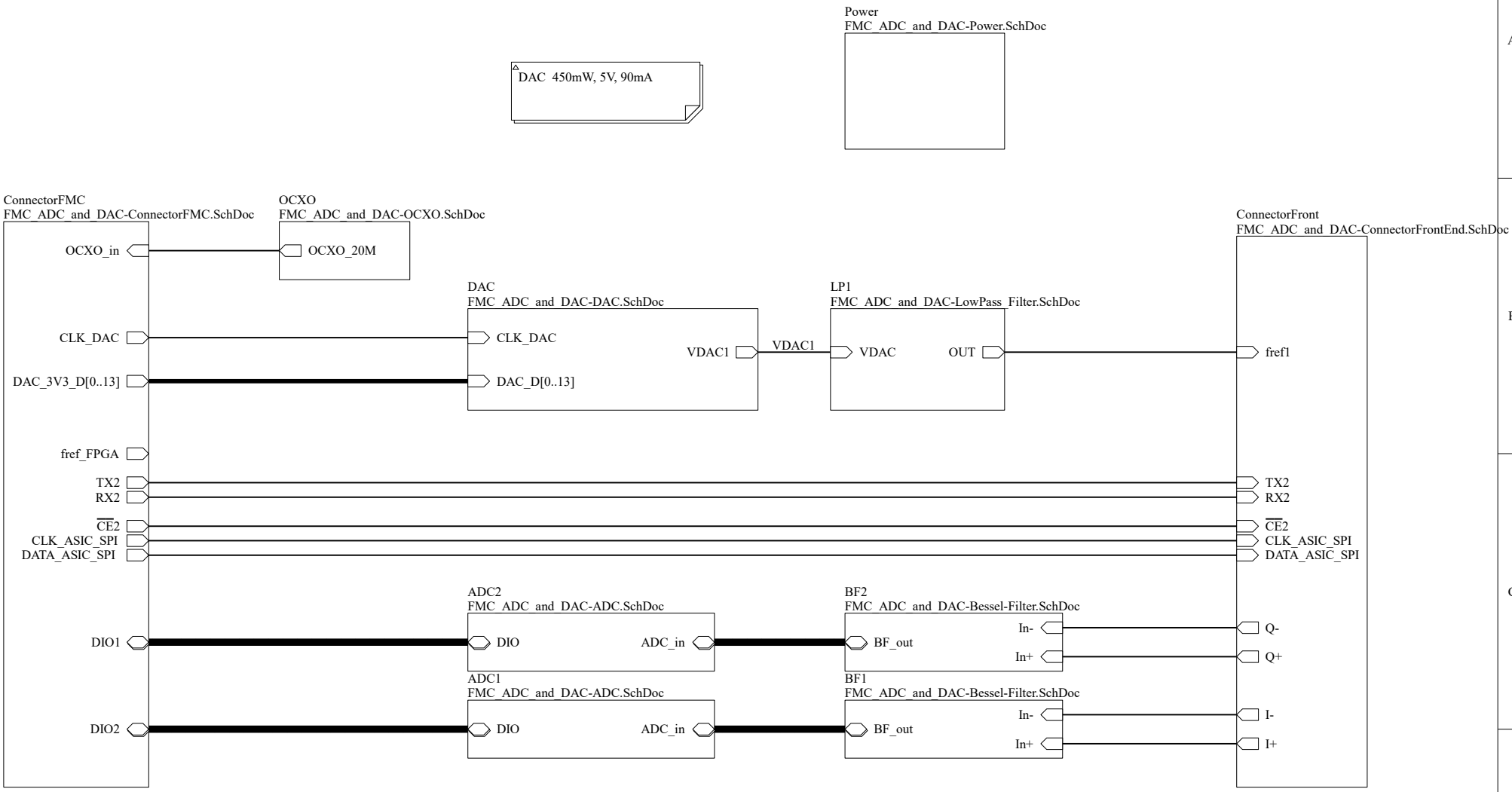


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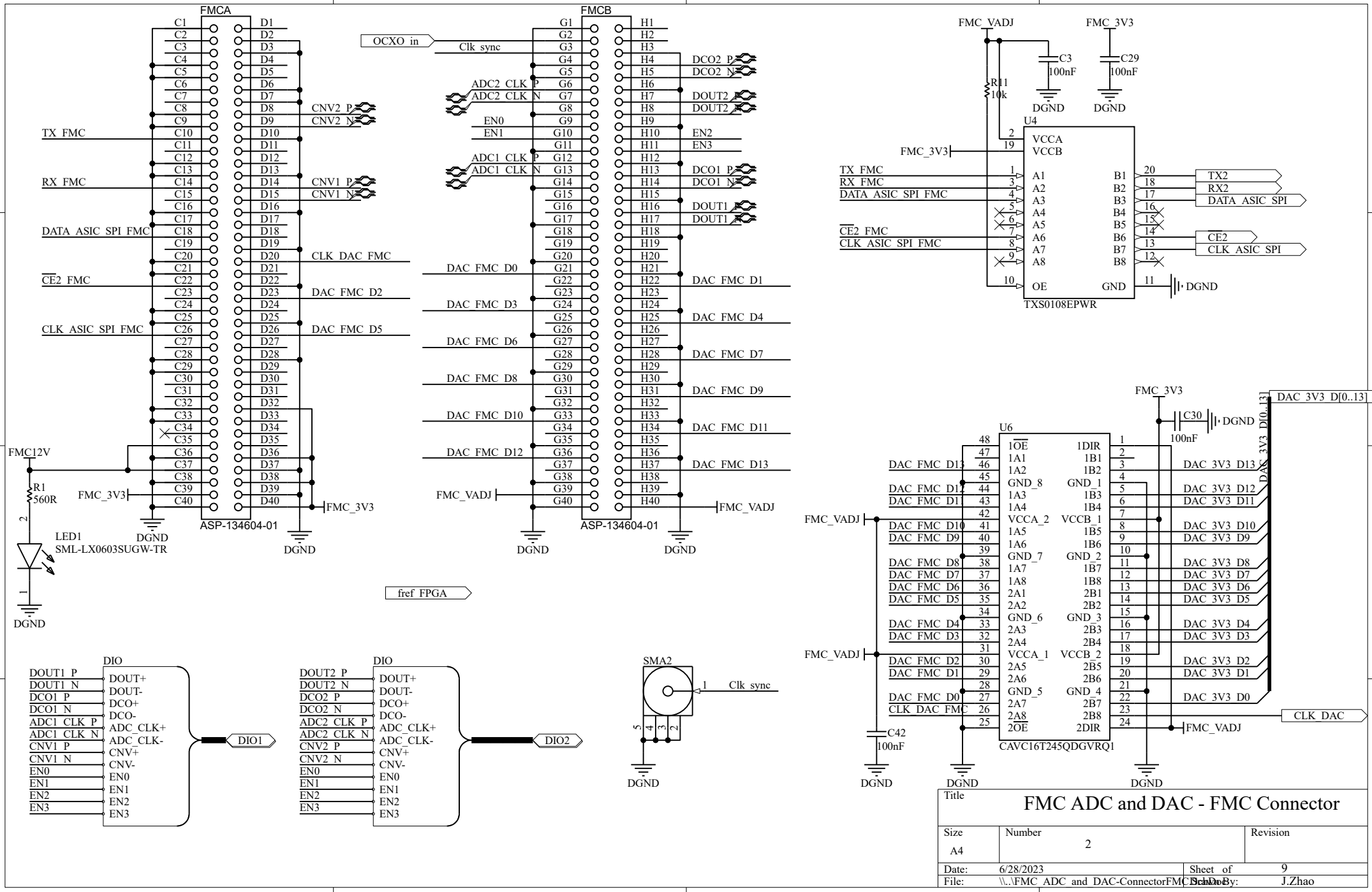
|---|---|---|---|
| Title | FMC ADC and DAC - Top Level | | |
| Size: A4 | Number: 1 | | Revision: |
| Date: 6/28/2023 | | Sheet of | 9 |
| File: \\..\FMC_ADC_and_DAC-Top.SchDoc | | Drawn By: | J.Zhao |

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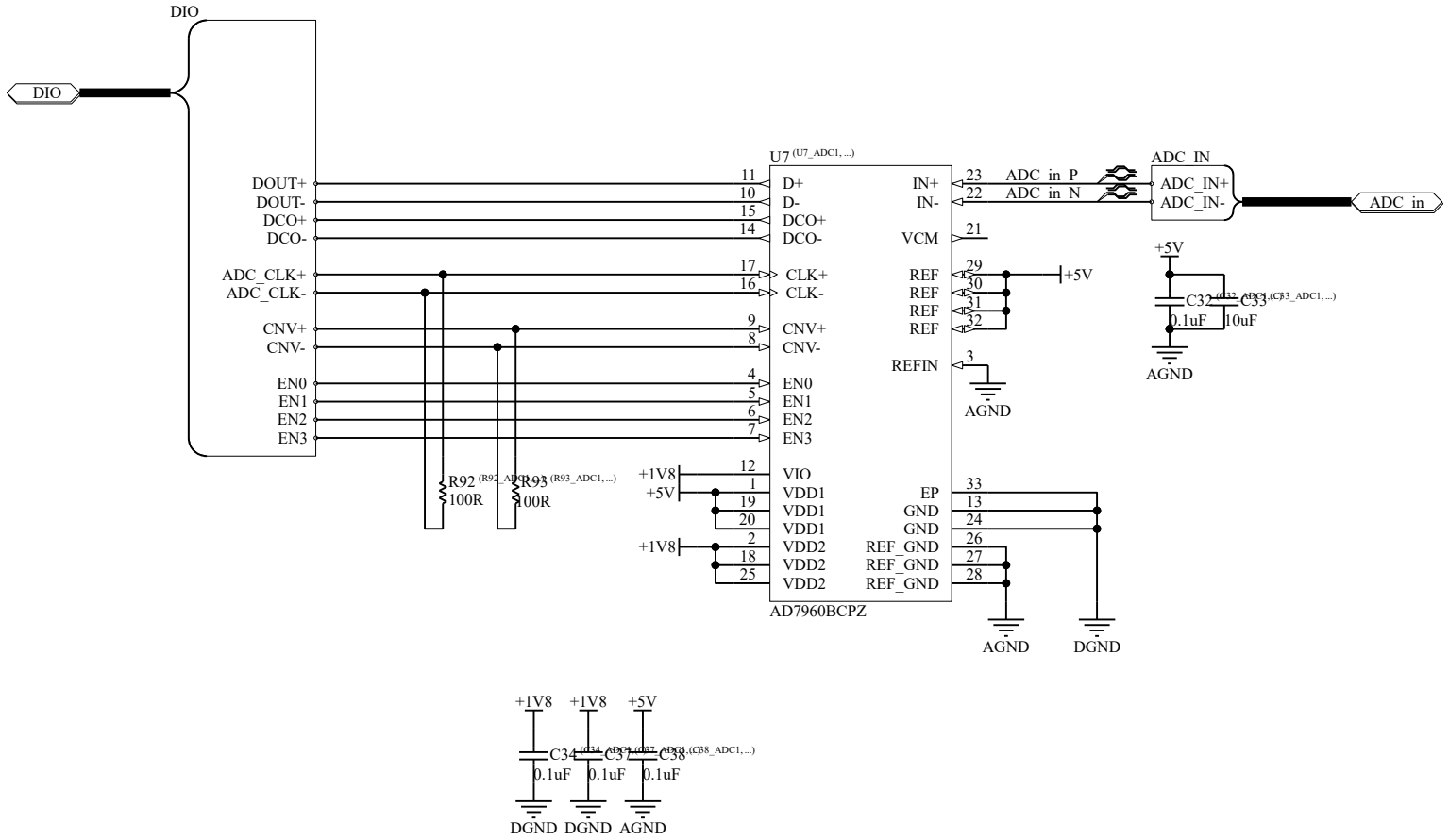
