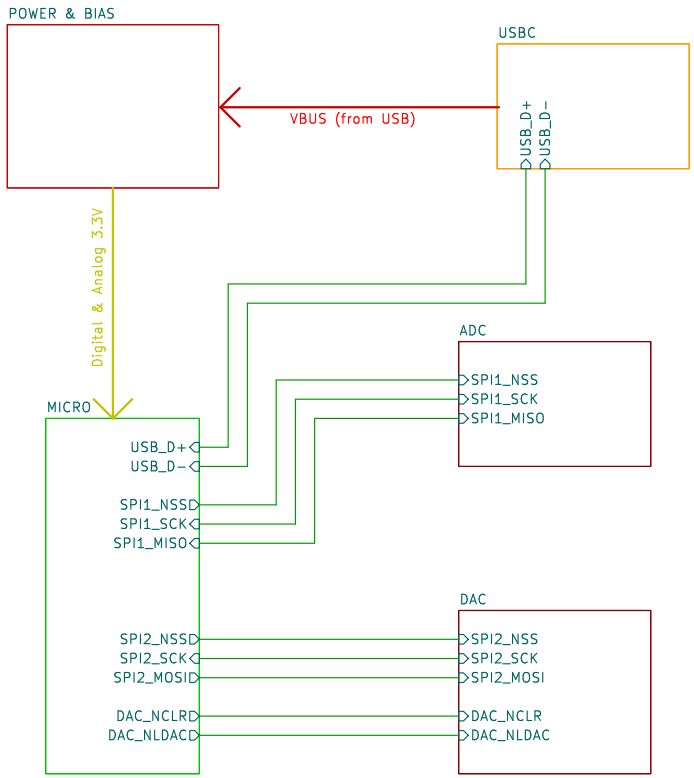
Mixed Signal v1.0

BLOCK DIAGRAM



Content

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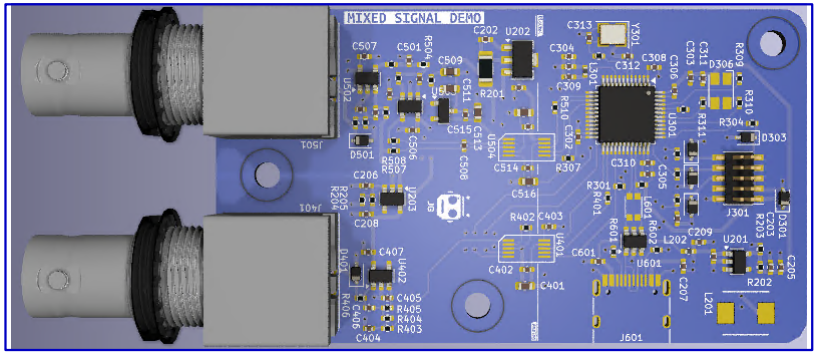

NOTES	Revision
Esto es una nota para PCB DESING Esto es una nota para TESTER Esto es una nota para SCH DESING	

Jairo García

Sheet: /
File: mixed_signal.kicad_sch

Title: Miced Signal demo board

Size: A4	Date: 2025-02-20	**Rev: 1**
KiCad E.D.A. 9.0.0		Id: 1/6

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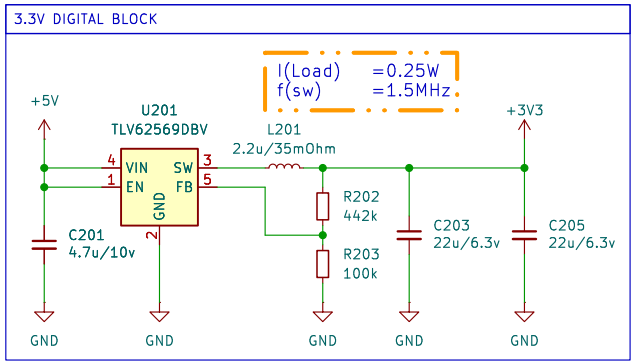

