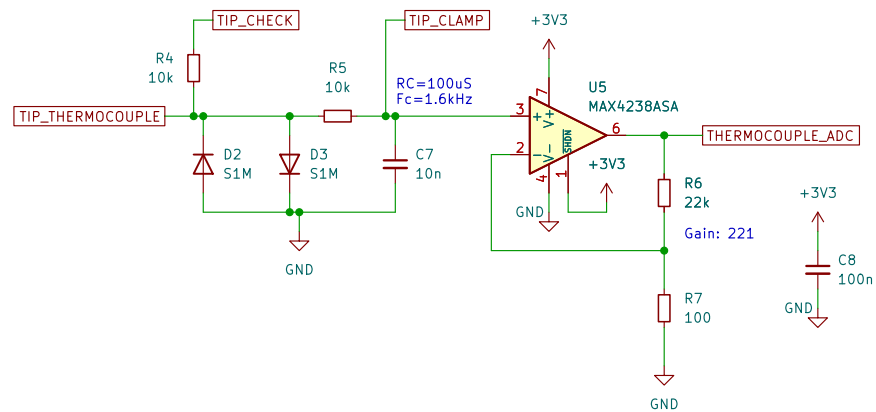


Rev: 1.1
Id: 2/4



If TIP_CHECK is set high (3V3), the low impedance tip (< 3Ω) will have a low voltage drop.
If tip is removed, Vf of the input clamp diodes will drive the opamp into saturation.

TIP_CLAMP is pulled low when tip is active, to prevent noise and transients driving MAX4238 into overload situations.

OpenSolder – JBC T245 compatible soldering station

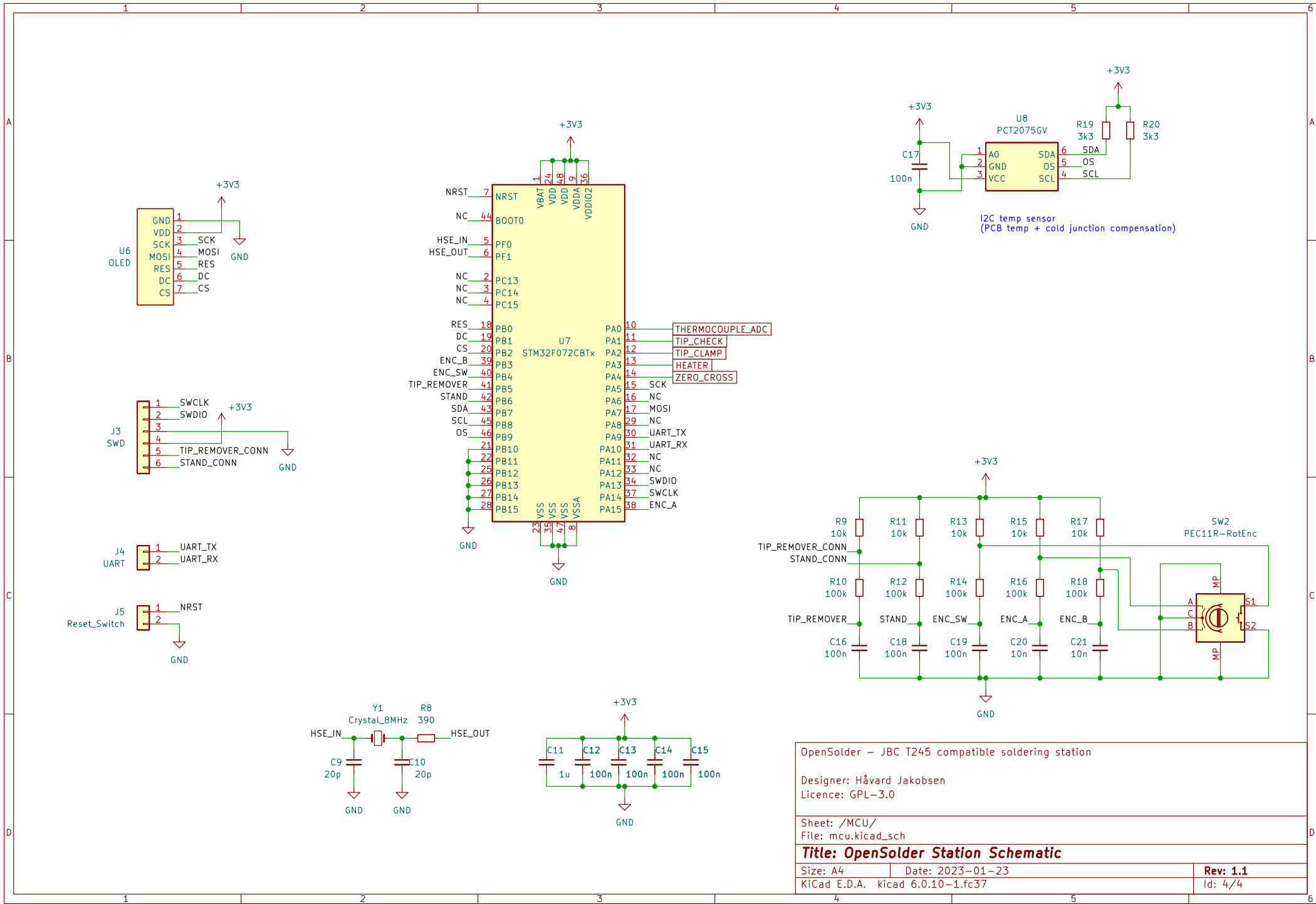
Designer: Håvard Jakobsen
Licence: GPL–3.0

Sheet: /Analog/
File: analog.kicad_sch

Title: OpenSolder Station Schematic

Size: A4 Date: 2023–01–23
KiCad E.D.A. kicad 6.0.10–1.fc37

Rev: 1.1
Id: 3/4



OpenSolder – JBC T245 compatible soldering station

Designer: Håvard Jakobsen
Licence: GPL–3.0

Sheet: /MCU/
File: mcu.kicad_sch

Title: OpenSolder Station Schematic

Size: A4 Date: 2023–01–23
KiCad E.D.A. kicad 6.0.10–1.fc37

Rev: 1.1
Id: 4/4