

LAAS/CNRS

Sheet: /OMODRI_SA_MCU/
File: OMODRI_mcu.kicad_sch

Title: Open MOror DRiver Initiative – Single Axis (OMODRI_SA)

Size: A4

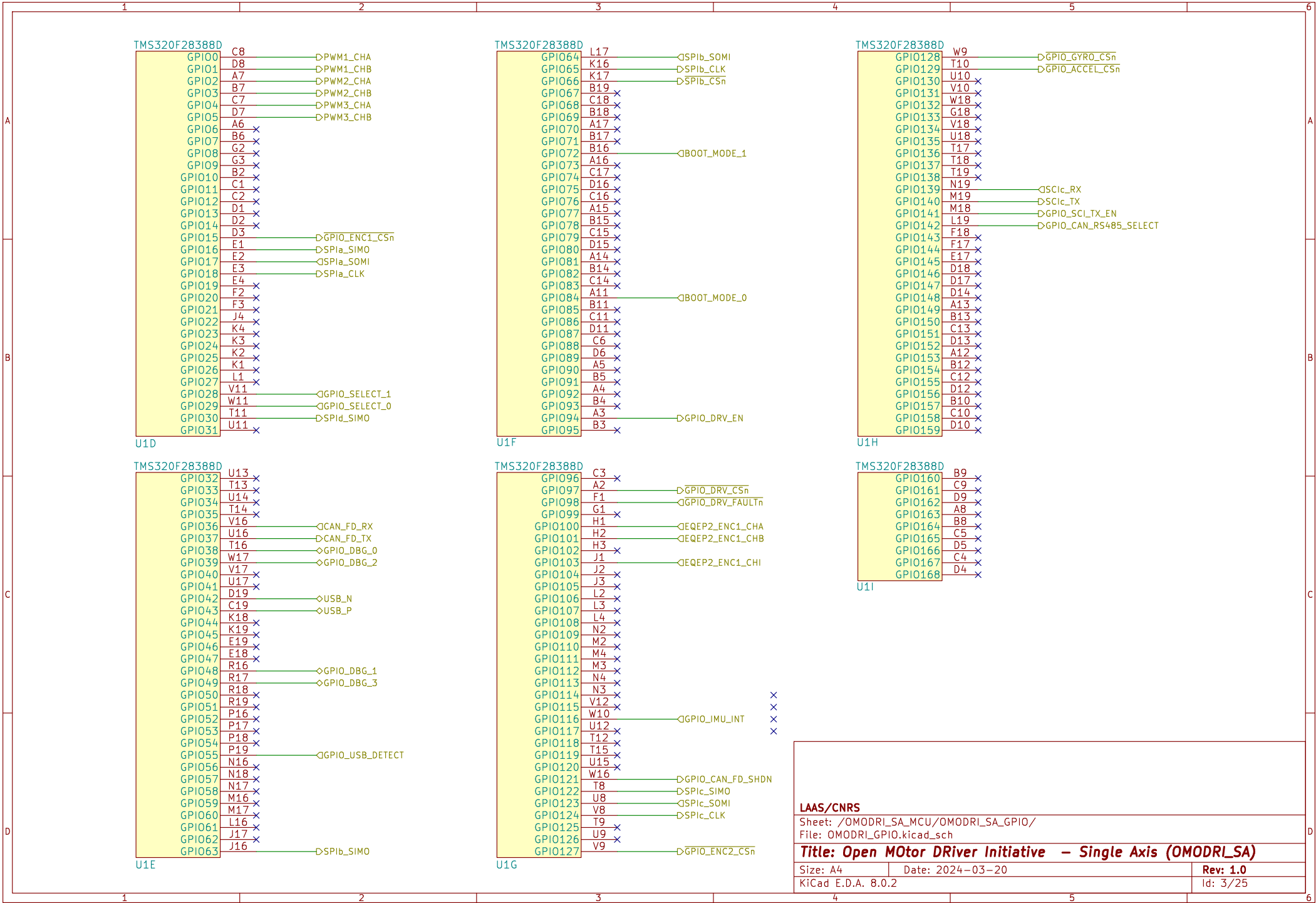
Date: 2024-03-20

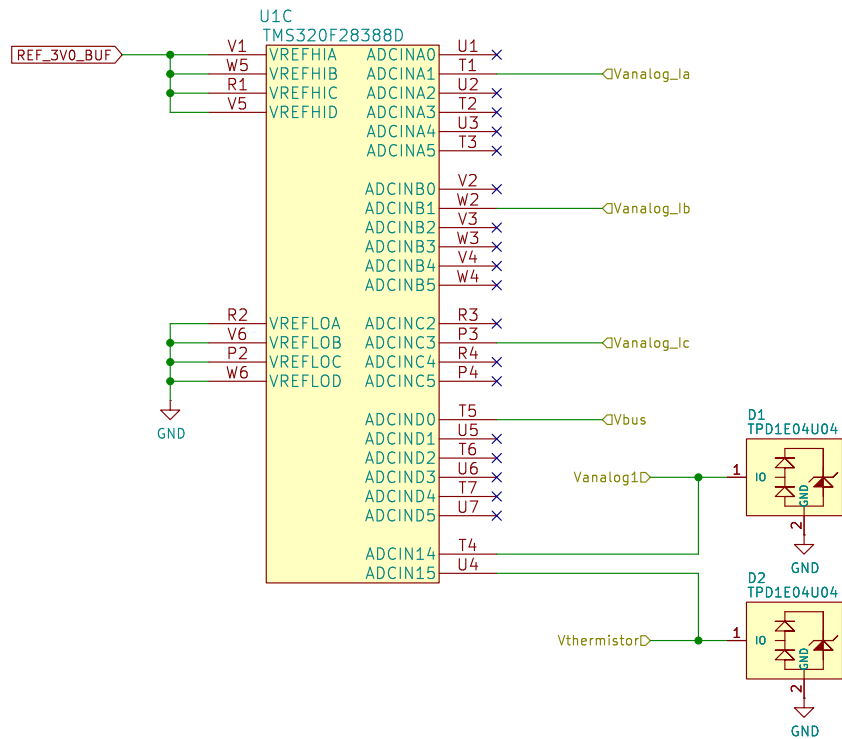
Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 2/25

