

SDSU Rocket Project

Sheet: /Power/

File: Power.sch

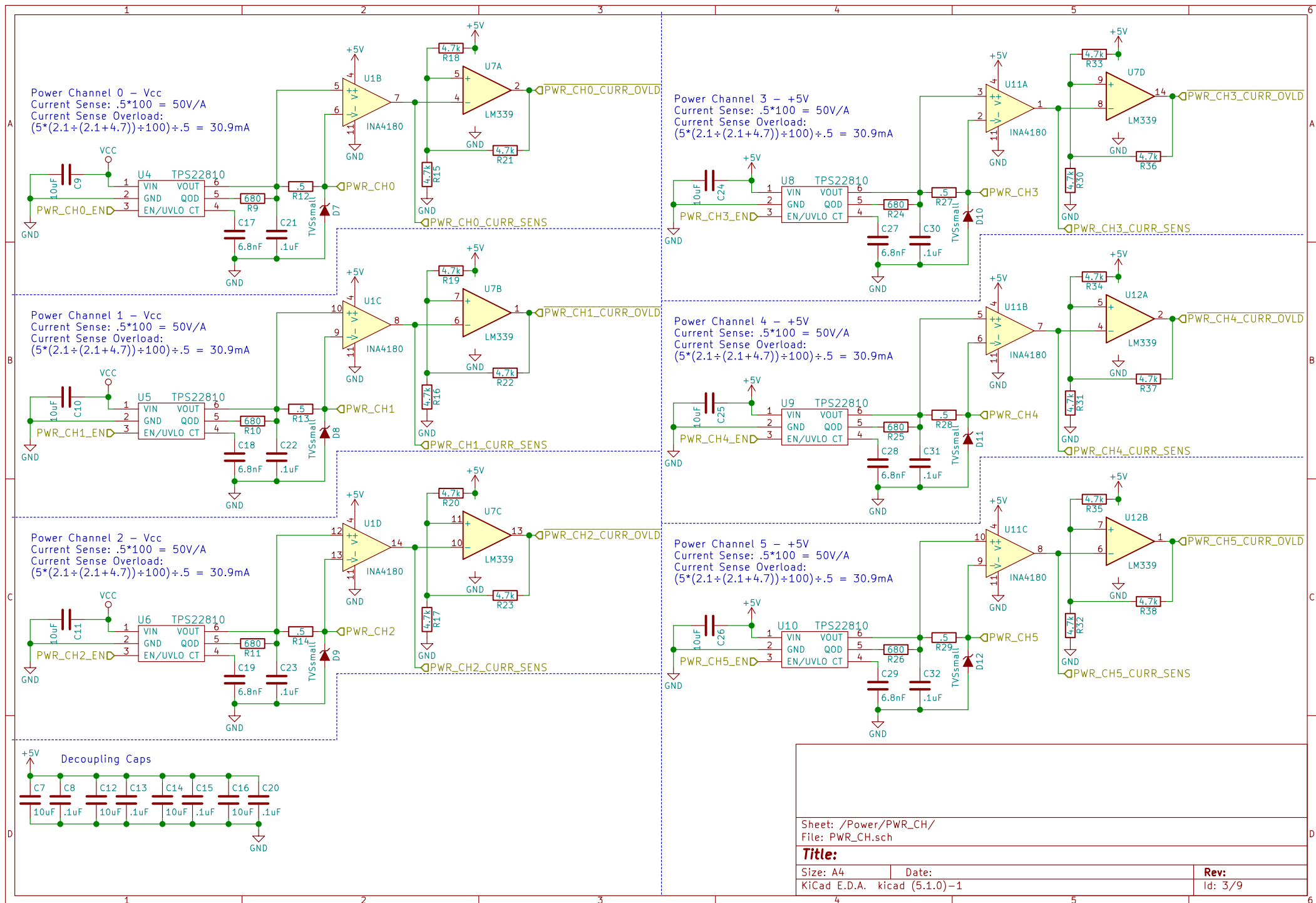
Title: HELIX Extension Board

Size: A4 Date: 2019-07-11

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Rev: A

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PressureTransducers

PWR_CH0_PT<-PWR_CH0_PT
PWR_CH1_PT<-PWR_CH1_PT
PWR_CH2_PT<-PWR_CH2_PT

PT_CH0<-PT_CH0
PT_CH1<-PT_CH1
PT_CH2<-PT_CH2

PressureTransducers.sch

Thermocouples

TC_CH0<-TC_CH0
TC_CH1<-TC_CH1

