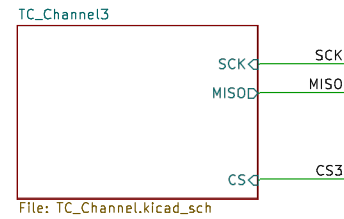
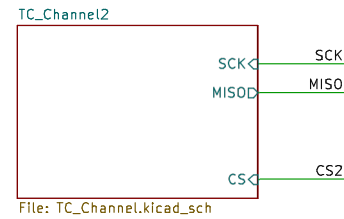
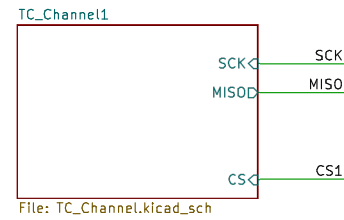
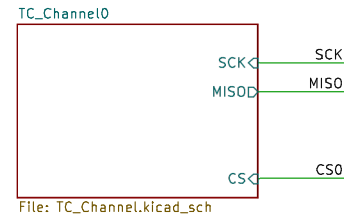
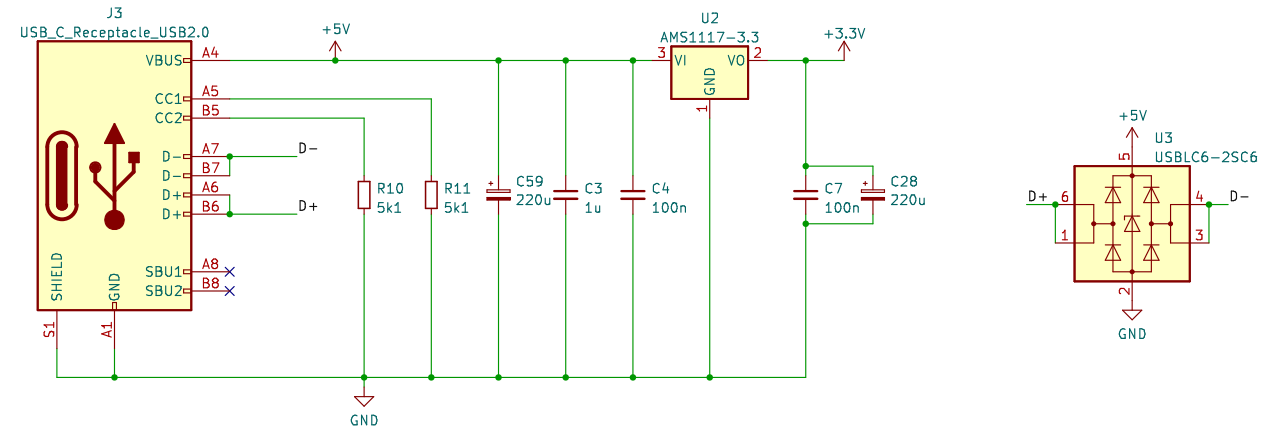