D





LAAS/CNRS

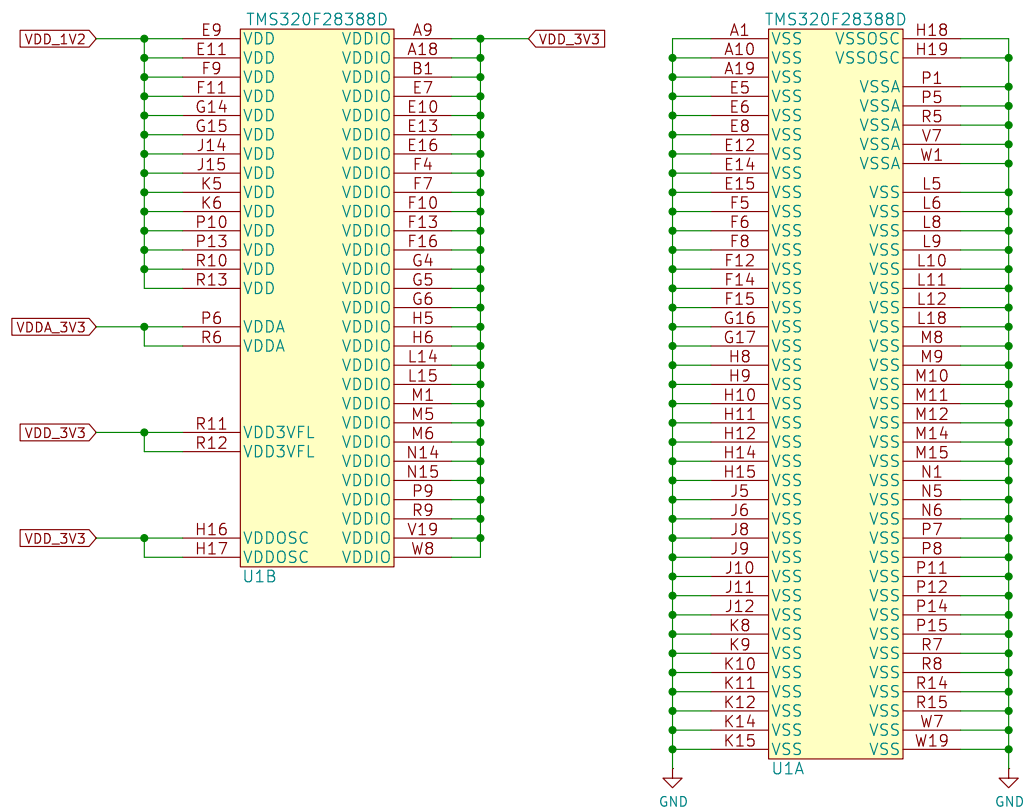
Sheet: /OMODRI_SA_MCU/OMODRI_SA_ANALOG/
File: OMODRI_ANALOG.kicad_sch

Title: Open M^Otor D^River Initiative – Single Axis (OMODRI_SA)

Size: A4
KiCad E.D.A. 8.0.2

Date: 2024-03-20

Rev: 1.0
Id: 4/25



LAAS/CNRS

Sheet: /OMODRI_SA_MCU/OMODRI_SA_MCU_POWER/
File: OMODRI_mcu_power.kicad_sch

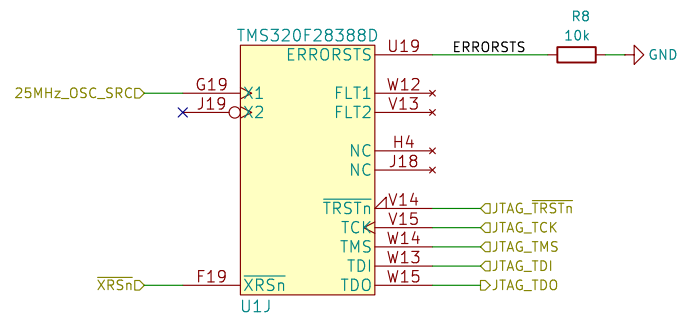
Title: Open Mtor Driver Initiative – Single Axis (OMODRI_SA)

Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 5/25



LAAS/CNRS

Sheet: /OMODRI_SA_MCU/OMODRI_SA_MCU_CTRL/
File: OMODRI_mcu_ctrl.kicad_sch

Title: Open M^Otor D^River Initiative – Single Axis (OMODRI_SA)