Thermocouples.sch

RTDs

RTD0_LEAD1<-RTD0_LEAD1
RTD0_LEAD2<-RTD0_LEAD2
RTD0_IDAC1<-RTD0_IDAC1
RTD0_IDAC2<-RTD0_IDAC2
RTD0_REFP<-RTD0_REFP
RTD0_REFN<-RTD0_REFN

RTD1_LEAD1<-RTD1_LEAD1
RTD1_LEAD2<-RTD1_LEAD2
RTD1_IDAC1<-RTD1_IDAC1
RTD1_IDAC2<-RTD1_IDAC2
RTD1_REFP<-RTD1_REFP
RTD1_REFN<-RTD1_REFN

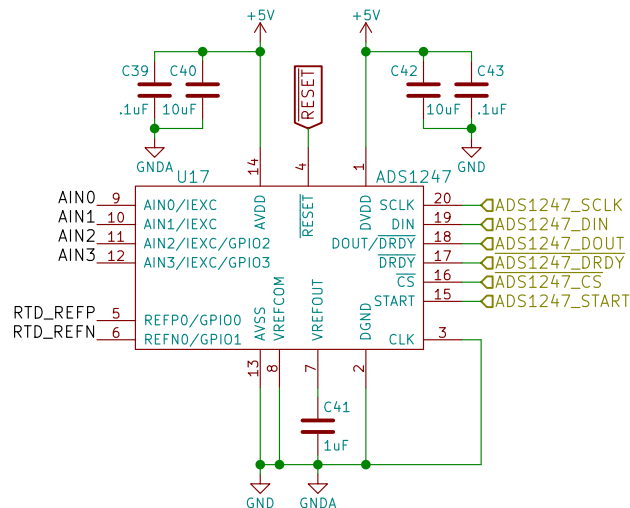
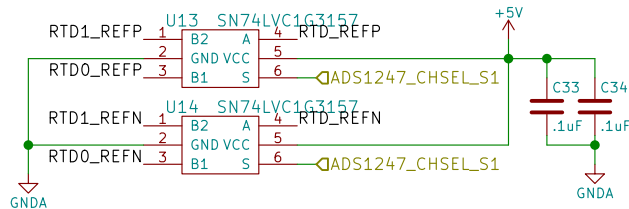
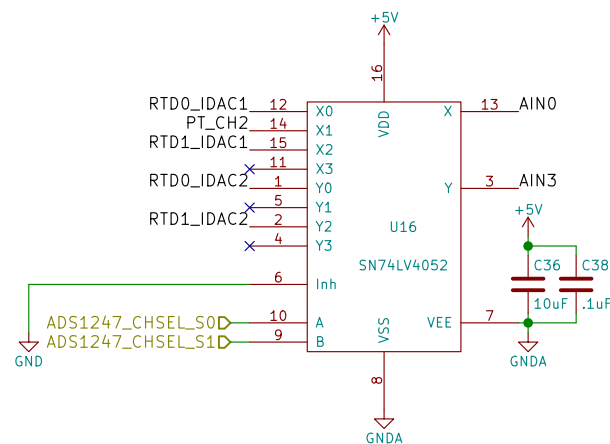
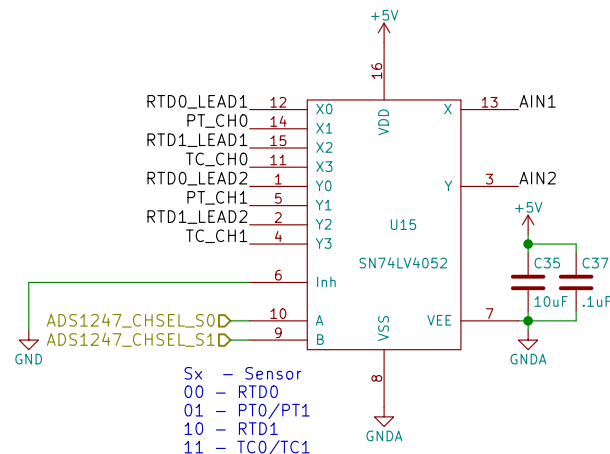
RTDs.sch

