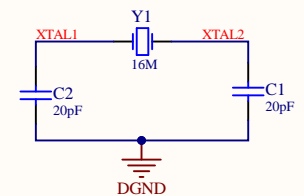
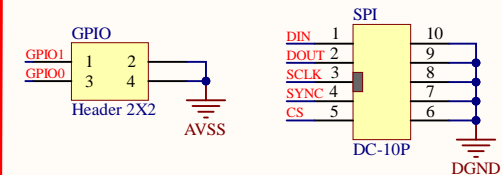


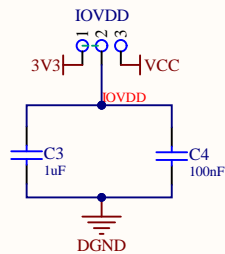
AD7175-2



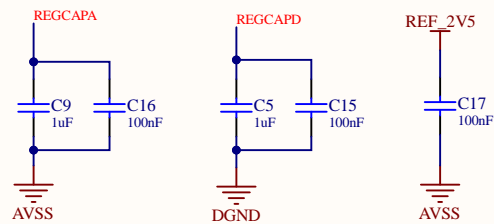
外部时钟



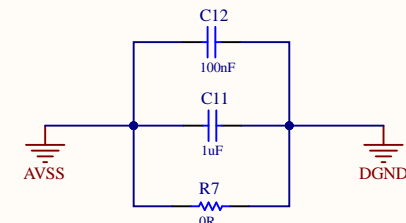
数据接口



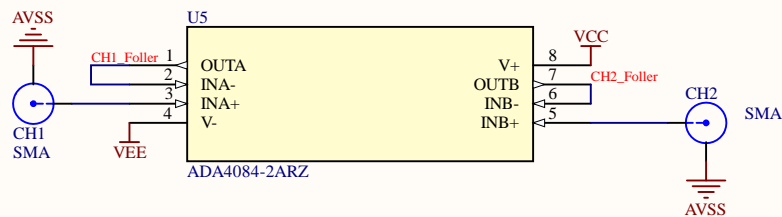
逻辑电平设置



REG滤波

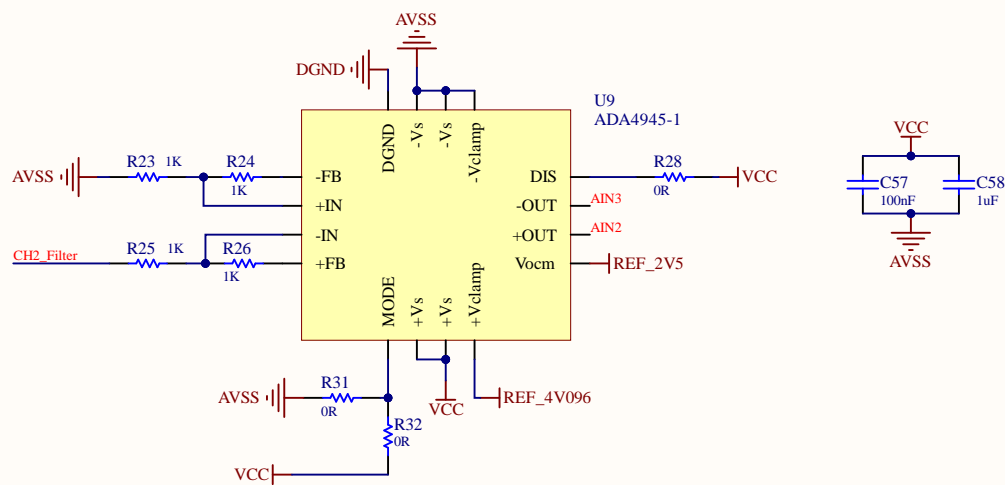
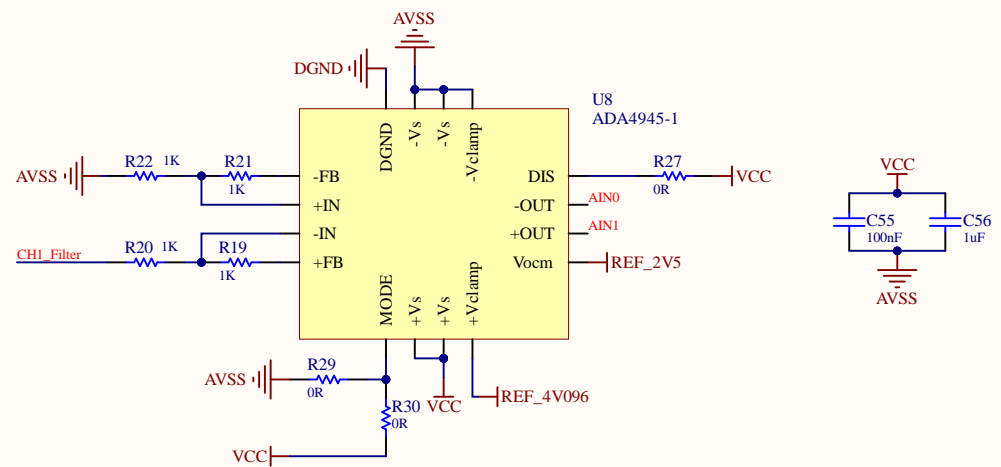