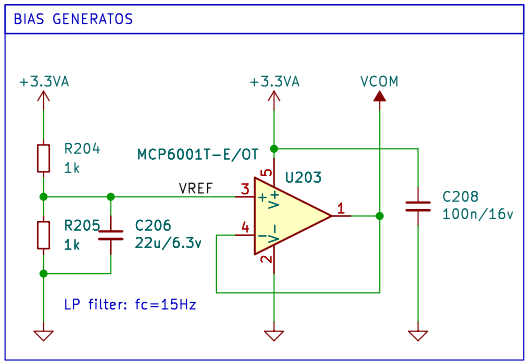

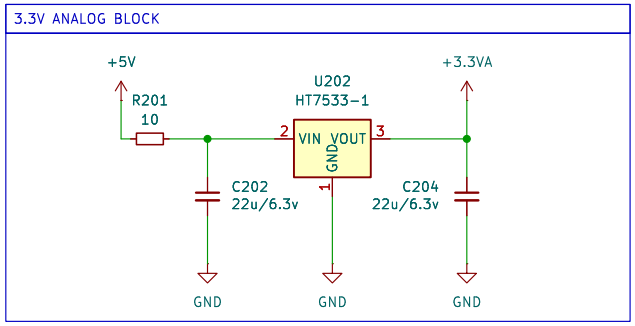

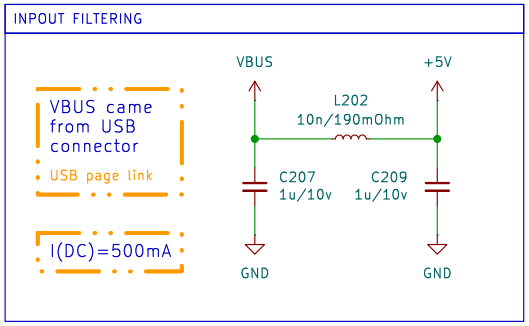

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File: power.kicad_sch		
Title: Miced Signal demo board		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.0		Id: 2/6

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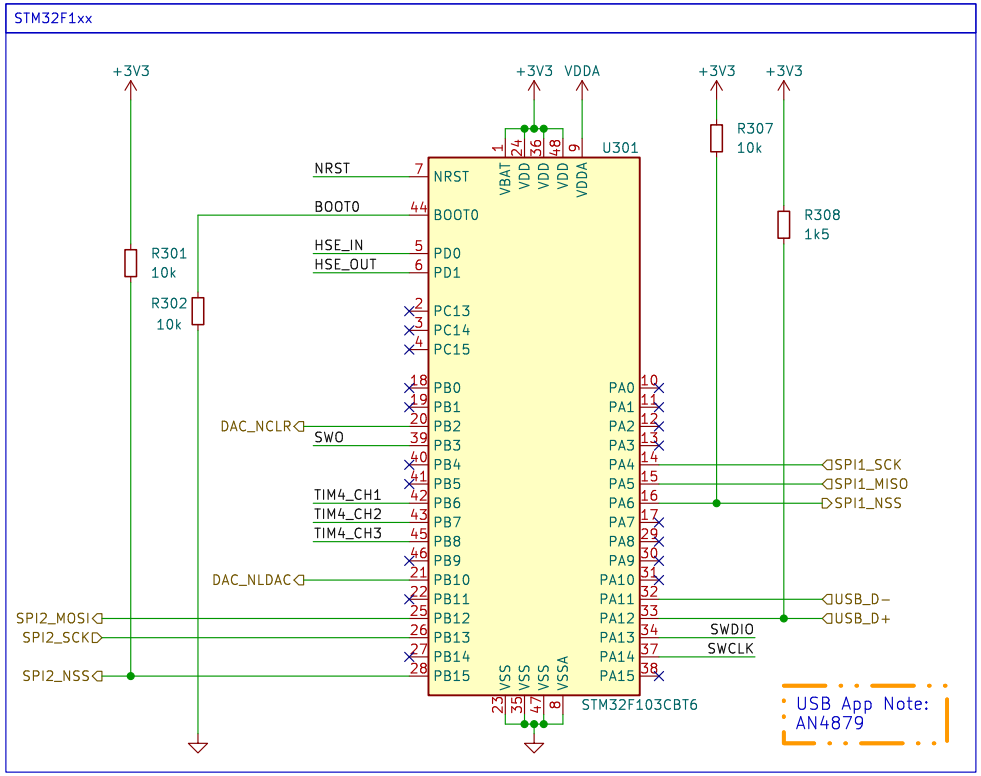

