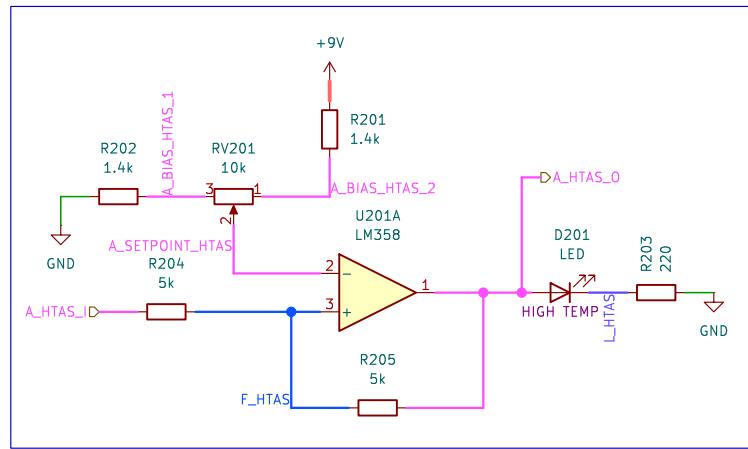


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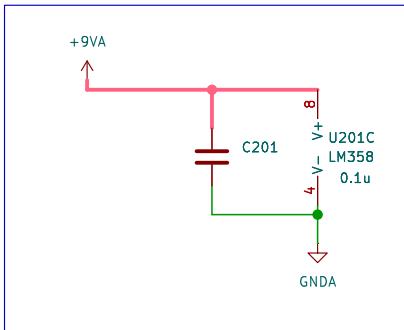
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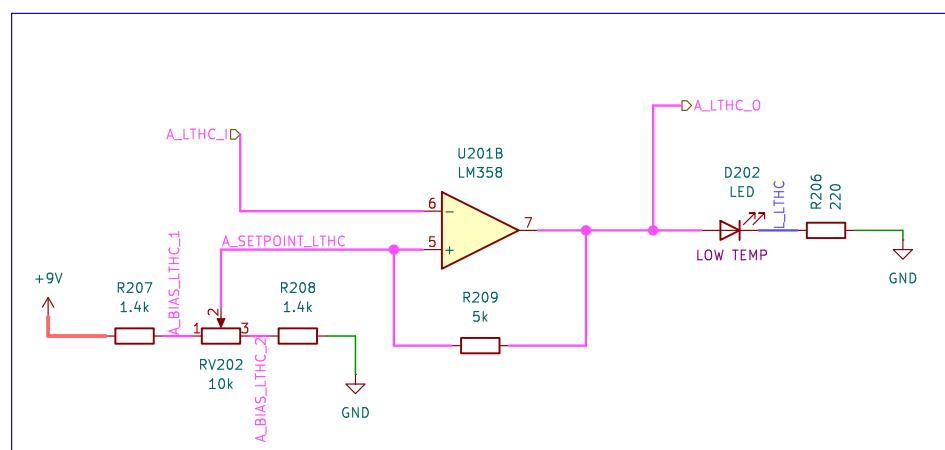
High temp alert system



opamp power



Low temp heater control



Description

High Temp Alarm
IN: A_HTAS_I (amplified temp)
OUT: A_HTAS_O (alarm)
ADJ: HIGH TEMP pot (RV201)

Low Temp Heater Control:
IN: A_LTHC_I (amplified temp)
OUT: HEATER_DRIVE (MOSFET), A_LTHC_O (alarm)
ADJ: LOW TEMP pot (RV202)

Thermal control logic for both high and low temp alert
LKP Systems

Sheet: /thermal control/
File: thermal_control.kicad_sch

Title: Thermal control

Size: A4 Date: 2026-01-28
KiCad E.D.A. 9.0.7

Rev: 1
Id: 2/7

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