单点接地

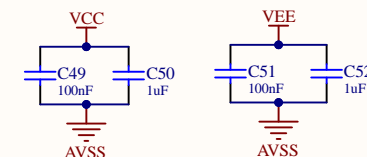
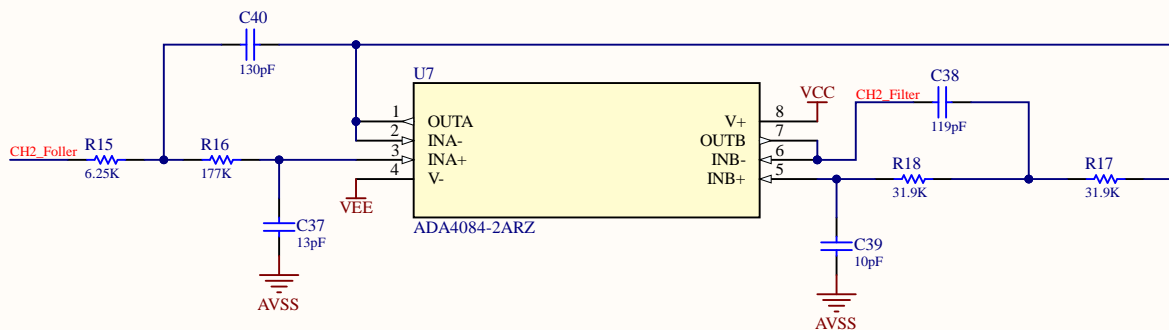
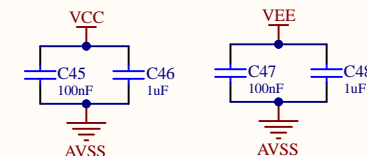
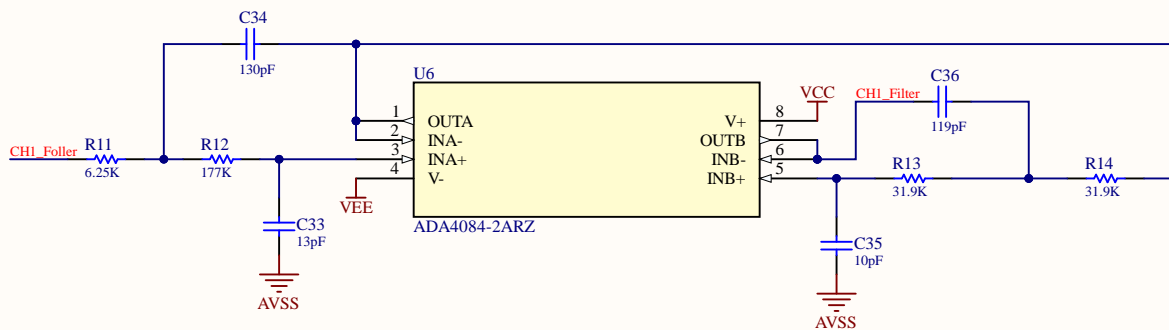