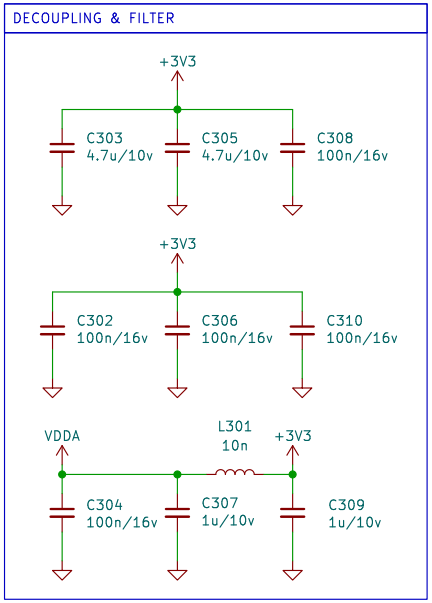

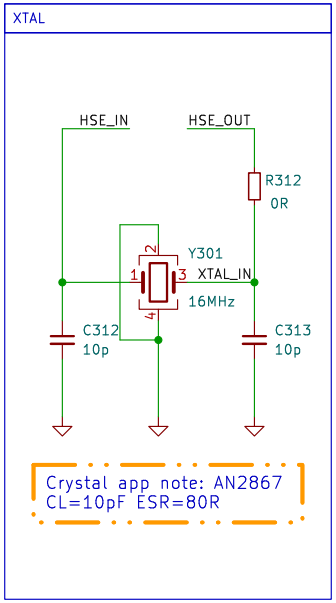

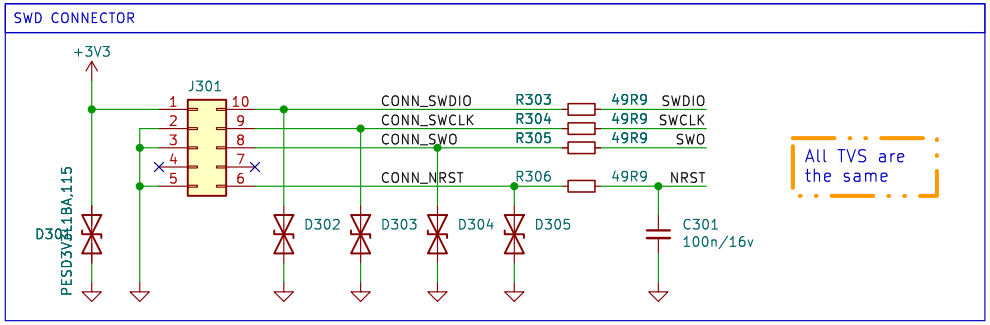

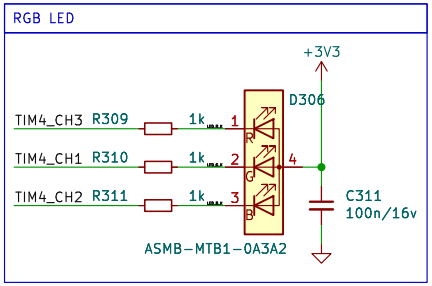

H301 MountingHole
H302 MountingHole
H303 MountingHole

Sheet: /MICRO/
File: micro.kicad_sch

Title: Miced Signal demo board

Size: A4 | Date: | Rev:
KiCad E.D.A. 9.0.0 | Id: 3/6

