

Abstract—The purpose of this study was to determine if there were differences in the prevalence of musculoskeletal disorders between two groups of nurses working in different units of a tertiary care hospital.

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H1



H2



○ H3



O **H**



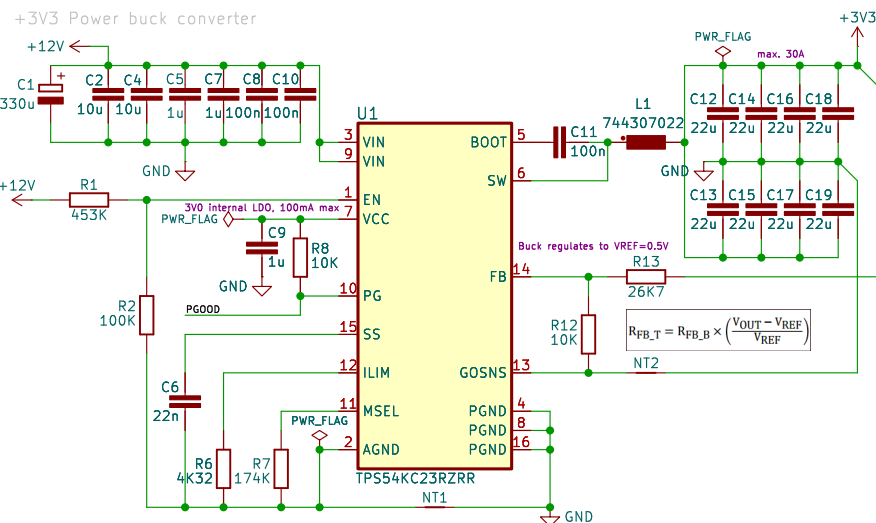
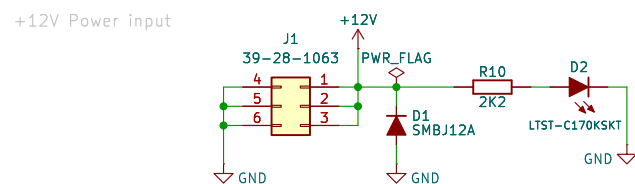
H



