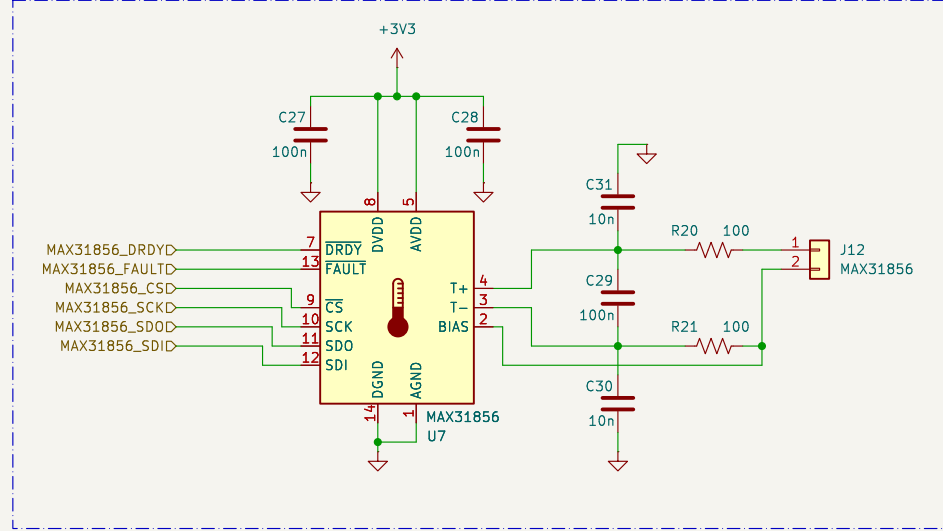
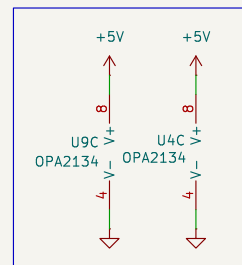
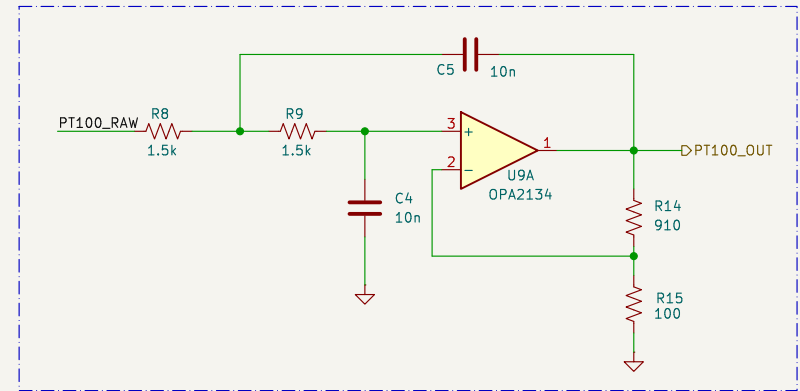
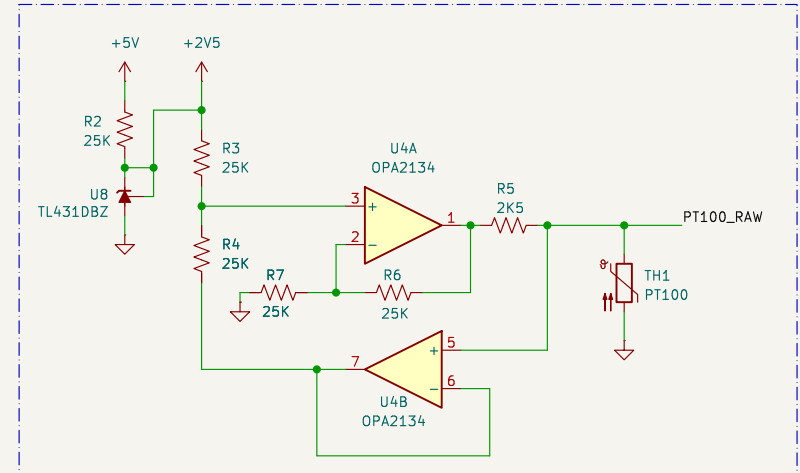


Universal Thermocouple Driver



RTD/PT100 Driver



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Sheet: /Temp_Input_Unit/
File: TemperatureInput.kicad_sch