|---|---|
| Title | FMC ADC and DAC - FMC Connector |
| Size | A4 |
| Number | 2 |
| Revision | |
| Date: | 6/28/2023 |
| Sheet of | 9 |
| File: | \\..\FMC_ADC and DAC-ConnectorFMC.SchDoc |
| Drawn By: | J.Zhao |

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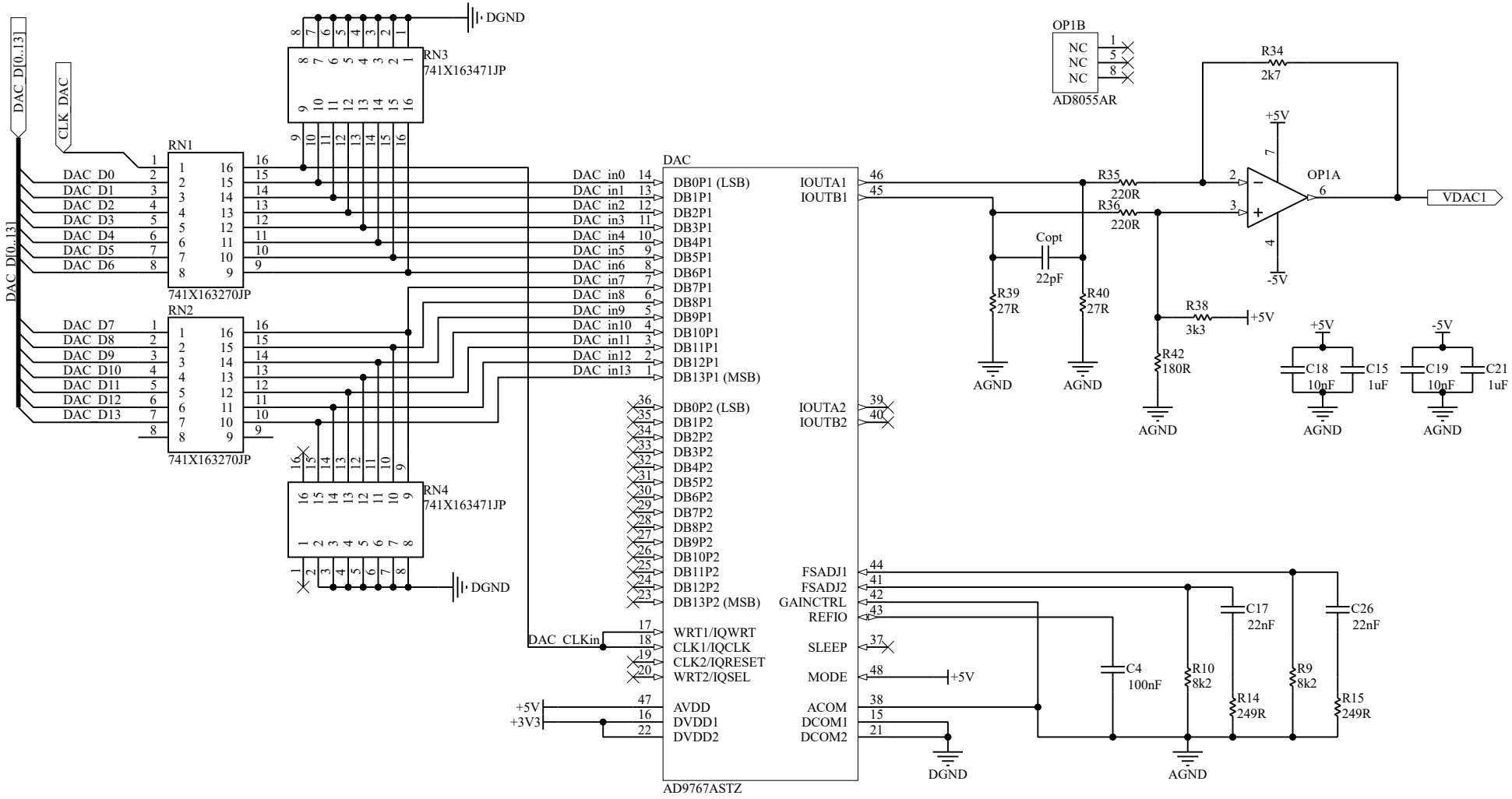
|---|---|---|---|
| Title | FMC ADC and DAC - ADC | | |
| Size: A4 | Number: 3 | | Revision: |