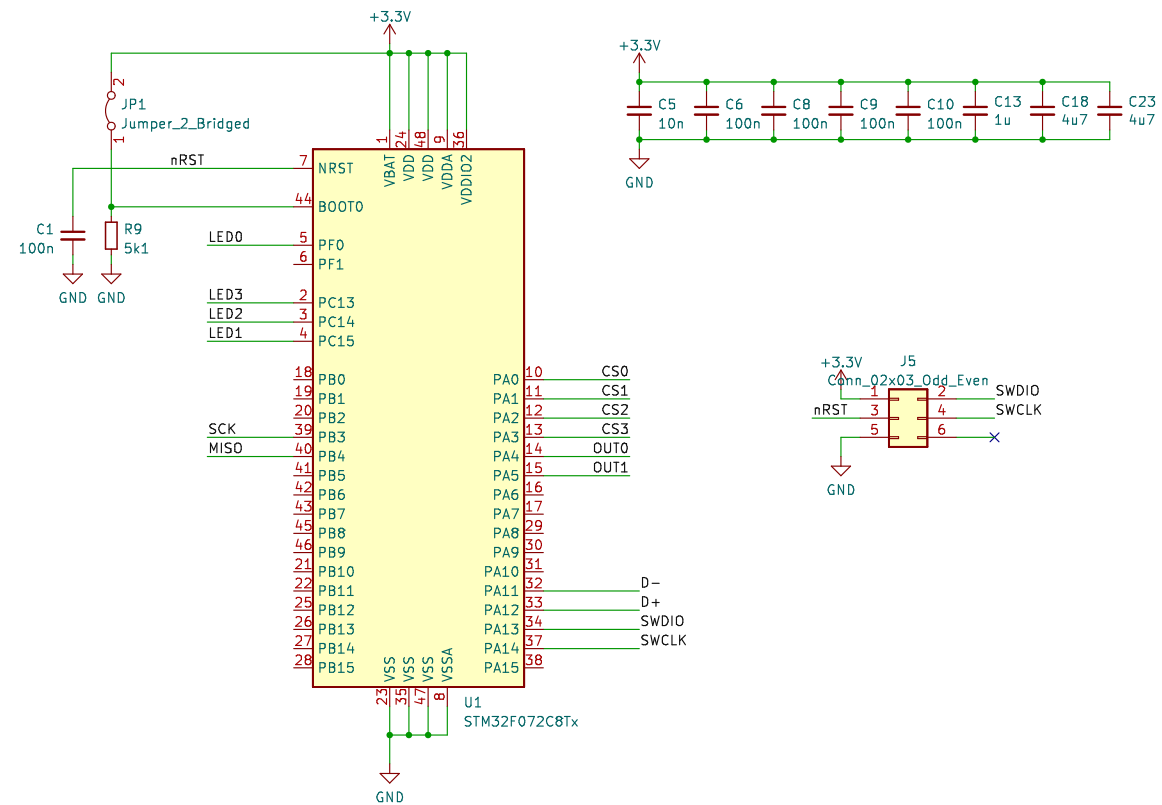
## Thermocouple Channels



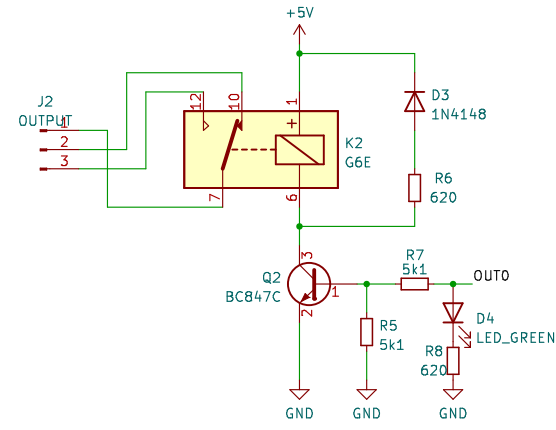
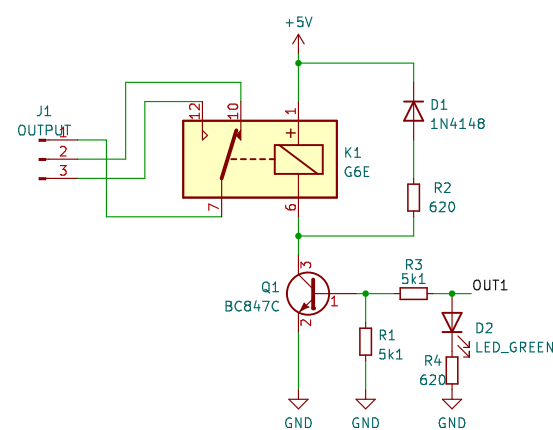
## USB & Power