Title: Temperature Input

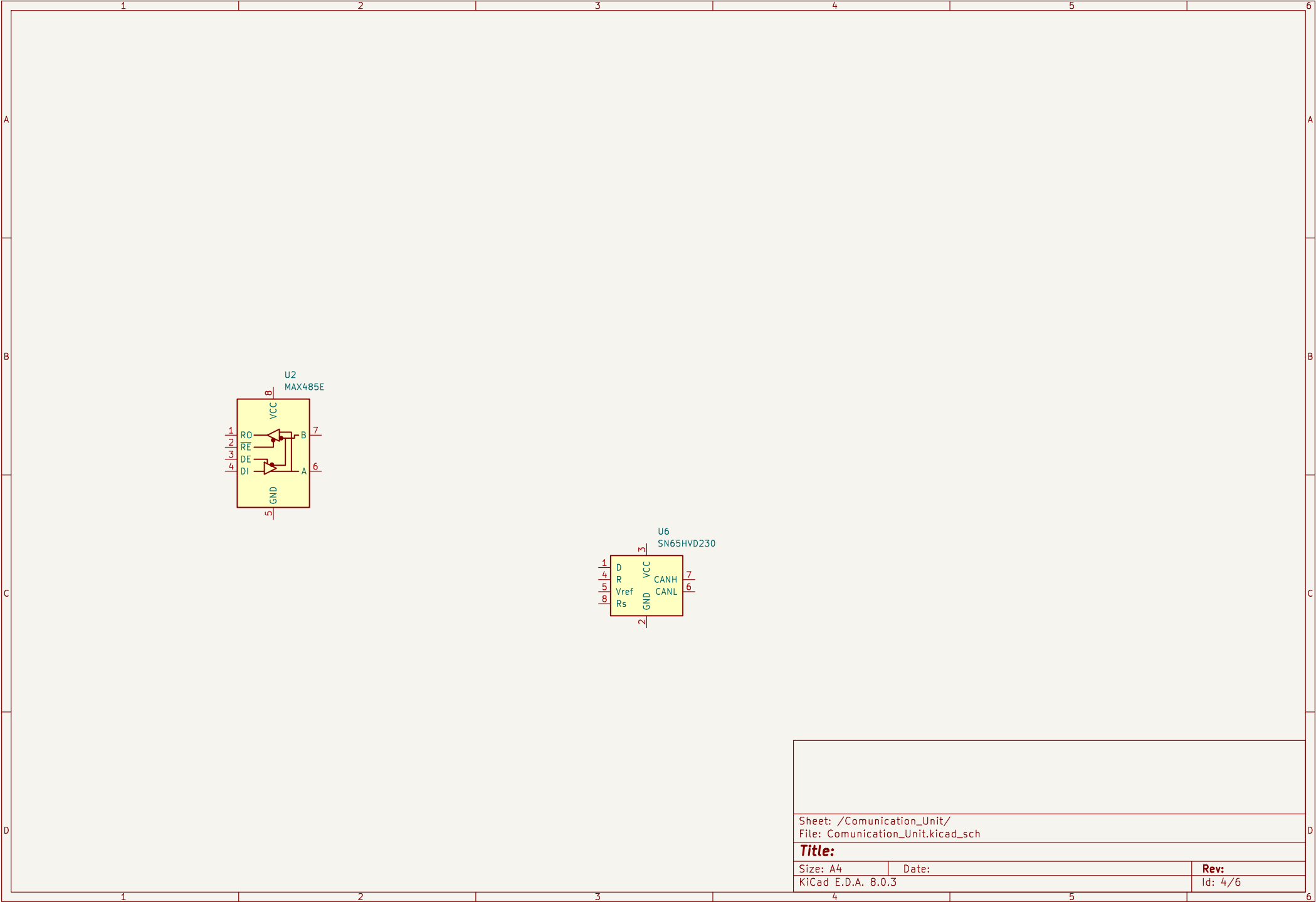
Size: A4 Date: 2024-05-23

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Figure 4 shows a pinout for the standard SD card pinout and a micro SD card pinout.

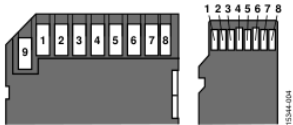


Figure 4. Standard SD Card and Micro SD Card Pinouts

The pinout for the standard SD card is described in Table 2.

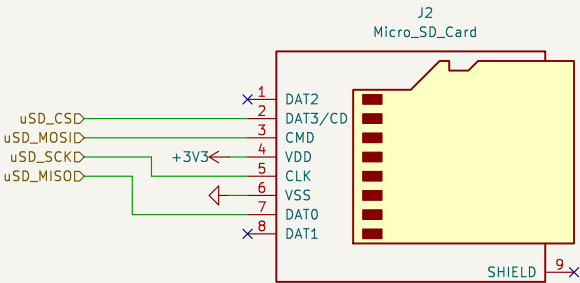
Table 2. Standard SD Card Functions

Pin No.	Name	SD Mode	SPI Mode
1	CS/DAT3	Data Line 3	Chip select
2	CMD/DI	Command line	MOSI
3	VSS1	Ground	Ground
4	VDD	Supply voltage	Supply voltage
5	CLK	Clock	Clock (SCK)
6	VSS2	Ground	Ground
7	DAT0	Data Line 0	MISO
8	DAT1	Data Line 1	Unused or IRQ
9	DAT2	Data Line 2	Unused

The pinout for the micro SD card is described in Table 3.

Table 3. Micro SD Card Functions

Pin No.	Name	SD Mode	SPI Mode
1	DAT2	Data Line 2	Unused
2	DAT3/CS	Data Line 3	Chip select
3	CMD	Command line	MOSI
4	VDD	Supply voltage	Supply voltage
5	CLK	Clock	Clock (SCK)
6	VSS	Ground	Ground
7	DAT0	Data Line 0	MISO
8	DAT1	Data Line 1	Unused or IRQ



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Sheet: /MicroSdCard/
File: microSdCard.kicad_sch

Title: Micro SD Card Connector

Size: A4 Date: 2024-05-23

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