HallEffect

PWR_CH3_HE<-PWR_CH3_HE
PWR_CH4_HE<-PWR_CH4_HE
PWR_CH5_HE<-PWR_CH5_HE

HE_CH0<-HE_CH0
HE_CH1<-HE_CH1
HE_CH2<-HE_CH2

HallEffect.sch



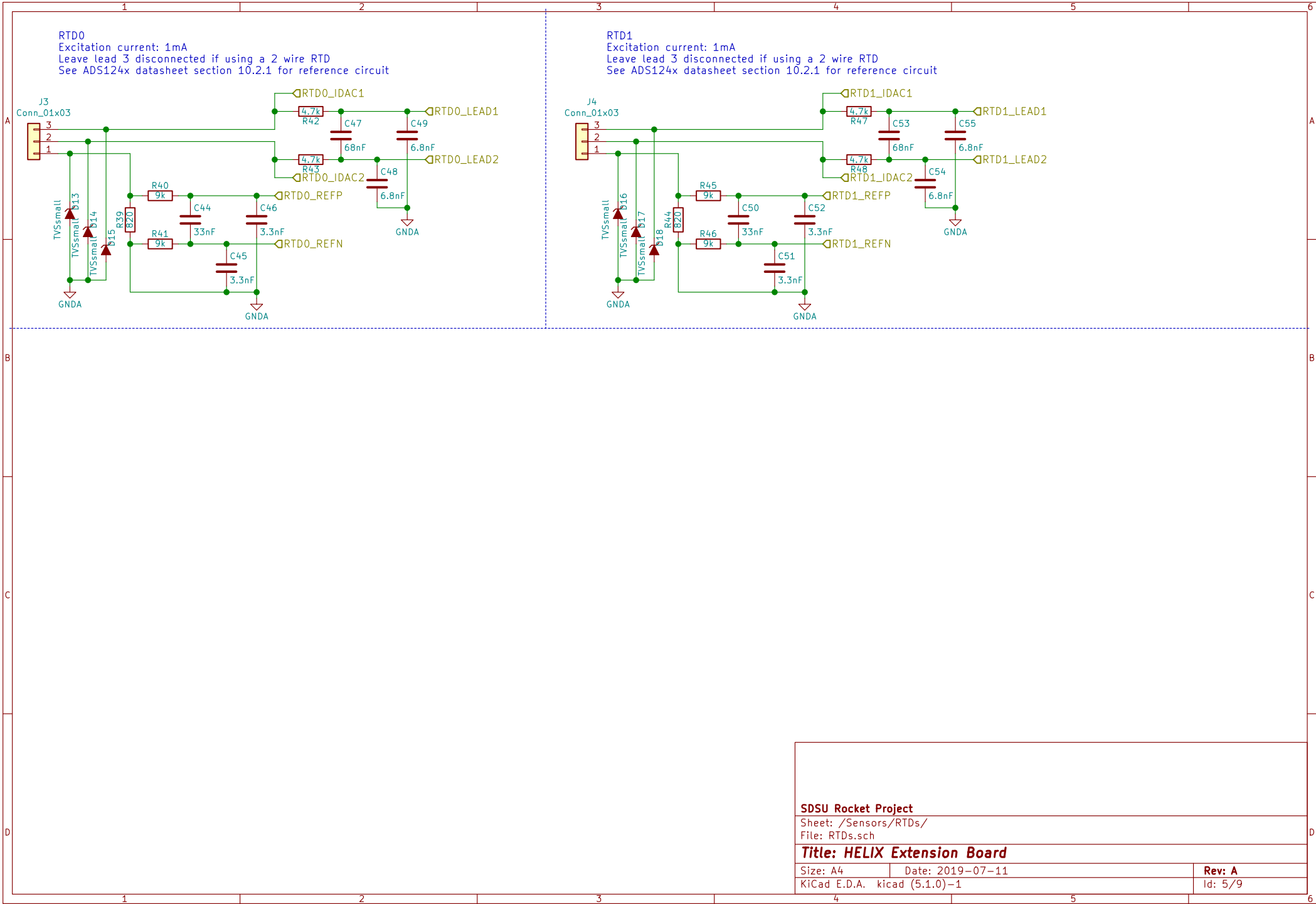
SDSU Rocket Project

Sheet: /Sensors/
File: Sensors.sch