跟随器

| | | |
|--------------|----------------------------|-----------|
| Title | | |
| AD7175-2驱动电路 | | |
| Size | Number | Revision |
| A4 | | v1.0 |
| Date: | 11/30/2021 | Sheet of |
| File: | D:\Project\...\core.SchDoc | Drawn By: |

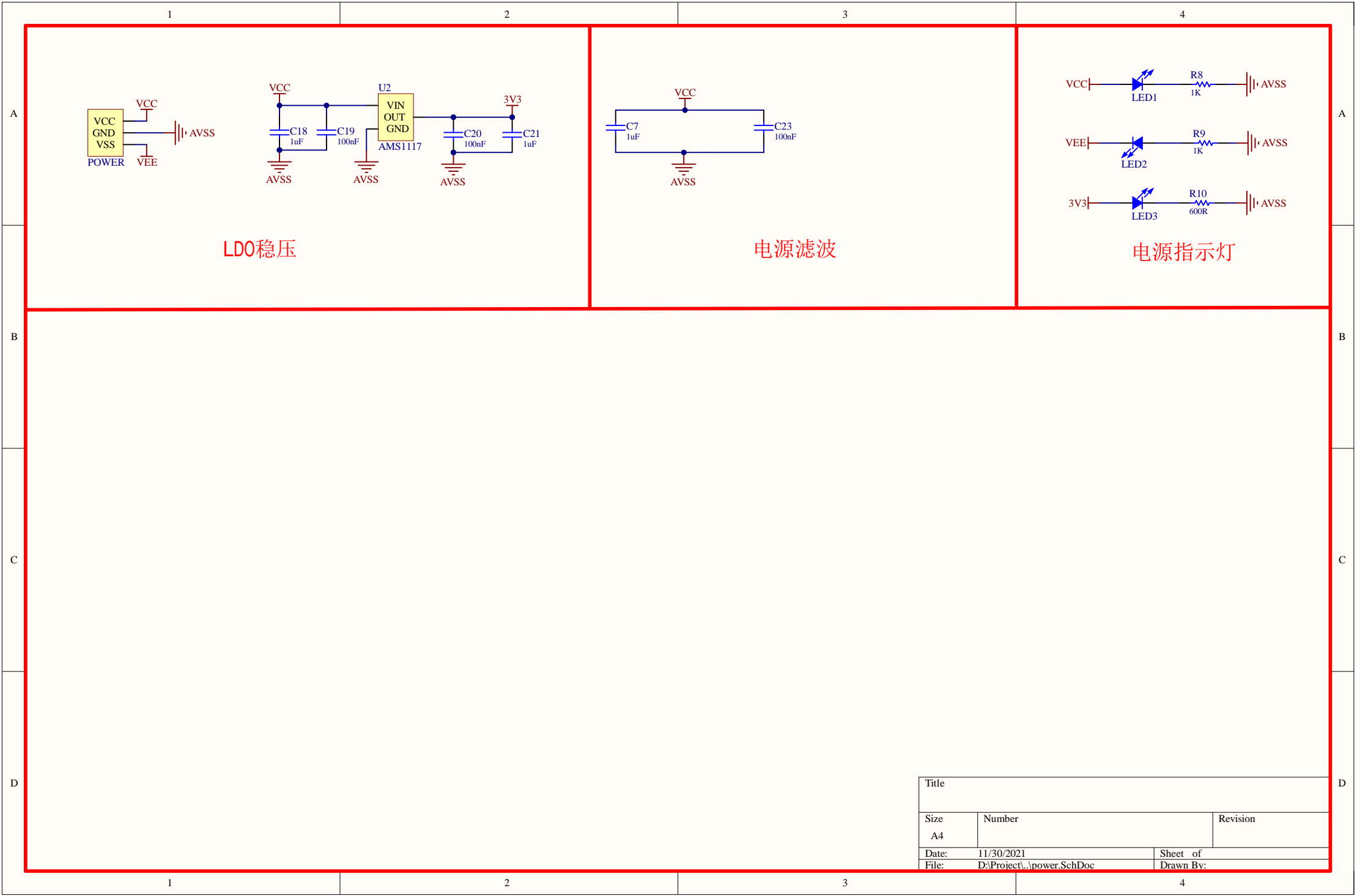


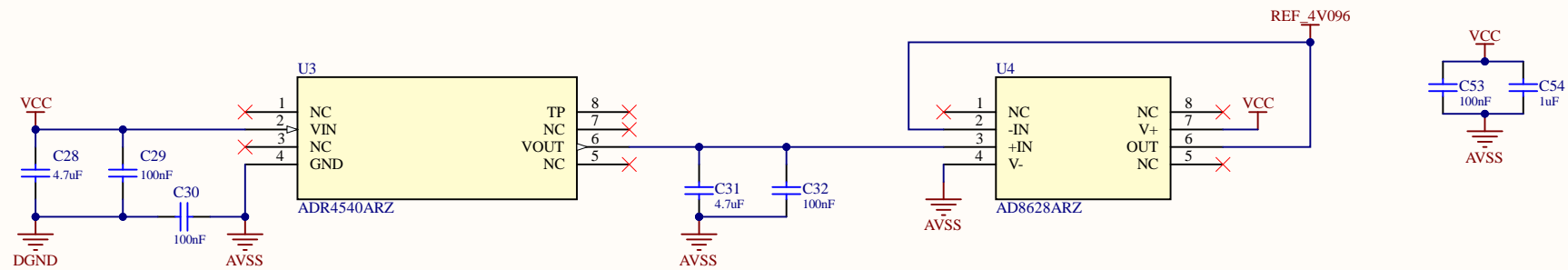
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| Size | Number | Revision |
| A4 | | |
| Date: | 11/30/2021 | Sheet of |
| File: | D:\Project\...\fda.SchDoc | Drawn By: |



低通滤波器

| Title | | |
|-------|------------------------------|-----------|
| Size | Number | Revision |
| A4 | | |
| Date: | 11/30/2021 | Sheet of |
| File: | D:\Project\...\filter.SchDoc | Drawn By: |