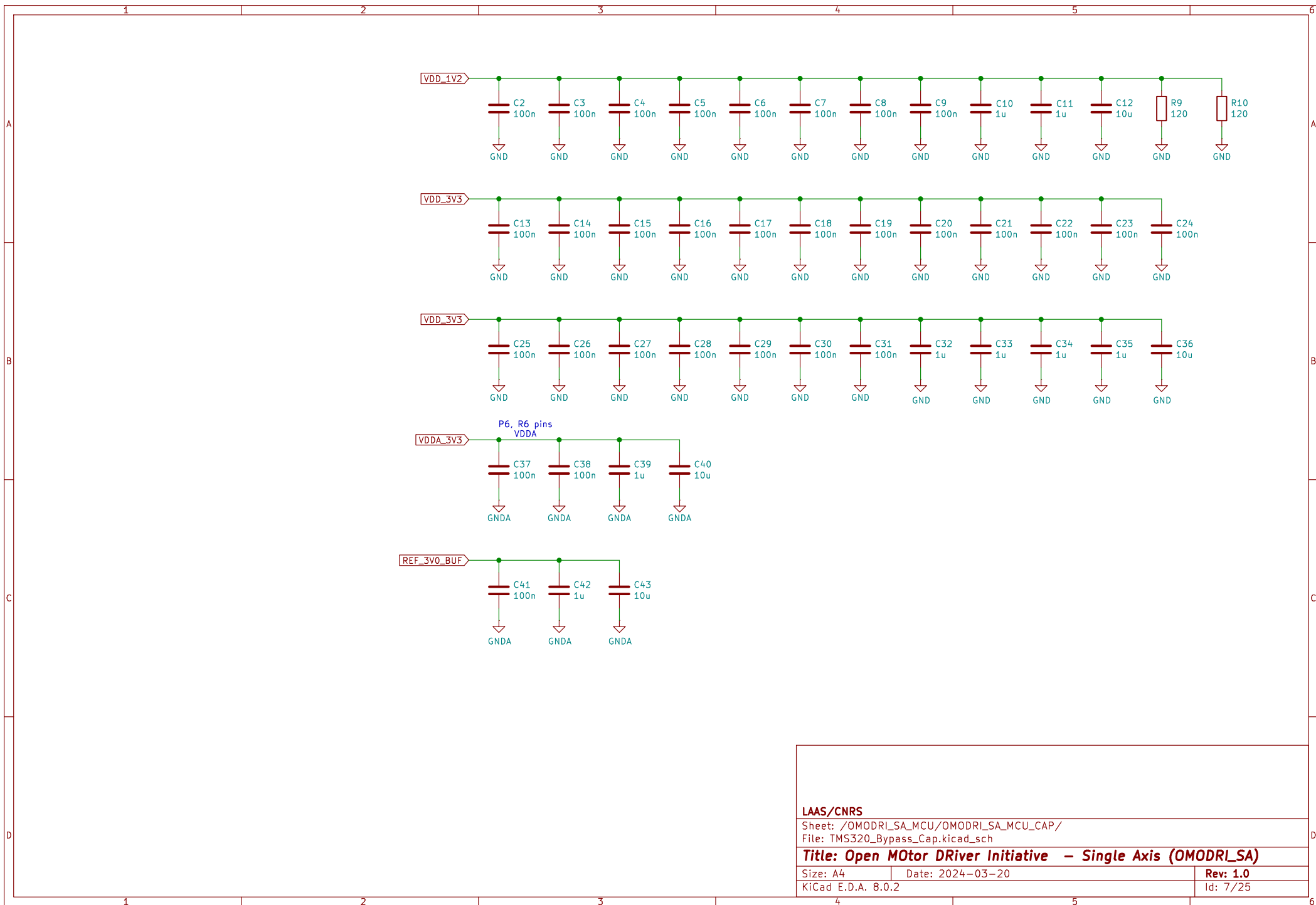
Size: A4

Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 6/25



LAAS/CNRS

Sheet: /OMODRI_SA_MCU/OMODRI_SA_MCU_CAP/
File: TMS320_Bypass_Cap.kicad_sch

Title: Open M^otor Driver Initiative – Single Axis (OMODRI_SA)