| Date: 6/28/2023 | | Sheet of | 9 |
| File: \\..\FMC_ADC_and_DAC-ADC.SchDoc | | Drawn By: | J.Zhao |

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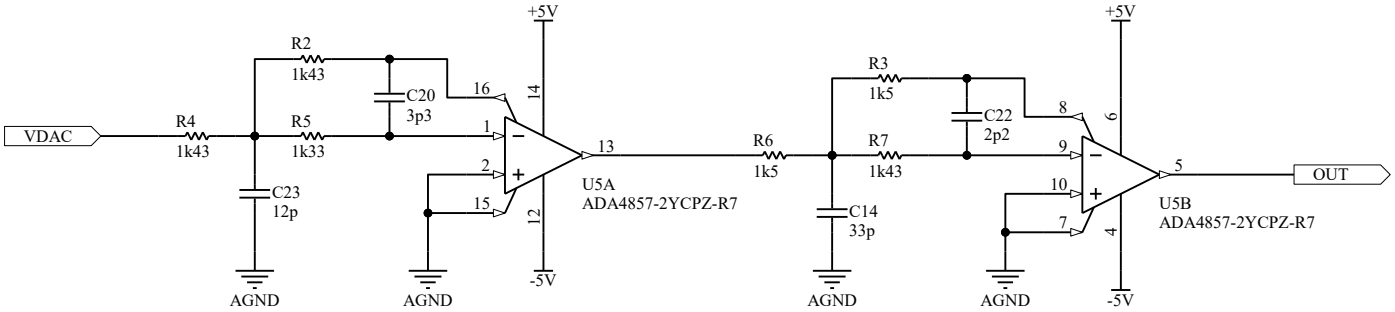
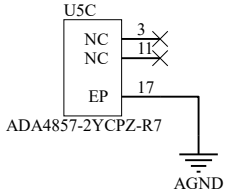
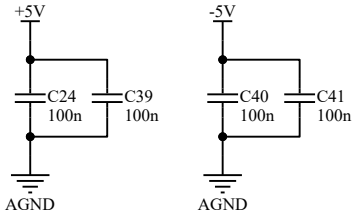
|---|---|---|---|
| Title | FMC ADC and DAC - DAC | | |
| Size: A4 | Number: 4 | | Revision: |
| Date: 6/28/2023 | | Sheet of: 9 | |