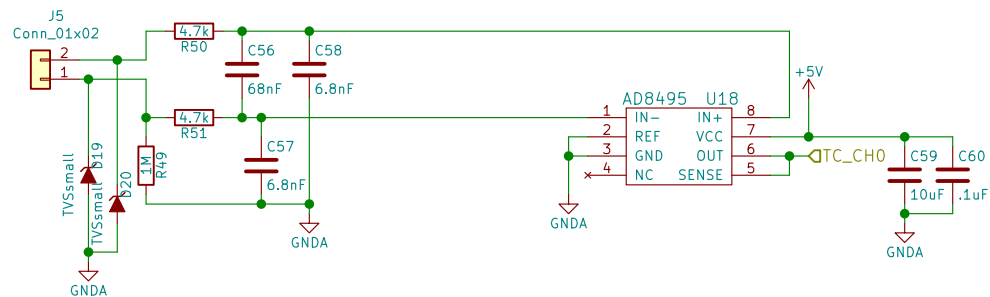
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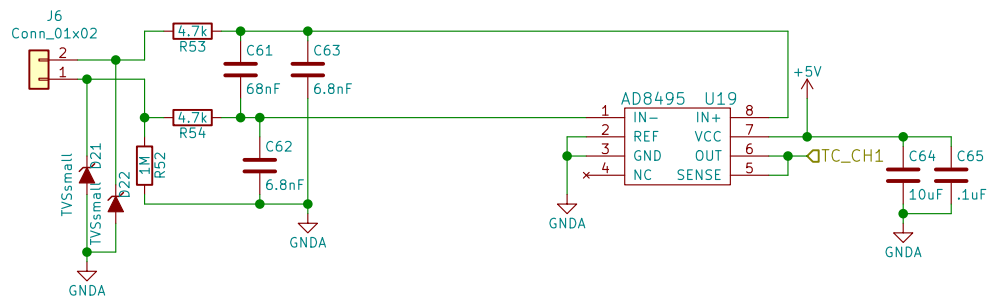
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TC0
See AD8495 Application Information for example circuit