4.096V参考电压

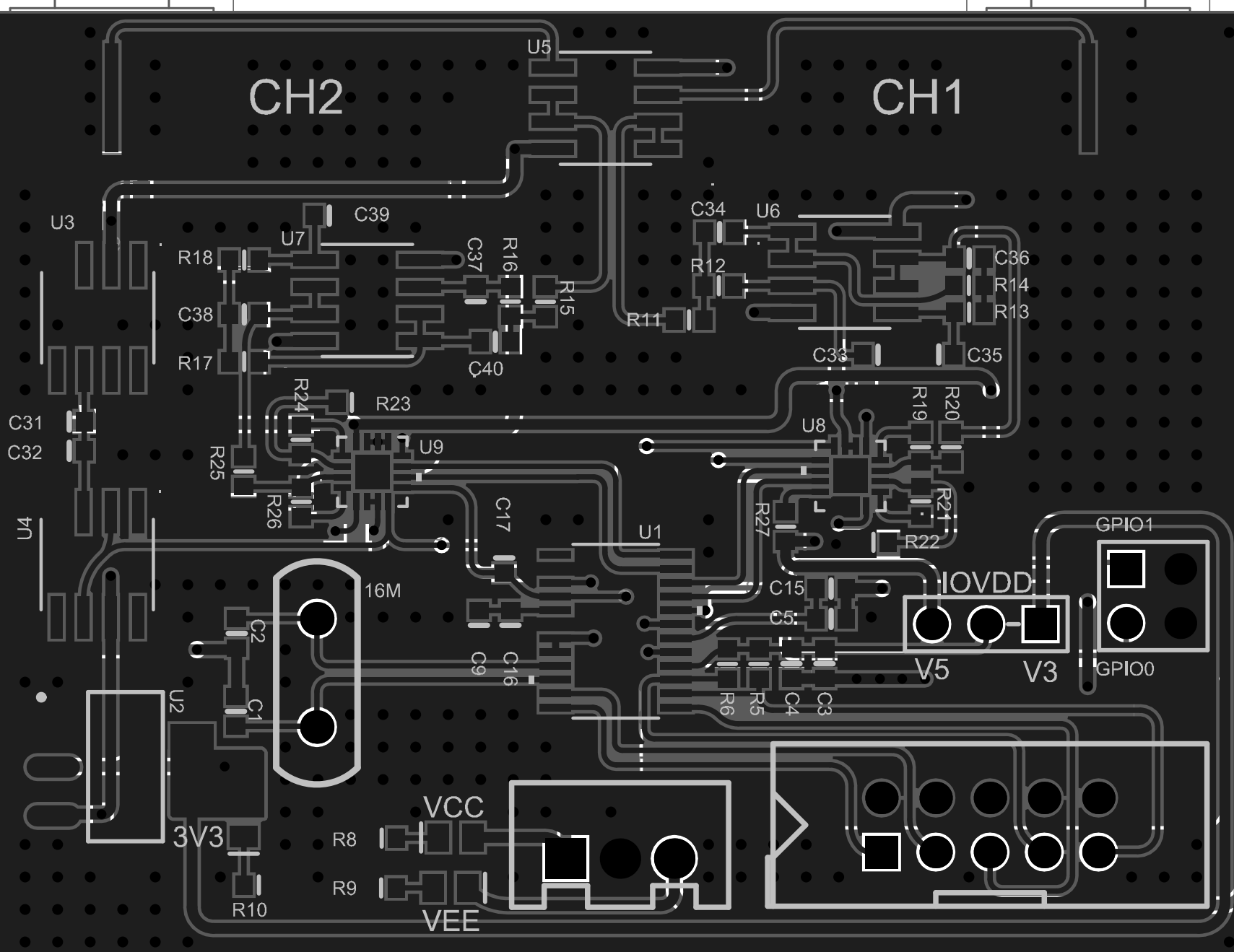
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| A4 | | |
| Date: | 11/30/2021 | Sheet of |
| File: | D:\Project\...\reference.SchDoc | Drawn By: |



AD7175
A D 7 1 7 5

CH2

CH1



| Comment | Description | Designator | Footprint | LibRef | Quantity |
|--------------|--------------------------|--|--------------|--------------|----------|
| Cap-S | 贴片瓷片电容 | C1, C2, C3, C4, C5, C7, C9, C11, C12, C15, C16, C17, C18, C19, C20, C21, C23, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58 | C0603-L | Cap-S | 48 |
| SMA | | CH1, CH2 | SMA1 | SMA | 2 |
| Header 2X2 | Header, 2-Pin, Dual row | GPIO | HDR2X2 | Header 2X2 | 1 |
| Jumper | | IOVDD | JUMPER1x3 | Jumper1*3 | 1 |
| LED | 发光二极管 | LED1, LED2, LED3 | Led-0805_L | LED | 3 |
| Power-3P | 供电端子 | POWER | SIPA03 | Power-3P | 1 |
| R | 贴片电阻 | R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32 | R0603-L | Res | 30 |
| DC-10P | | SPI | DC-10P | DC-10P | 1 |
| AD7175-2BRUZ | No Description Available | U1 | RU_24_ADI | AD7175-2BRUZ | 1 |
| AMS1117 | | U2 | SOT-223 | AMS1117 | 1 |
| ADR4540ARZ | No Description Available | U3 | R_8_ADI | ADR4540ARZ | 1 |
| AD8628ARZ | No Description Available | U4 | R_8_ADI | AD8628ARZ | 1 |
| ADA4084-2ARZ | No Description Available | U5, U6, U7 | R_8_ADI | ADA4084-2ARZ | 3 |
| ADA4945-1 | | U8, U9 | CP_16_22 | ADA4945-1 | 2 |
| XTAL | 晶振 | Y1 | XTAL-PB2-DIP | XTAL | 1 |