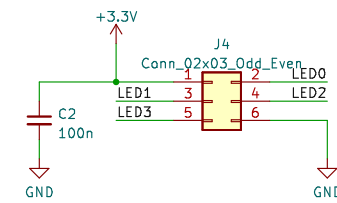
## Microcontroller



## Outputs



## Front Panel



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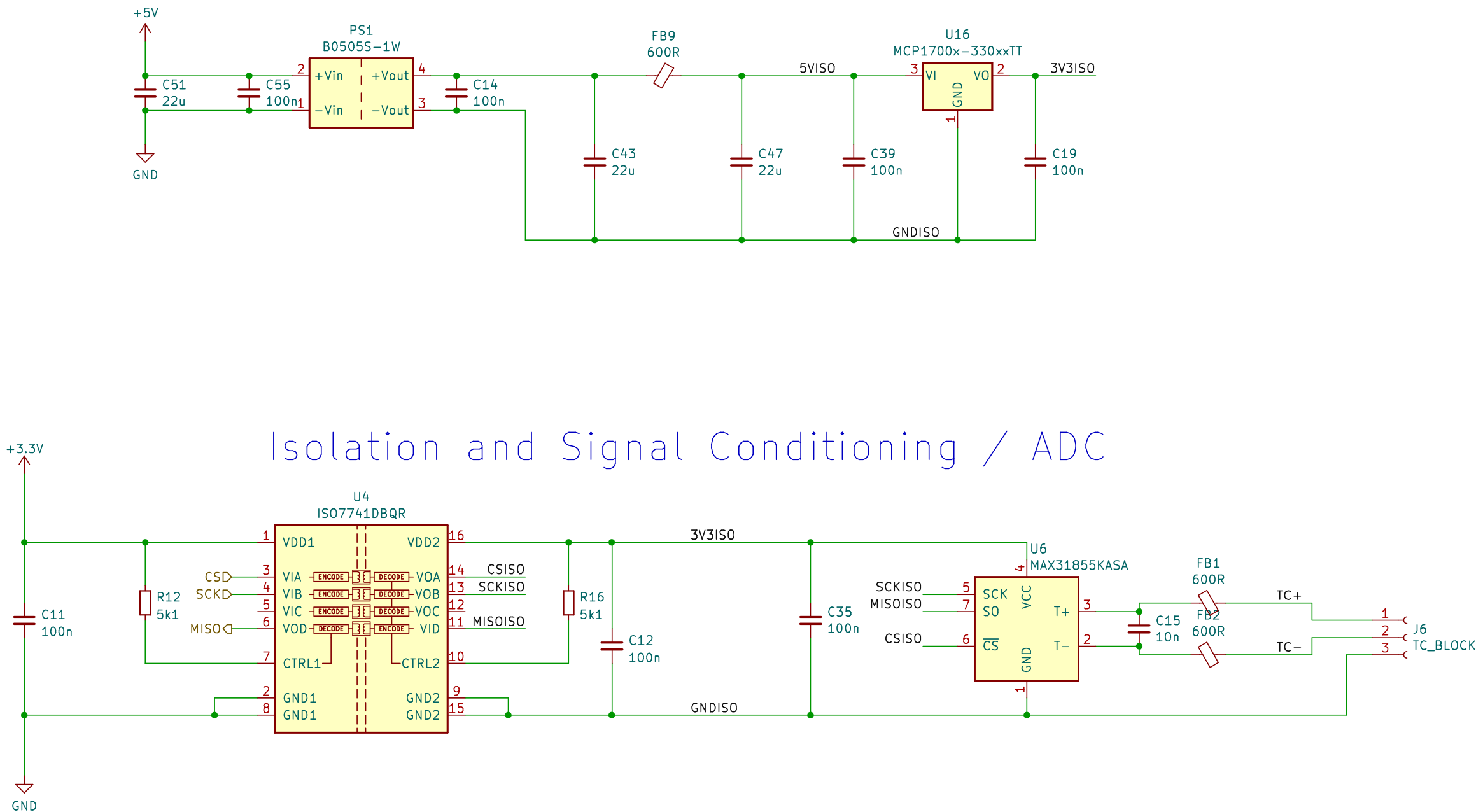
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**Title: PTC0402K Temperature Logger**

Size: A3 Date: 2023-09-13  
KiCad E.D.A. kicad 7.0.7+1

Rev: 1.0  
Id: 1/5

# Power Supply



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Sheet: /TC\_Channel0/  
File: TC\_Channel.kicad\_sch