TC1
See AD8495 Application Information for example circuit



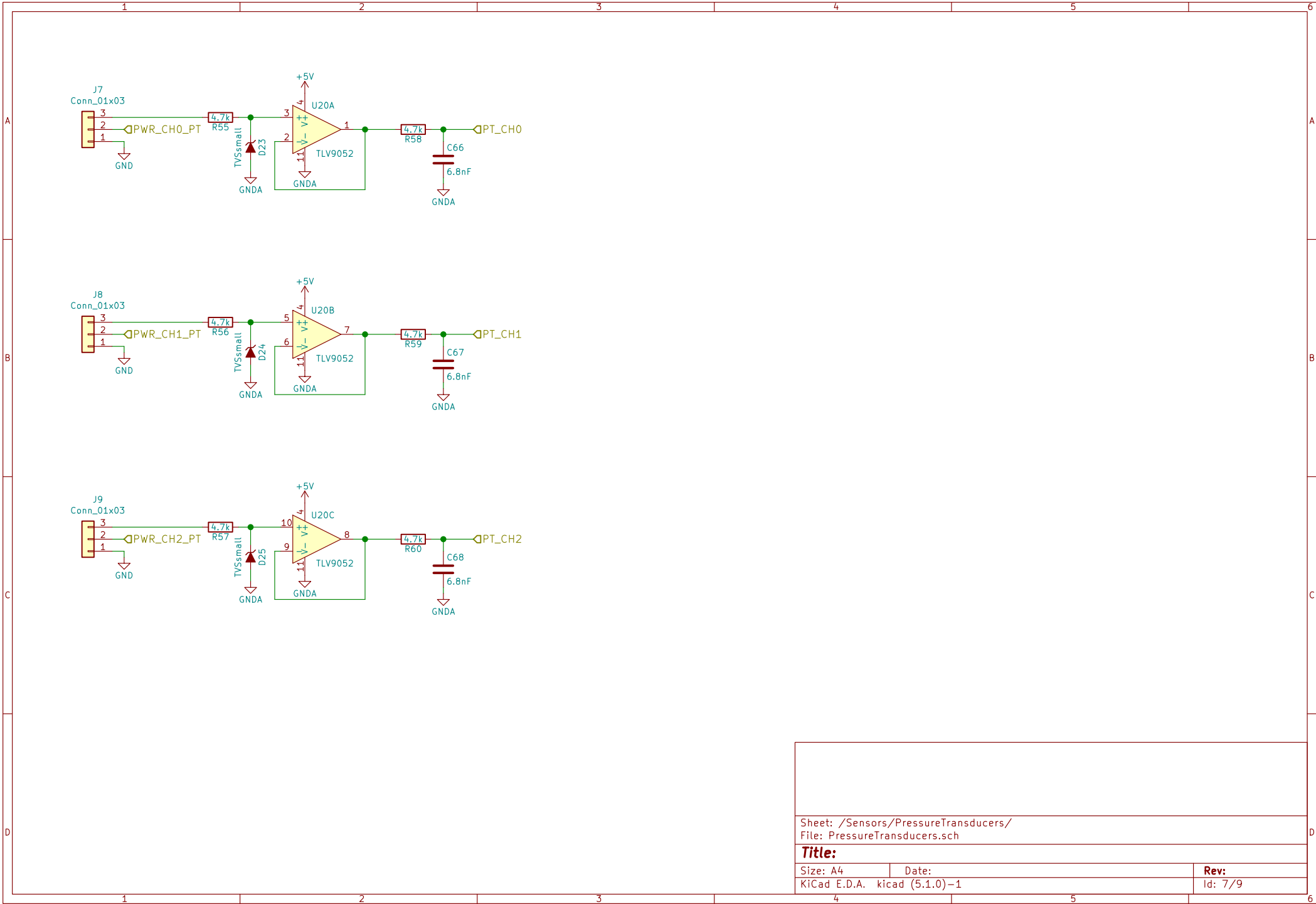
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Sheet: /Sensors/Thermocouples/
File: Thermocouples.sch

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Sheet: /Sensors/PressureTransducers/
File: PressureTransducers.sch

Title:

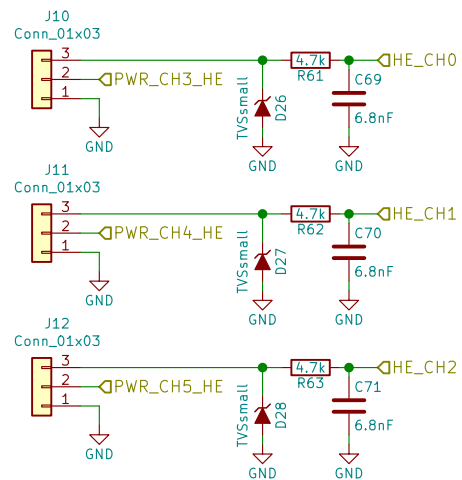
Size: A4

Date:

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Title:

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