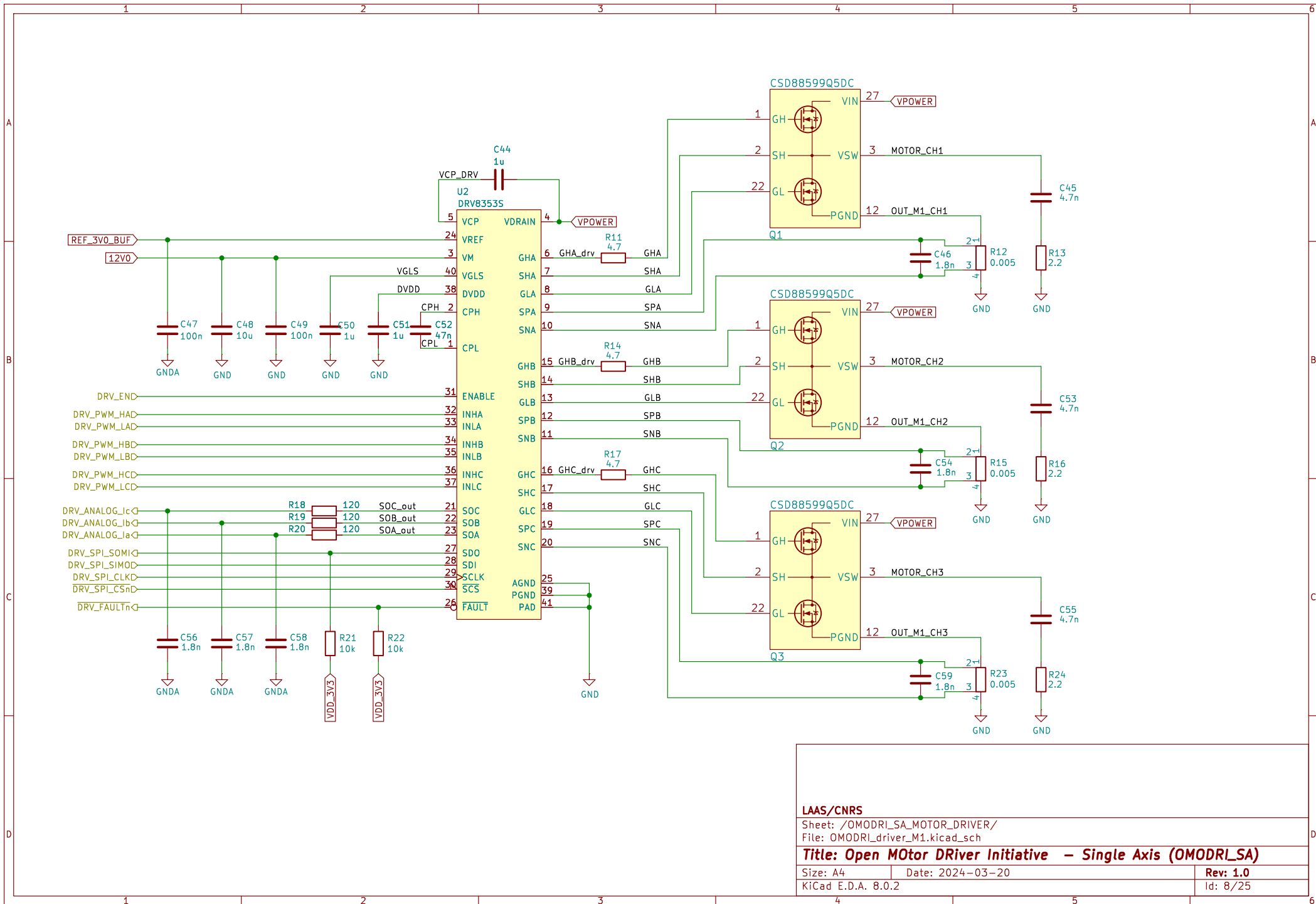
Size: A4

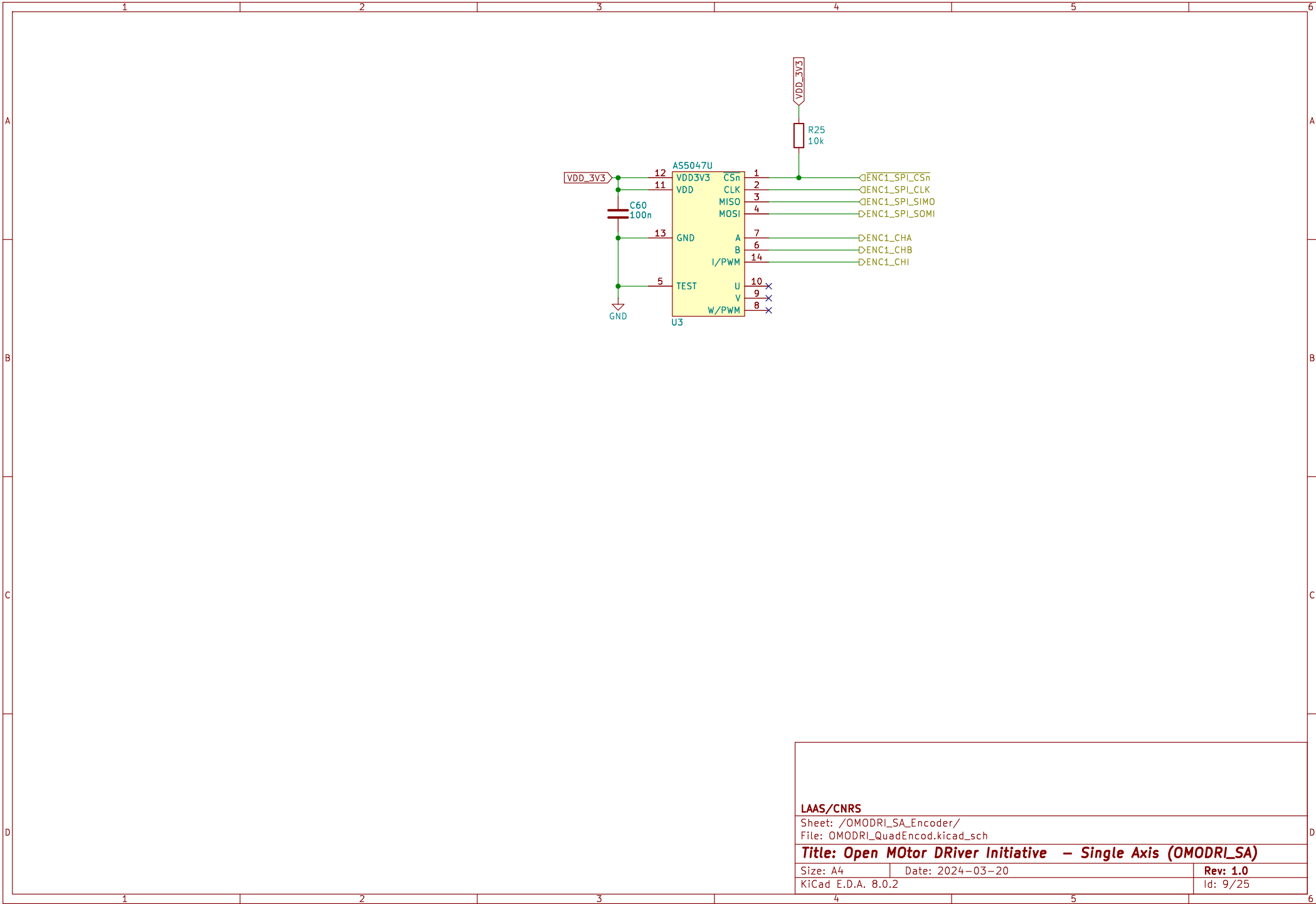
Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 7/25





LAAS/CNRS

Sheet: /OMODRI_SA_Encoder/
File: OMODRI_QuadEncod.kicad_sch

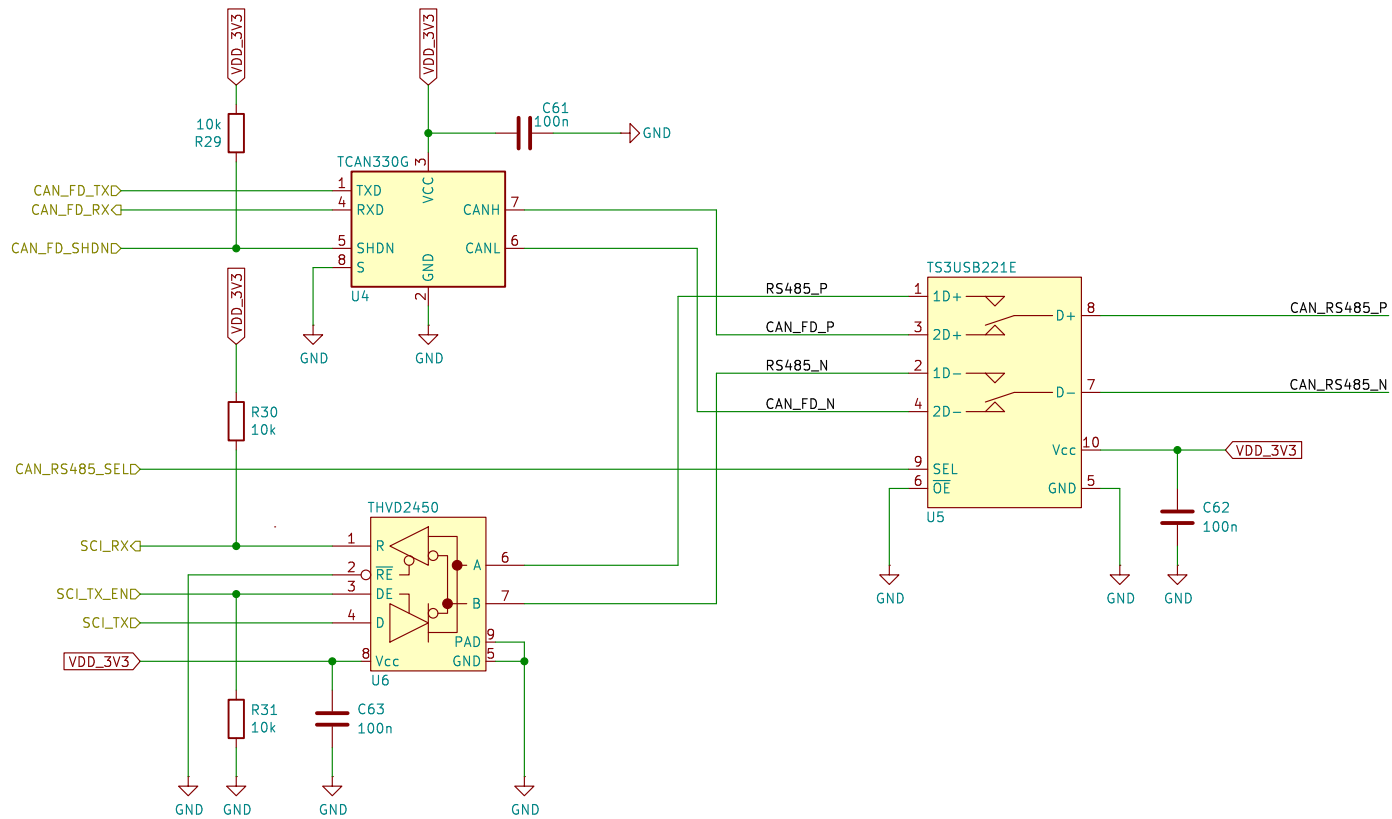
Title: Open MOr Motor Driver Initiative – Single Axis (OMODRI_SA)

Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 9/25



LAAS/CNRS

Sheet: /OMODRI_SA_CAN_RS485/
File: OMODRI_CAN_RS485.kicad_sch

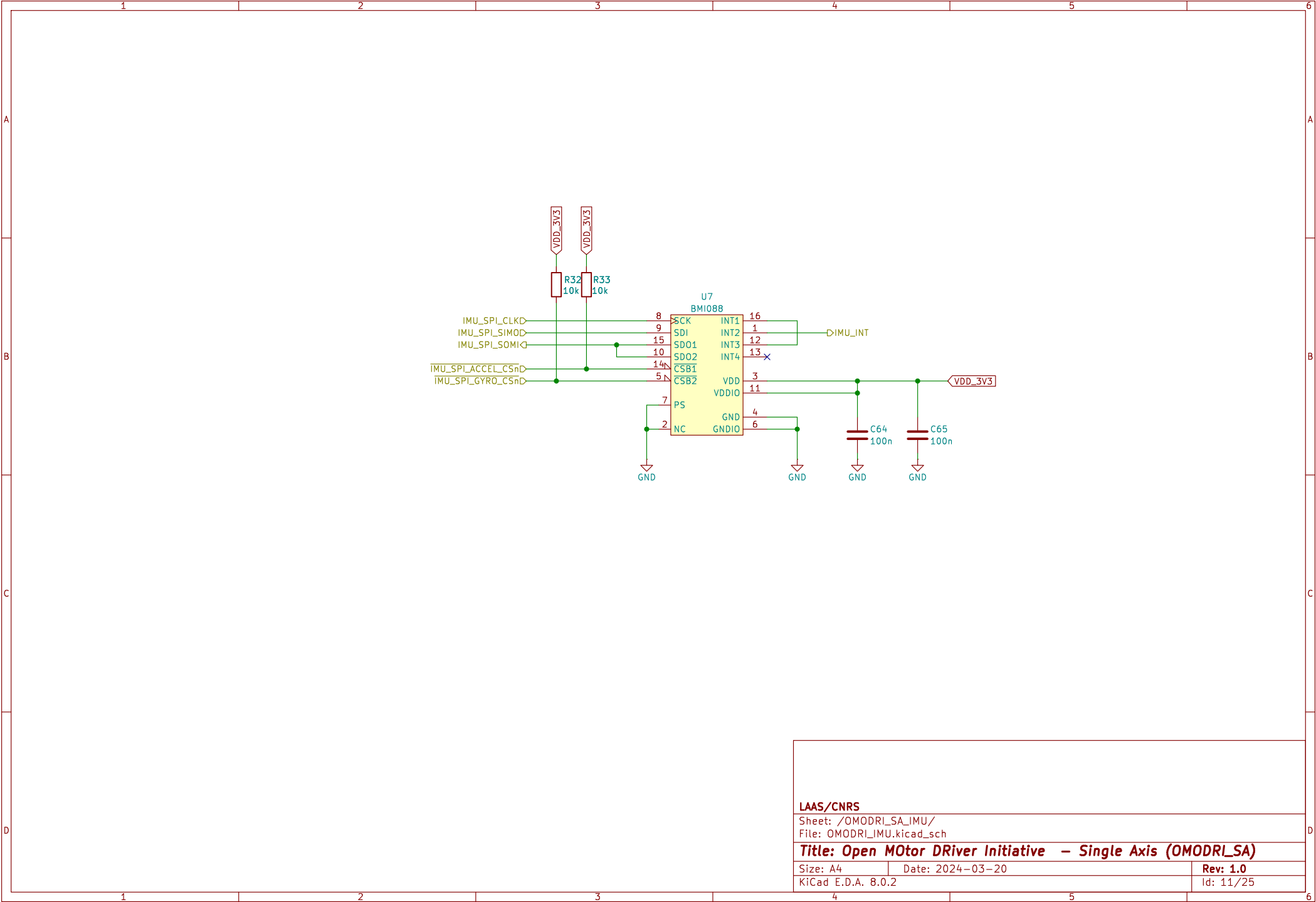
Title: Open M^otor DRiver Initiative – Single Axis (OMODRI_SA)

Size: A4
KiCad E.D.A. 8.0.2

Date: 2024-03-20

Rev: 1.0

Id: 10/25



LAAS/CNRS

Sheet: /OMODRI_SA_IMU/
File: OMODRI_IMU.kicad_sch

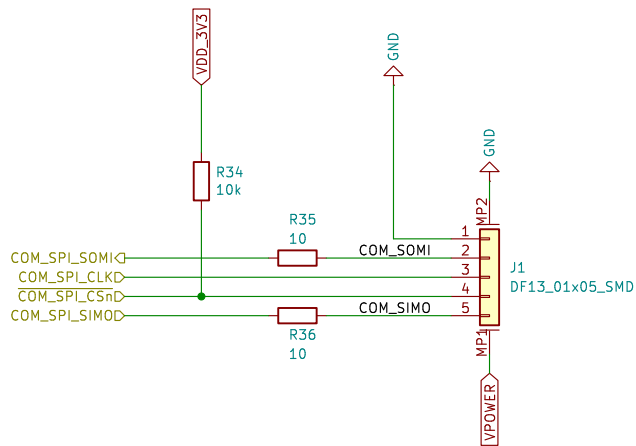
Title: Open M^otor D^river Initiative – Single Axis (OMODRI_SA)