**Title: PTC0402K Temperature Logger**

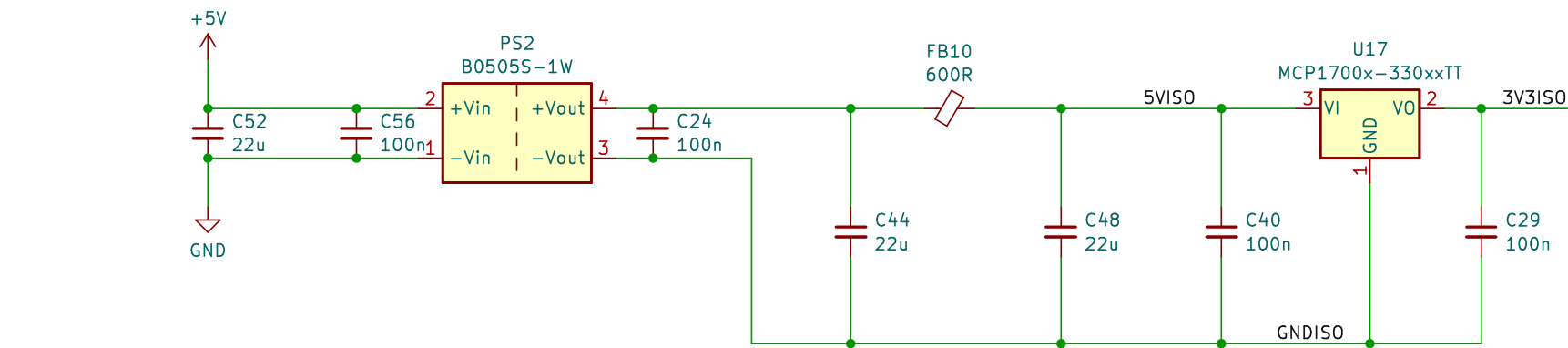
Size: A4 Date: 2023-09-13

Rev: 1.0

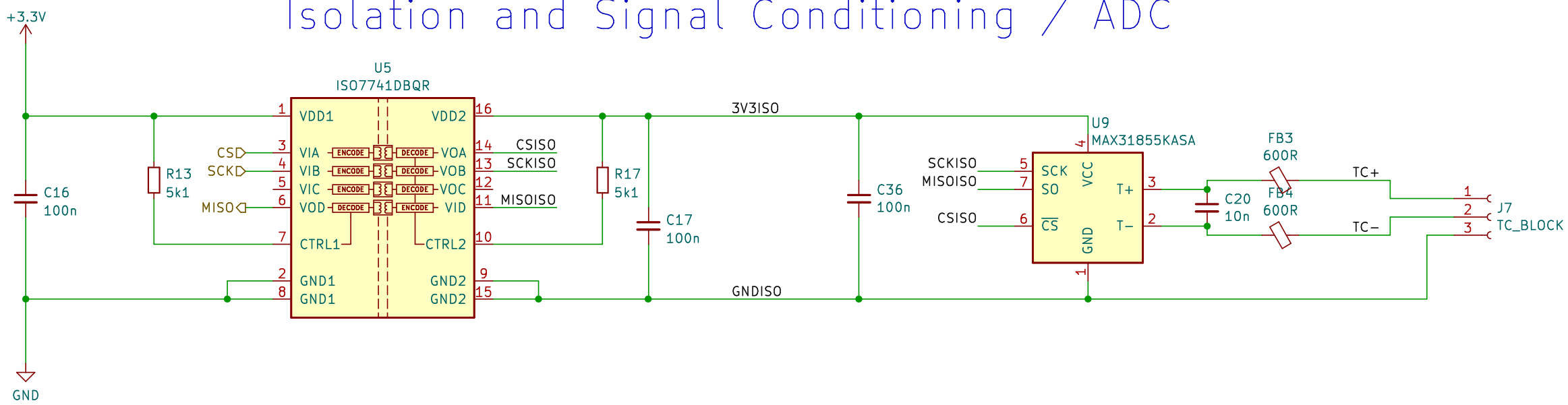
KiCad E.D.A. kicad 7.0.7+1

Id: 2/5

# Power Supply



# Isolation and Signal Conditioning / ADC



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Sheet: /TC\_Channel1/  
File: TC\_Channel.kicad\_sch