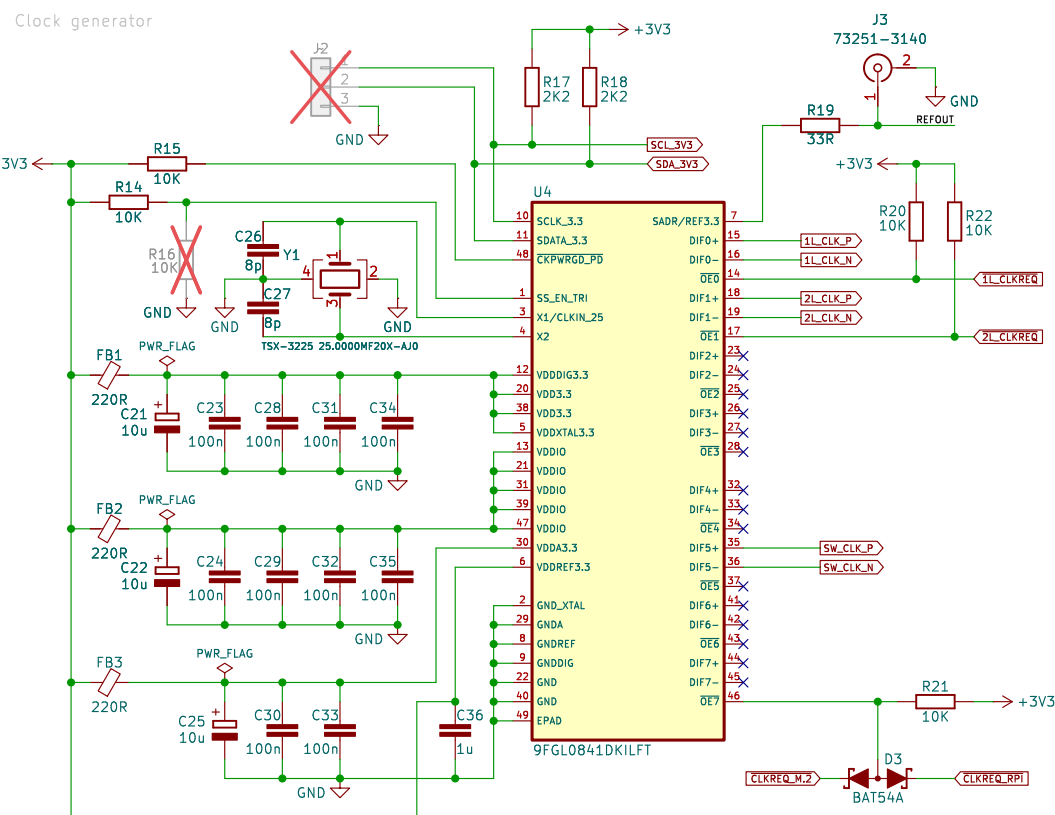
OH

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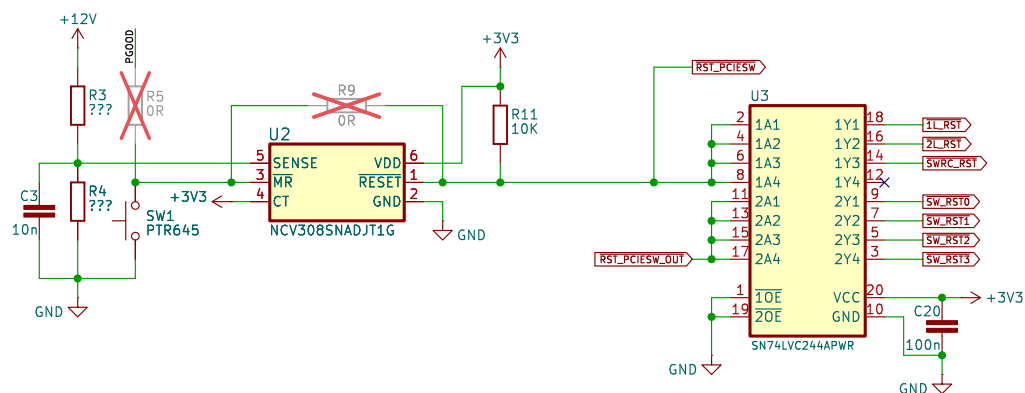
Size: A4	Date: 2025-07-25	Rev: r1B1
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14	FB	I	Output voltage feedback input. A resistor divider from the output voltage to GOSNS (tapped to FB pin) sets the output voltage. Connect the FB divider to the output voltage near the load.
13	GOSNS	I	Negative input of the differential remote sense circuit. Connect to a ground sense point near the load.



