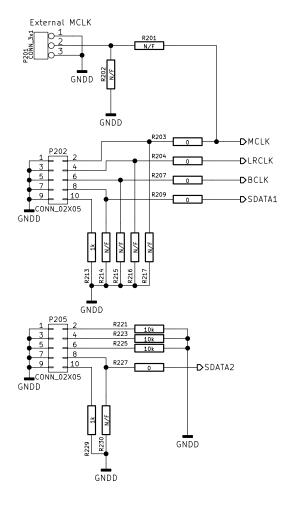
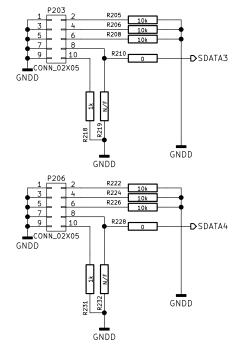


Connectors

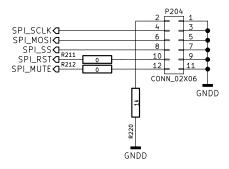
I2S/TDM Connectors
External I2S/TDM audio data.
Only PCM SDATA lines are routed.
I2S and TDM mode configured through jumpers or software control.





SPI Connector

For software control



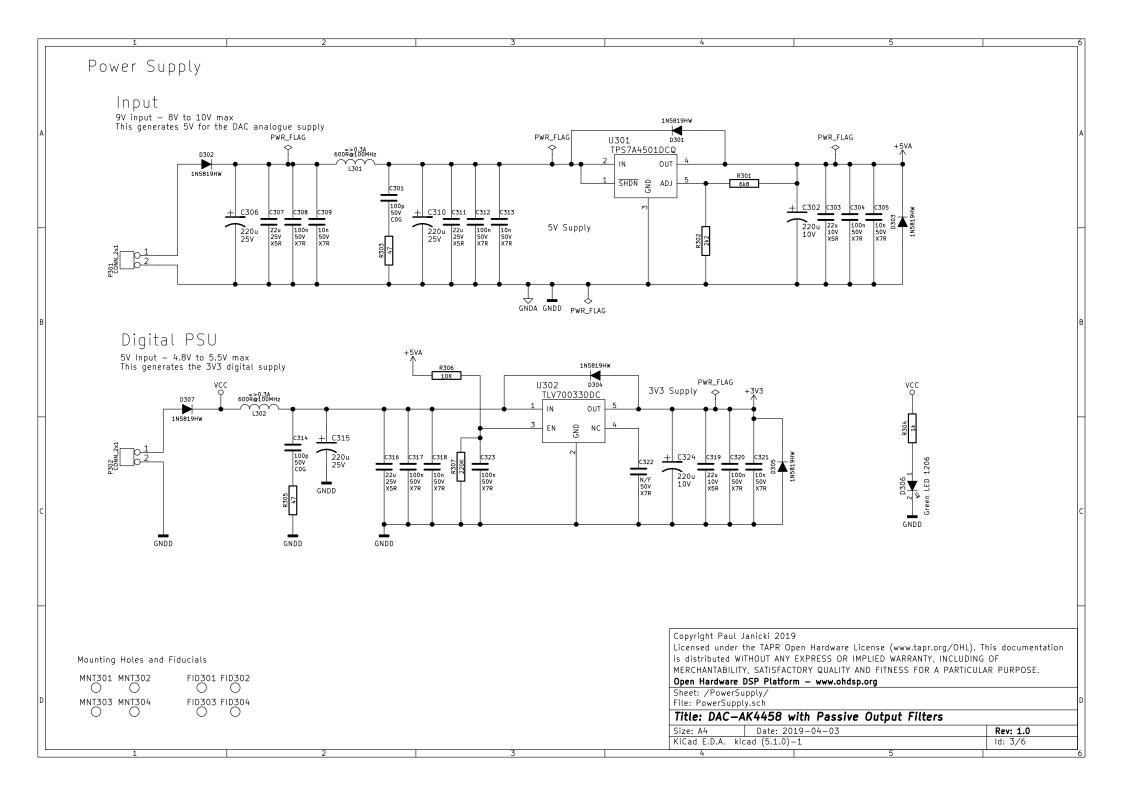
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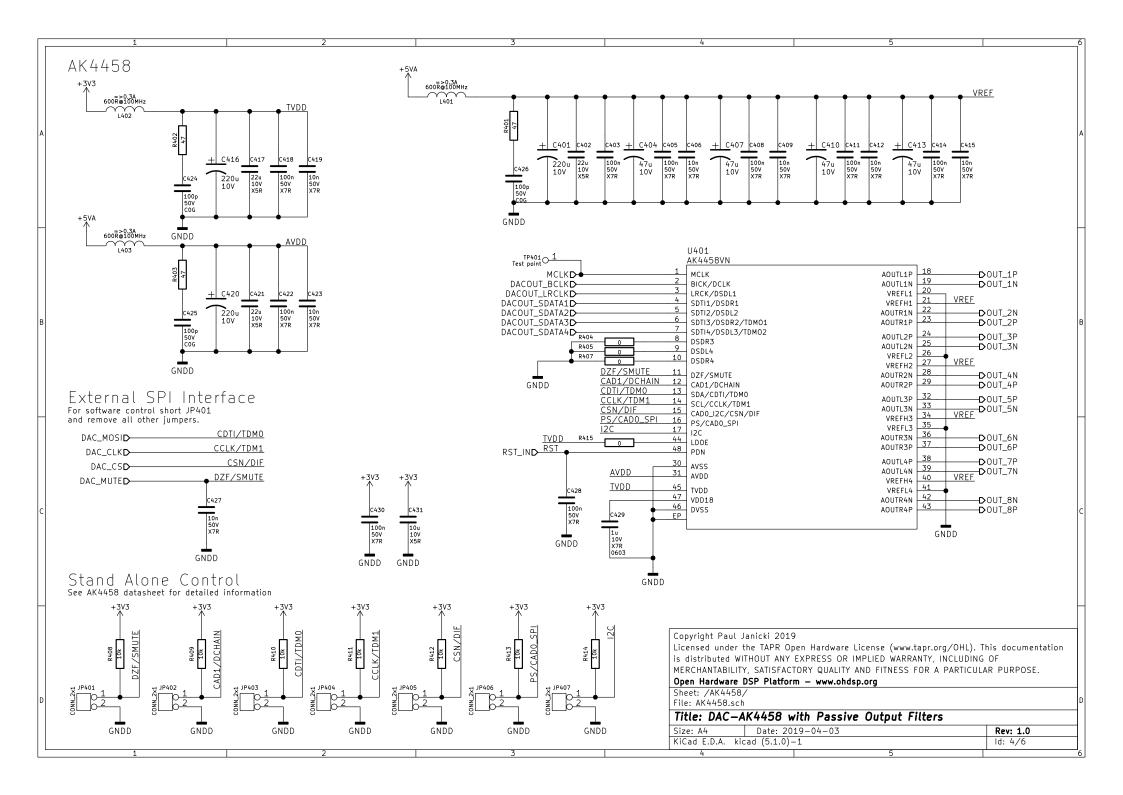
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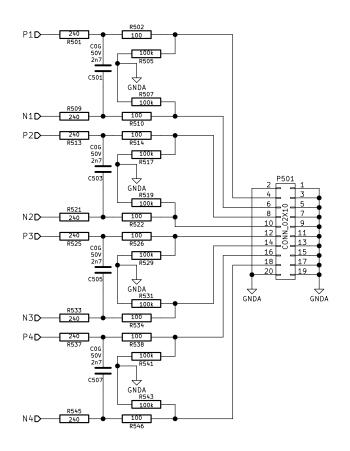
Sheet: /Connectors/ File: Connectors.sch