**Title: PTC0402K Temperature Logger**

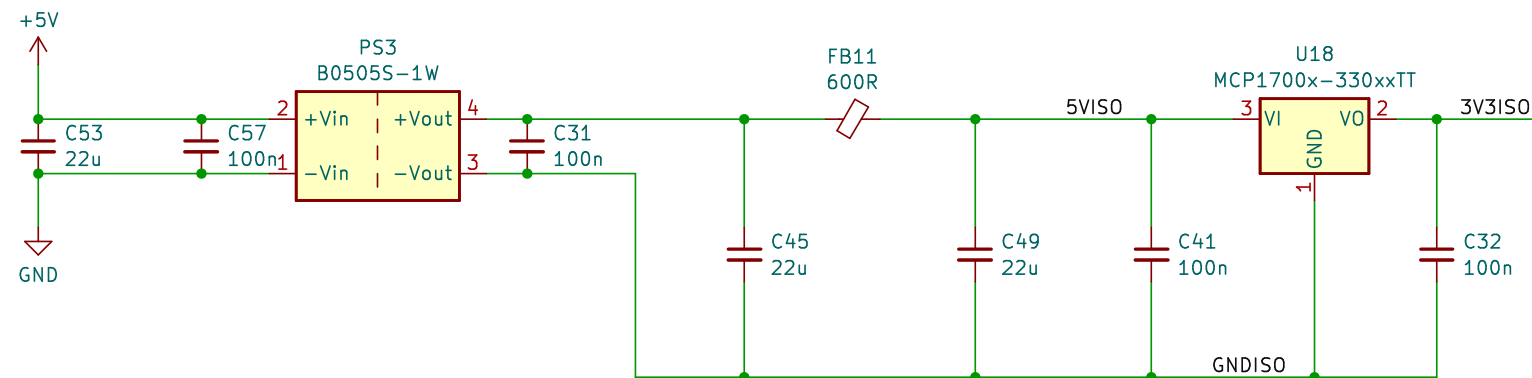
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Rev: 1.0

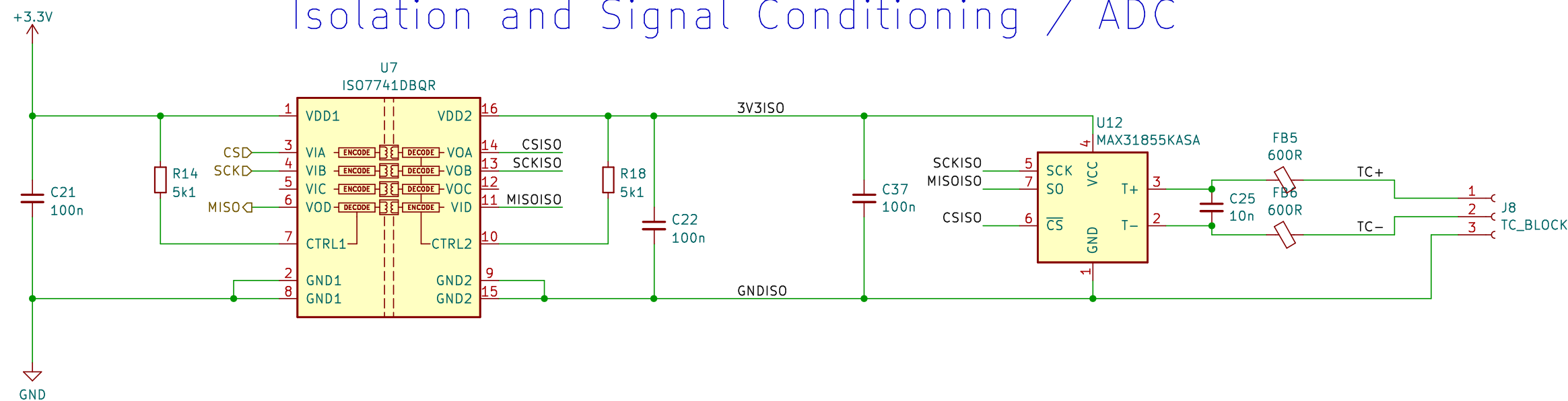
KiCad E.D.A. kicad 7.0.7+1

Id: 3/5

# Power Supply



# Isolation and Signal Conditioning / ADC



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Sheet: /TC\_Channel2/  
File: TC\_Channel.kicad\_sch