Voltage Supervisor, Manual Reset and Reset fanout



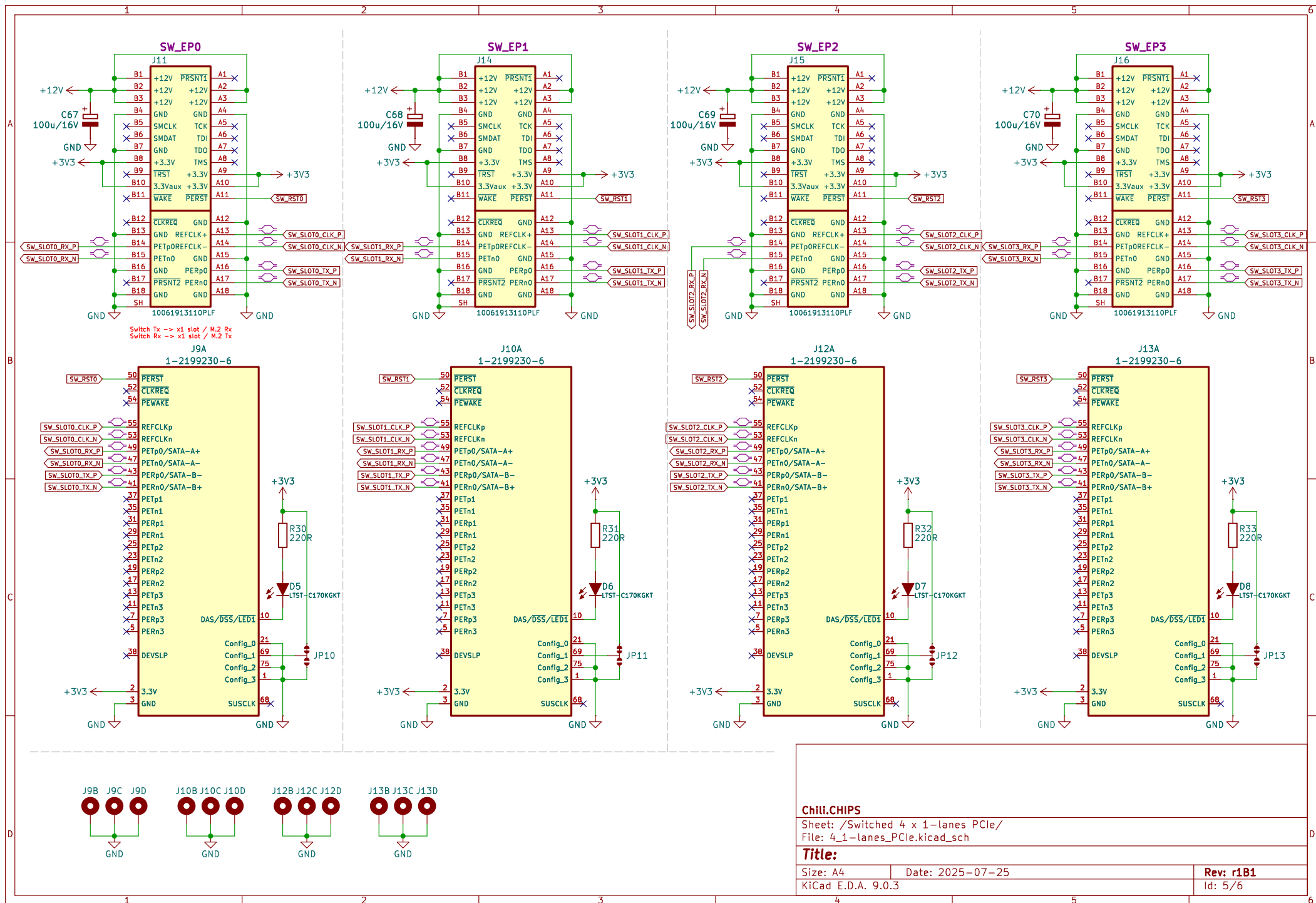
Chili.CHIPS

Sheet: /Clock generator & Reset fanout/
File: clock_gen.kicad_sch

Title:

Size: A4	Date: 2025-07-25
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Rev: r1B1
Id: 2/6



Chili.CHIPS

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Title:

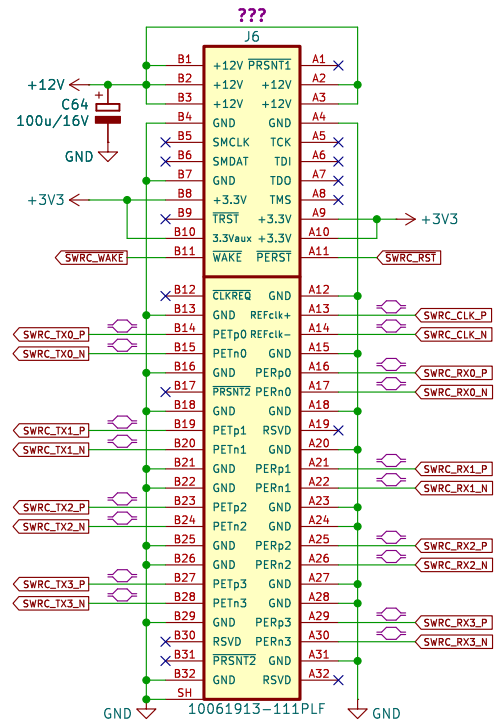
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KiCad E.D.A. 9.0.3