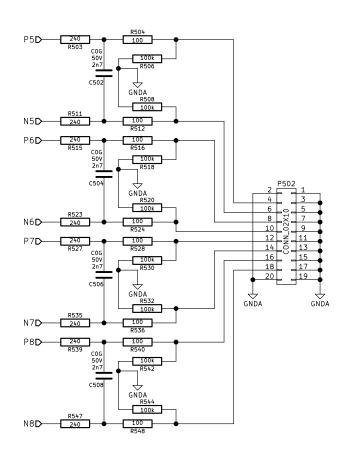
| | Size: A4 | ze: A4 Date: 2019-04-03 | | | |
|---|------------------------------|-------------------------|---------|---|----------|
| | KiCad E.D.A. kicad (5.1.0)-1 | | ld: 2/6 | 1 | |
| _ | 4 | | 5 | • | 6 |





Analogue Passive Filters Differential Outputs





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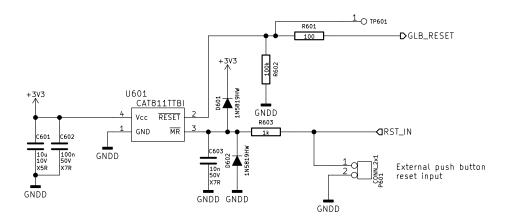
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Sheet: /AnaloguePassiveFilters/ File: AnaloguePassiveFilters.sch

| | Title: | DAC-AK445 | 8 with | Passive | Output | Filters |
|--|--------|-----------|--------|---------|--------|---------|
|--|--------|-----------|--------|---------|--------|---------|

| Size: A4 Date: 2019-04-03 | | | | Rev: 1.0 | | |
|------------------------------|---|--|--|----------|--|--|
| KiCad E.D.A. kicad (5.1.0)-1 | | | | ld: 5/6 | | |
| | 4 | | | 5 | | |

Voltage Monitor Reset
Generate a global reset based on voltage rails
Use CAT811TBI-GT3 (3.08V Threshold)
Supports SPI reset and external reset push button



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Sheet: /Reset-CAT811/ File: Reset-CAT811.sch

| Ti | tle: DAC- | AK4458 | with | Passive | Output | Filters |
|----|-----------|--------|------|---------|--------|---------|
|----|-----------|--------|------|---------|--------|---------|

| | Size: A4 Date: 20 | | 19-04-03 | Rev: 1.0 | 1 |
|---|------------------------------|--|----------|----------|---|
| | KiCad E.D.A. kicad (5.1.0)-1 | | -1 | ld: 6/6 | |
| _ | - /, | | 5 | · | |