| File: \\..\FMC ADC and DAC-DAC.SchDoc | | Drawn By: J.Zhao | |

# Active Butterworth Lowpass Filter
## Fc= 12 MHz Gain = 0 dB







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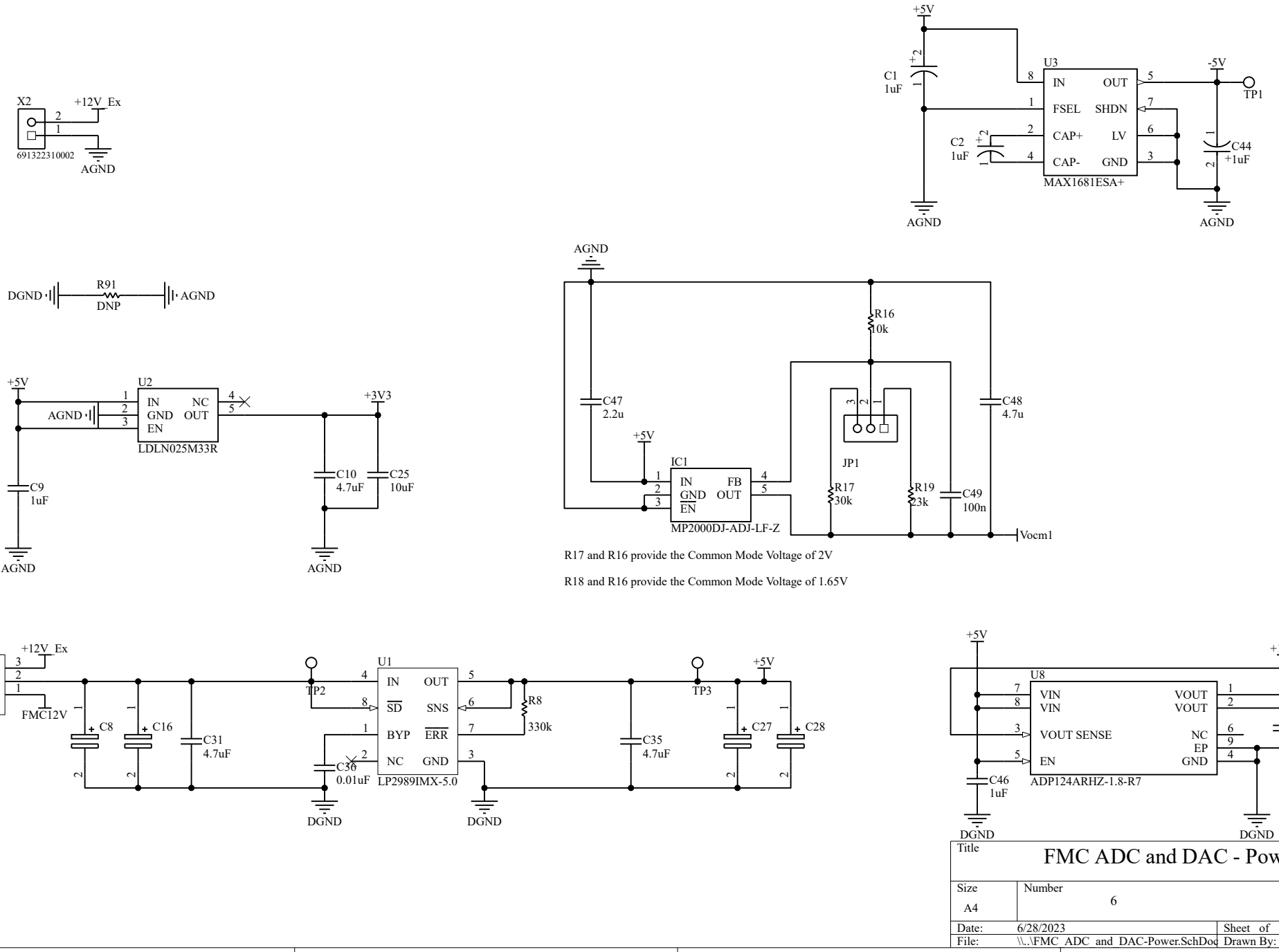
|---|---|---|---|
| Title | FMC ADC and DAC - Lowpass Filter | | |
| Size: A4 | Number: 5 | | Revision: |
| Date: 6/28/2023 | | Sheet of | 9 |
| File: \\..\FMC_ADC_and_DAC-LowPass_Filter.SchDoc | | Drawn By: | J.Zhao |