Size: A4 Date: 2024-03-20

KiCad E.D.A. 8.0.2

Rev: 1.0

Id: 11/25



LAAS/CNRS

Sheet: /OMODRI_SA_COM_SPI/
File: OMODRI_COM_SPI.kicad_sch

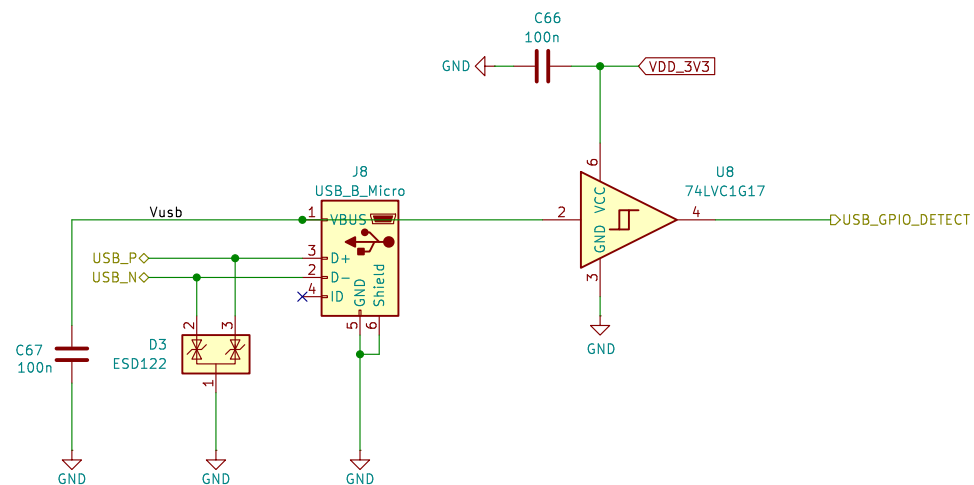
Title: Open M_Otor D_River Initiative – Single Axis (OMODRI_SA)

Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 12/25



LAAS/CNRS

Sheet: /OMODRI_SA_USB/
File: OMODRI_USB.kicad_sch

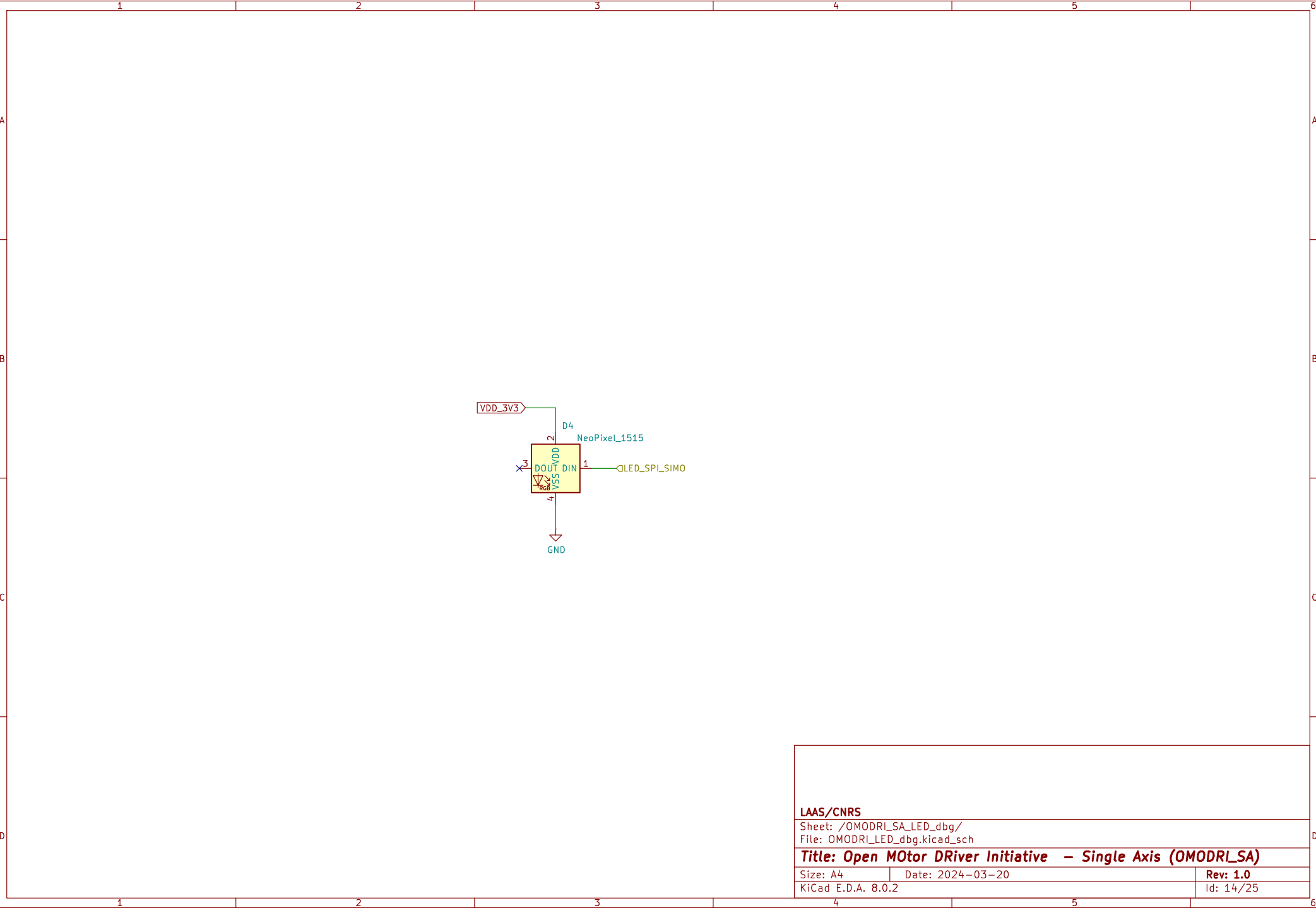
Title: Open MOror DRiver Initiative – Single Axis (OMODRI_SA)

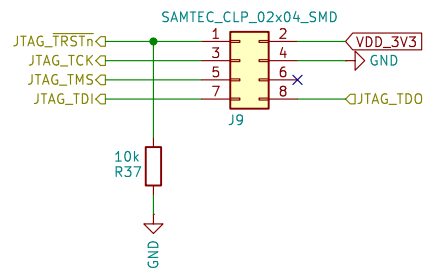
Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 13/25





LAAS/CNRS

Sheet: /OMODRI_SA_JTAG/
File: OMODRI_JTAG.kicad_sch

Title: Open M^Otor D^River Initiative – Single Axis (OMODRI_SA)