**Title: PTC0402K Temperature Logger**

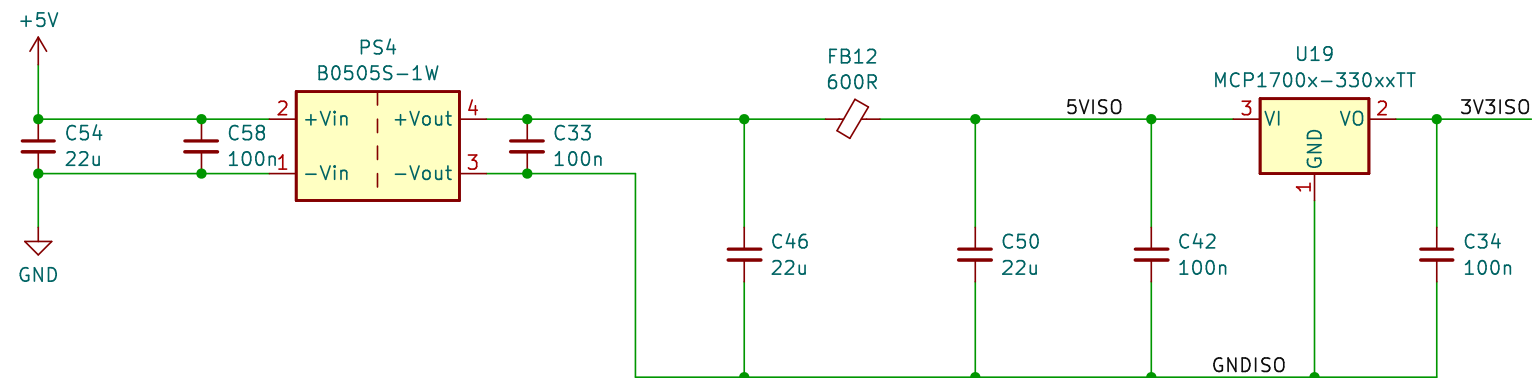
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Rev: 1.0

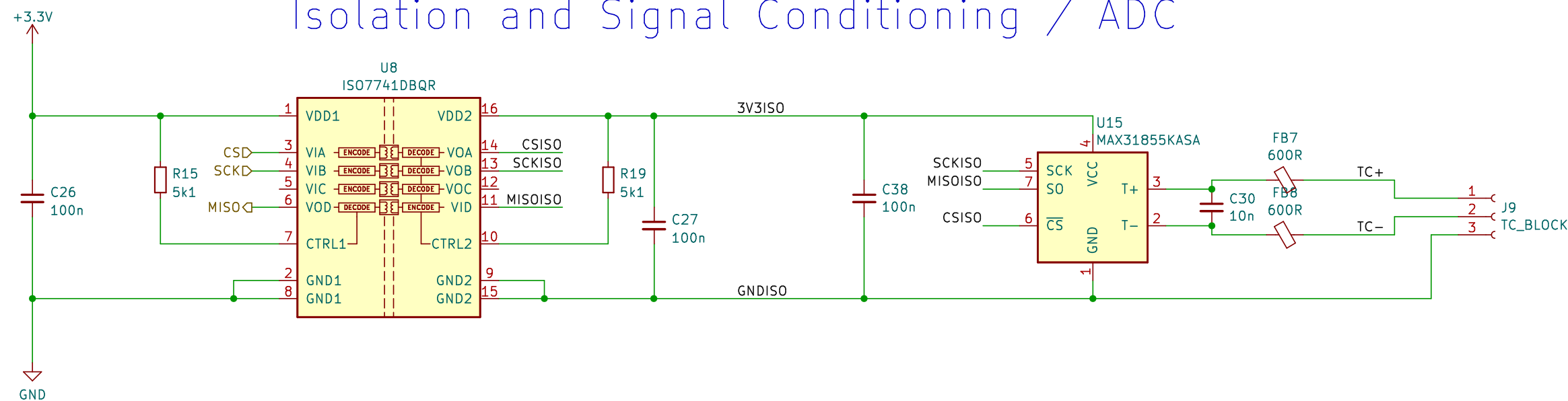
KiCad E.D.A. kicad 7.0.7+1

Id: 4/5

# Power Supply



# Isolation and Signal Conditioning / ADC



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Sheet: /TC\_Channel3/  
File: TC\_Channel.kicad\_sch

**Title: PTC0402K Temperature Logger**

Size: A4	Date: 2023-09-13	Rev: 1.0
KiCad E.D.A. kicad 7.0.7+1		Id: 5/5