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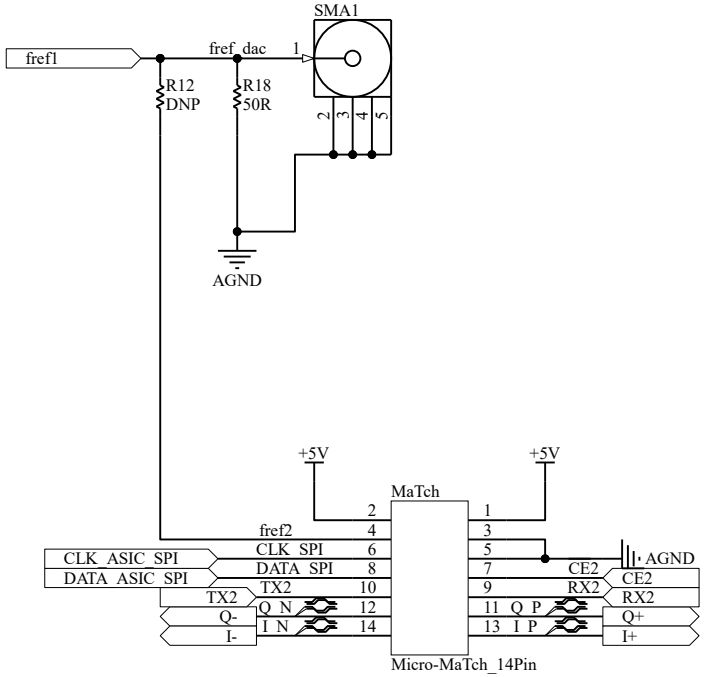
|---|---|---|
| Title | FMC ADC and DAC - Power | |
| Size: A4 | Number: 6 | Revision: |
| Date: 6/28/2023 | Sheet of 9 | |
| File: \\..\FMC_ADC_and_DAC-Power.SchDoc | Drawn By: J.Zhao | |

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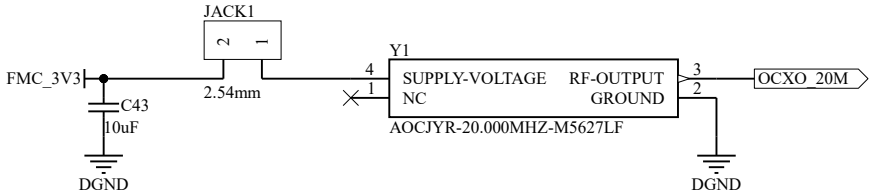