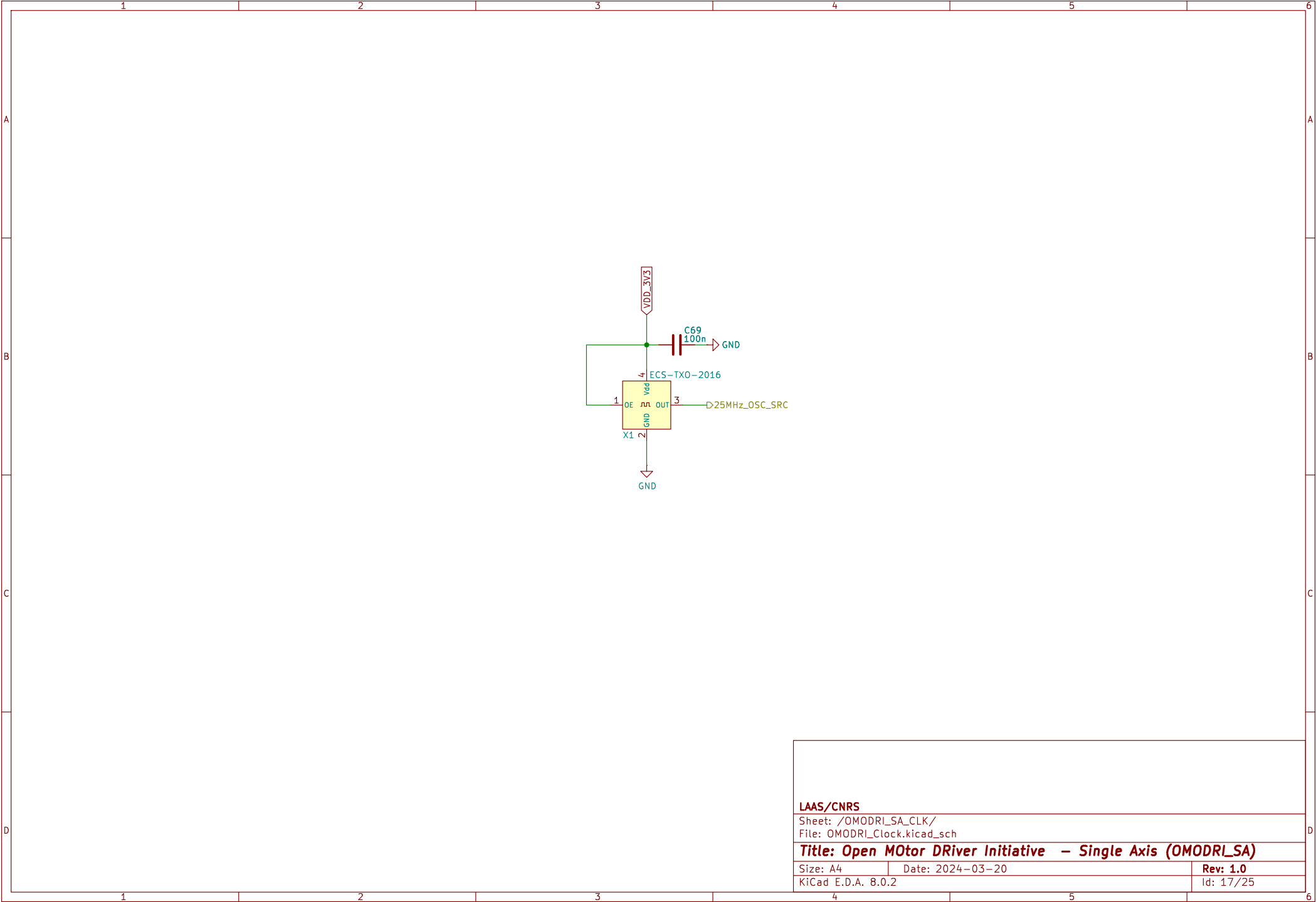
Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 15/25

Id: 16/25



LAAS/CNRS

Sheet: /OMODRI_SA_CLK/
File: OMODRI_Clock.kicad_sch

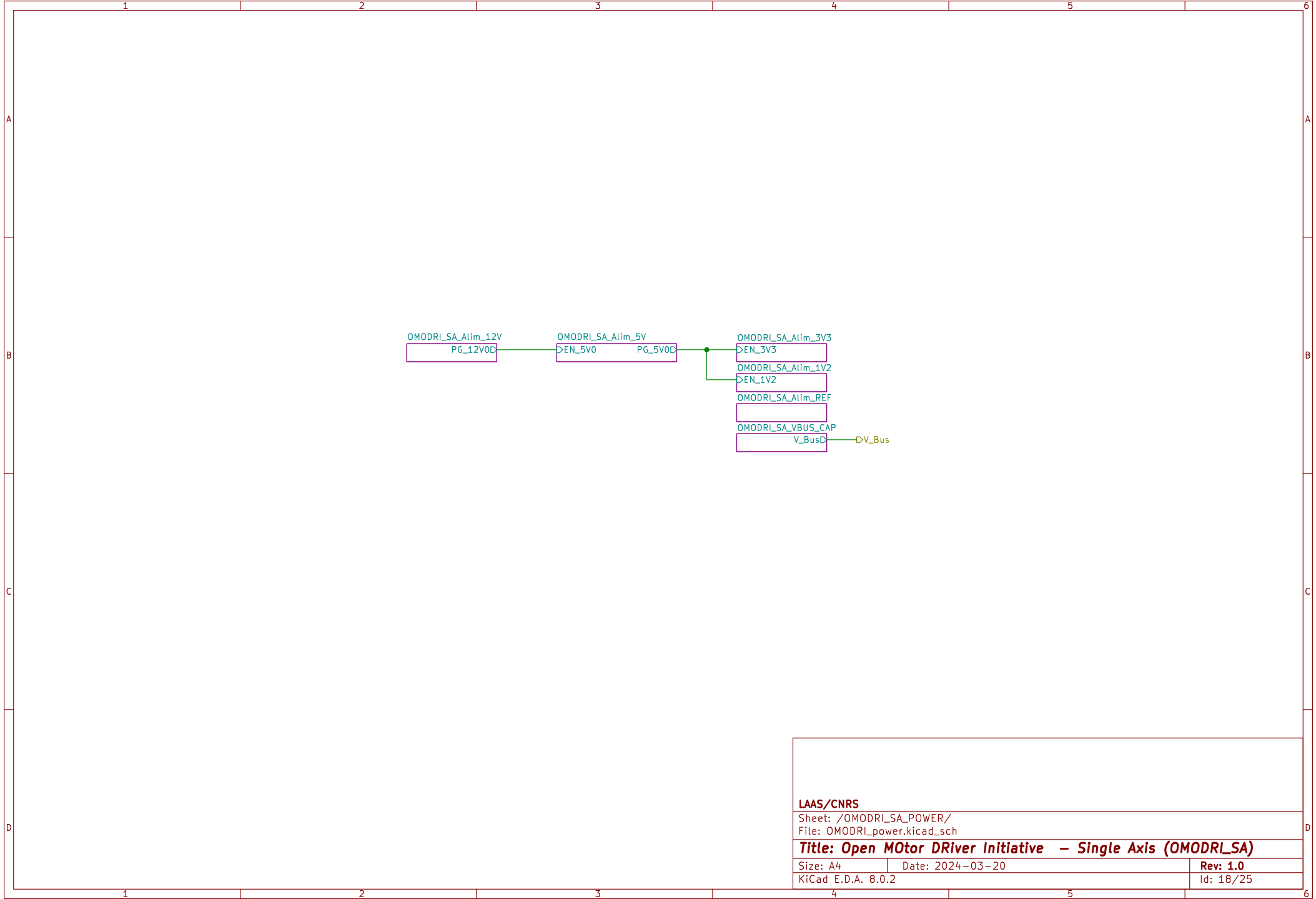
Title: Open MOror DRiver Initiative – Single Axis (OMODRI_SA)