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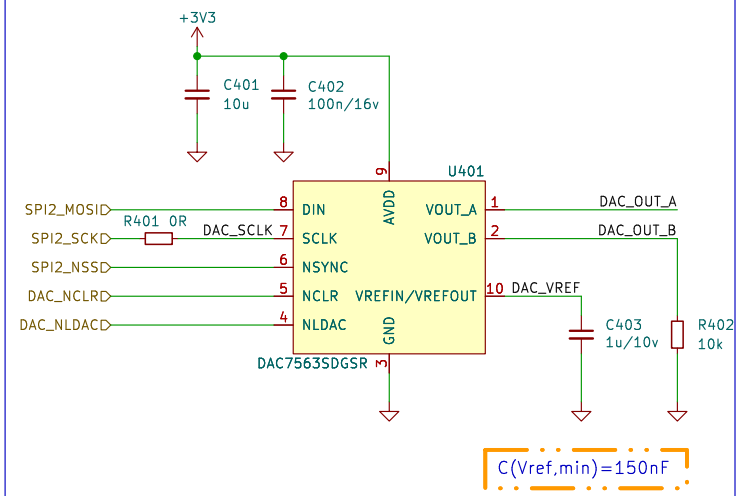
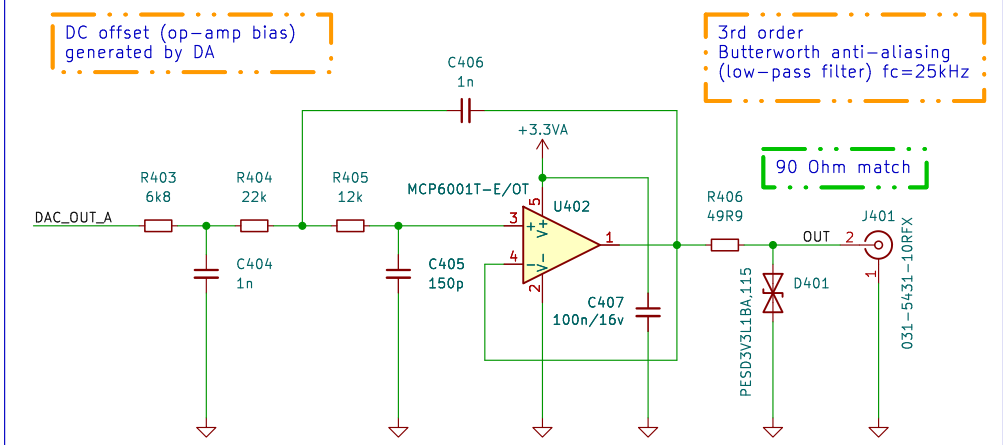
DAC



BUTTERWORTH ANTIALIASING FILTER



In butterworth, for a low noise desing we prefer:
- Increase capacitance
- Decrease resistance

Sheet: /DAC/		
File: dac.kicad_sch		
Title: Miced Signal demo board		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.0		Id: 4/6