|---|---|---|---|
| Title | FMC ADC and DAC - Frontend Connector | | |
| Size: A4 | Number: 7 | | Revision: |
| Date: 6/28/2023 | | Sheet of | 9 |
| File: \\..\FMC_ADC_and_DAC-ConnectorFrontEnd.SchDoc | | Drawn By: | J.Zhao |

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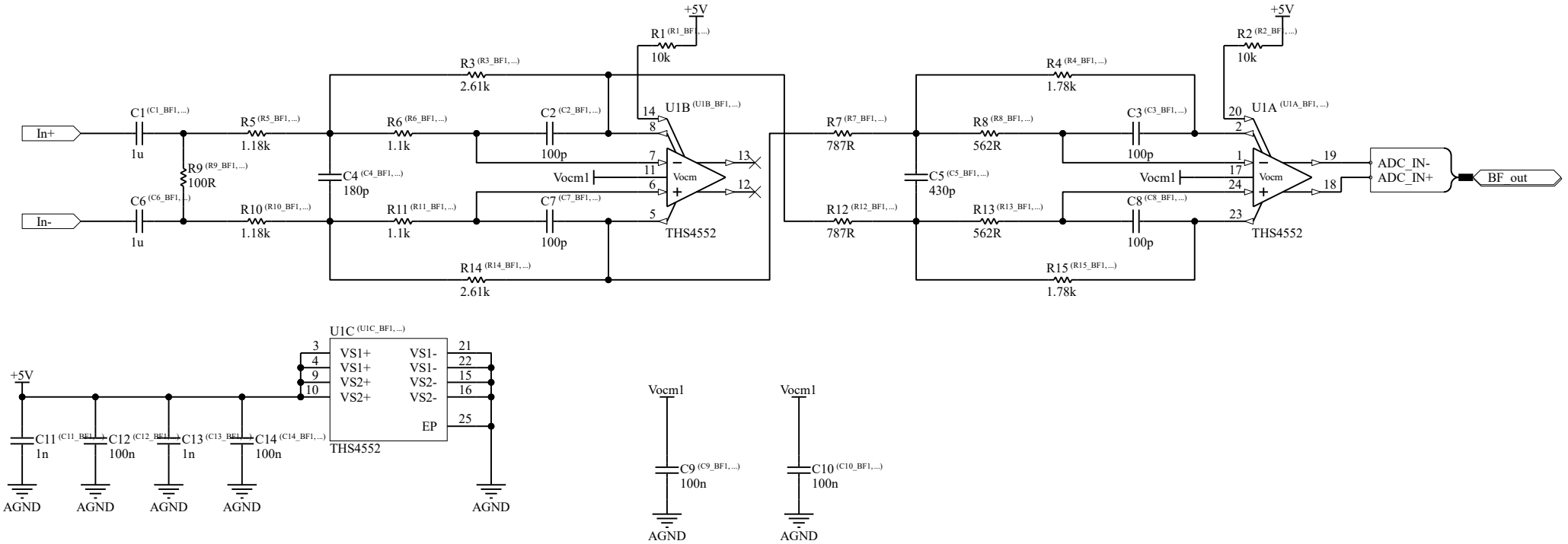
|---|---|---|---|
| Title | FMC ADC and DAC - OCXO | | |
| Size: A4 | Number: 8 | | Revision: |
| Date: 6/28/2023 | | Sheet of 9 | |
| File: \\..\FMC_ADC_and_DAC-OCXO.SchDoc | | Drawn By: J.Zhao | |

# 4th Order Bessel Filter, f3dB = 350 kHz, Gain = 14 dB







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|---|---|---|---|
| Title | FMC ADC and DAC - AAF | | |
| Size: A4 | Number: 9 | | Revision: |
| Date: 6/28/2023 | | Sheet of | 9 |
| File: \\..\FMC_ADC_and_DAC-Bessel-Filter.SchDoc | | Drawn By: | J.Zhao |