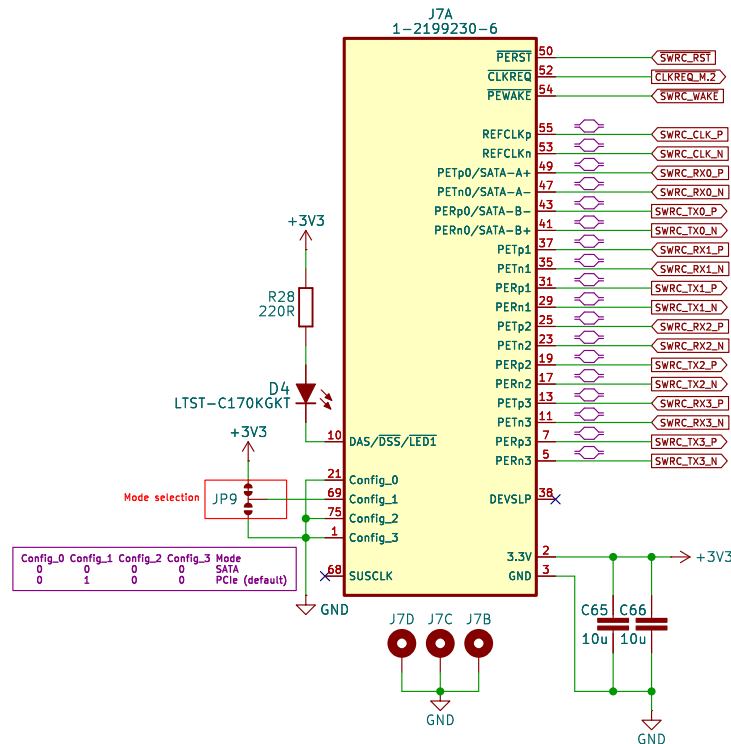
Rev: r1B1

Id: 5/6

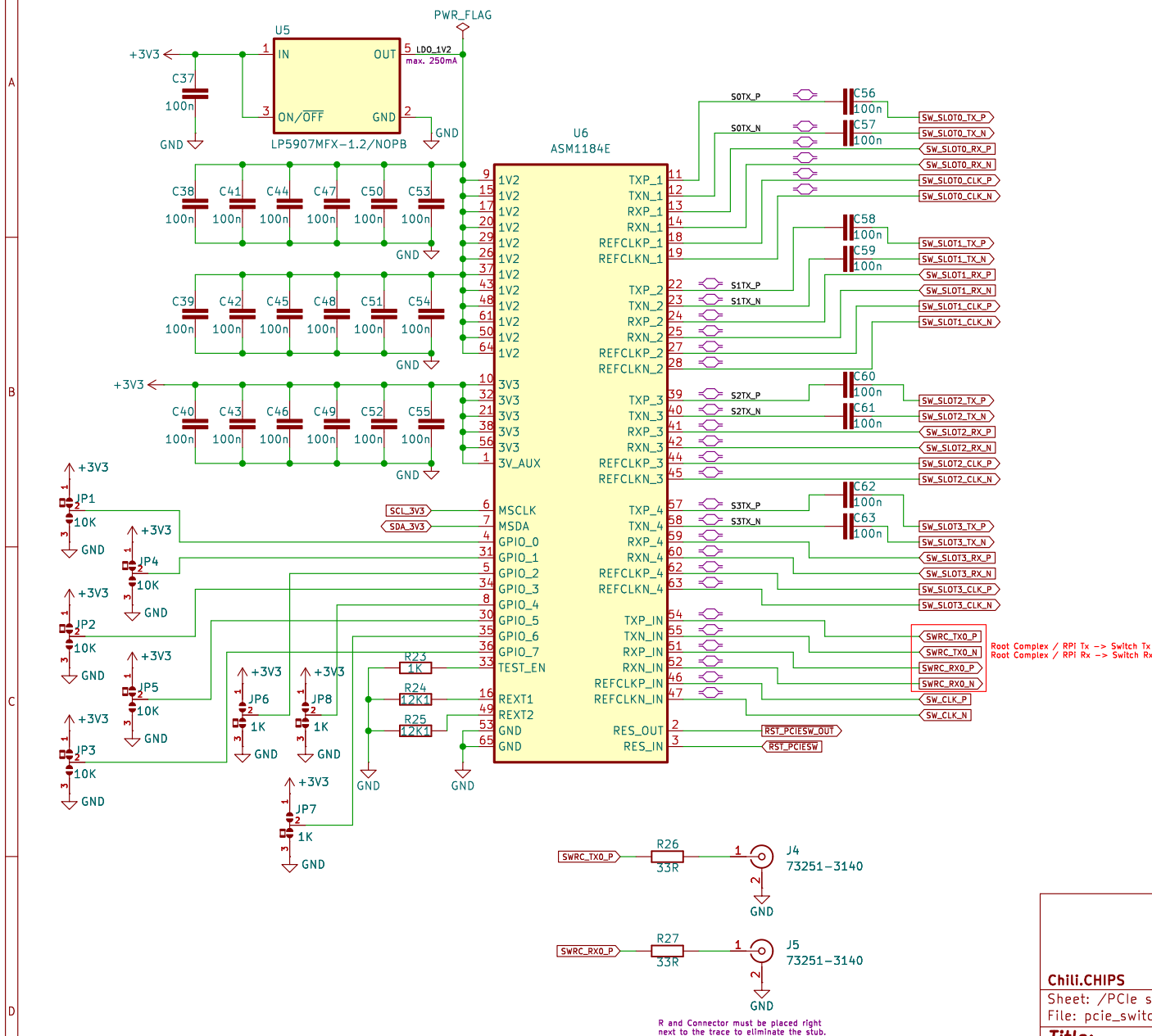
4-lane PCIe for Root Complex



4-lane M.2 (Type M) for Root Complex



PCIe 4-slot switch



Root Complex / RPI Tx -> Switch Tx
Root Complex / RPI Rx -> Switch Rx

R and Connector must be placed right
next to the trace to eliminate the stub.

Chili.CHIPS

Sheet: /PCIe switch/
File: pcie_switch.kicad_sch

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Size: A4
KiCad E.D.A. 9.0.3

Date: 2025-07-25

Rev: r1B1

Id: 3/6