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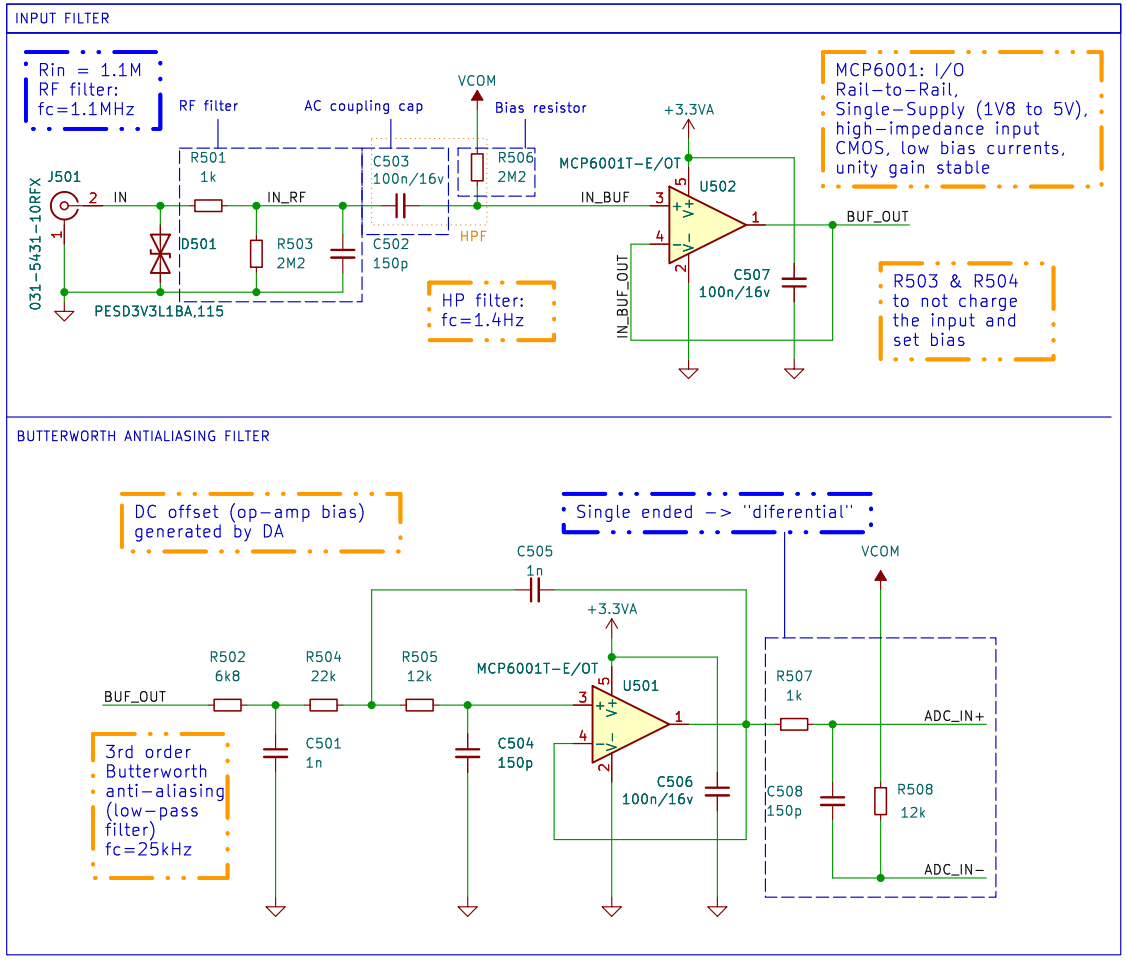

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Title: Miced Signal demo board		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.0		Id: 5/6

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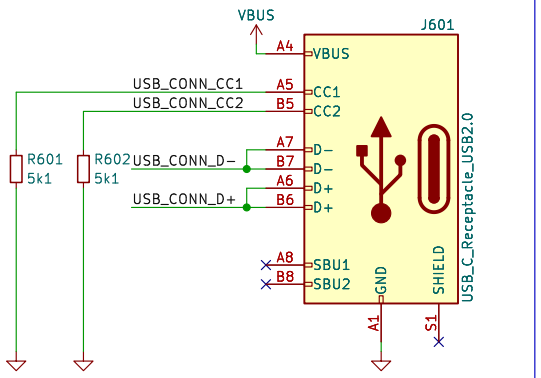
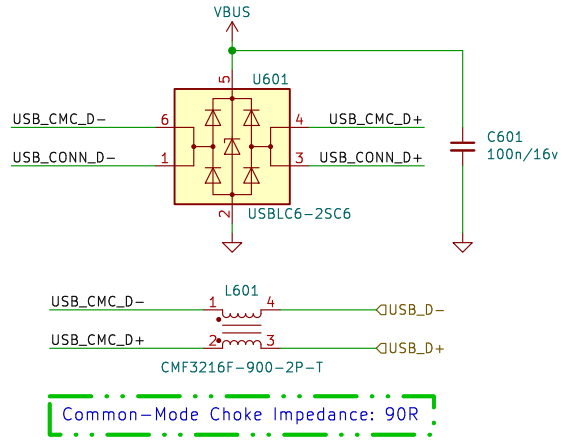
USB C



ESD PROTECTION



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Title: Miced Signal demo board

Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.0		Id: 6/6