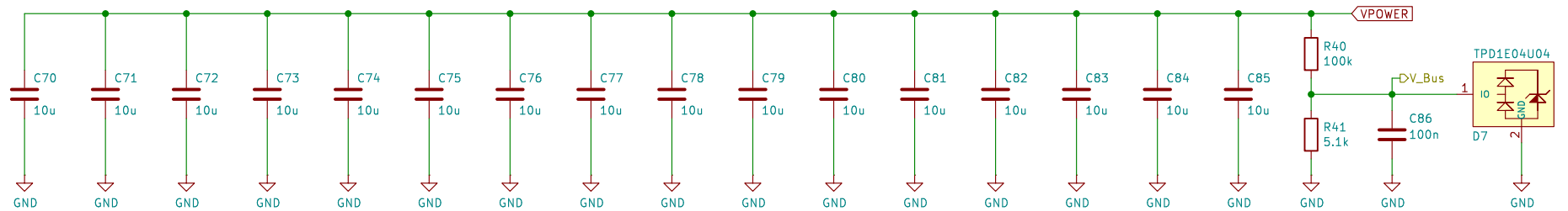
Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 17/25





LAAS/CNRS

Sheet: /OMODRI_SA_POWER/OMODRI_SA_VBUS_CAP/
File: OMODRI_POWER_CAP.kicad_sch

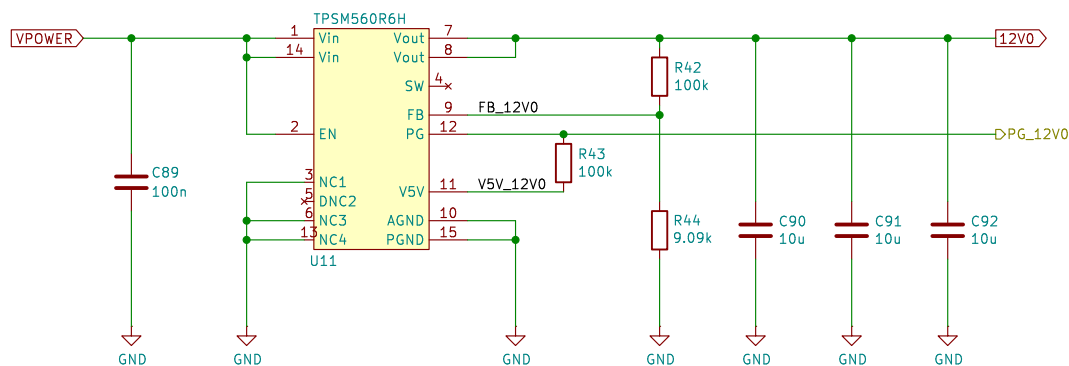
Title: Open M₀tor Driver Initiative – Single Axis (OMODRI_SA)

Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 19/25



LAAS/CNRS

Sheet: /OMODRI_SA_POWER/OMODRI_SA_Alim_12V/

File: OMODRI_Alim_12V.kicad_sch

Title: Open M^otor D^river Initiative – Single Axis (OMODRI_SA)

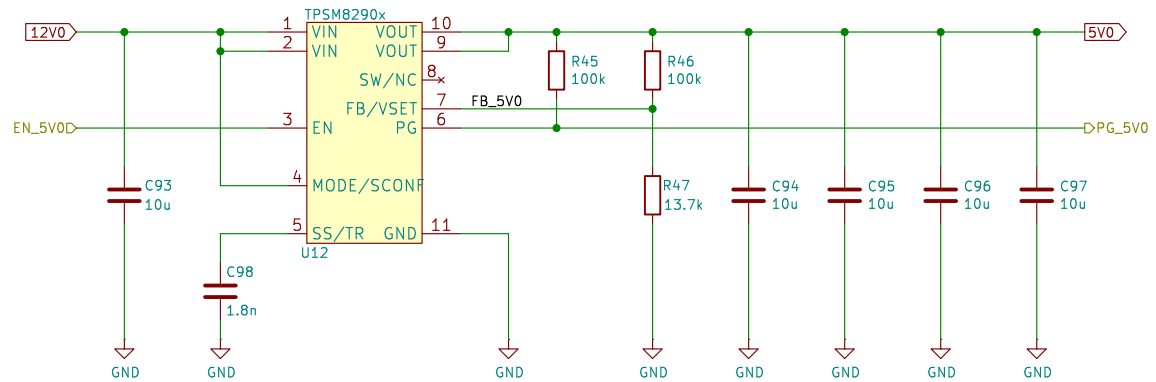
Size: A4

Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 20/25



LAAS/CNRS

Sheet: /OMODRI_SA_POWER/OMODRI_SA_Alim_5V/
File: OMODRI_Alim_5V.kicad_sch

Title: Open M_otor D_river Initiative – Single Axis (OMODRI_SA)

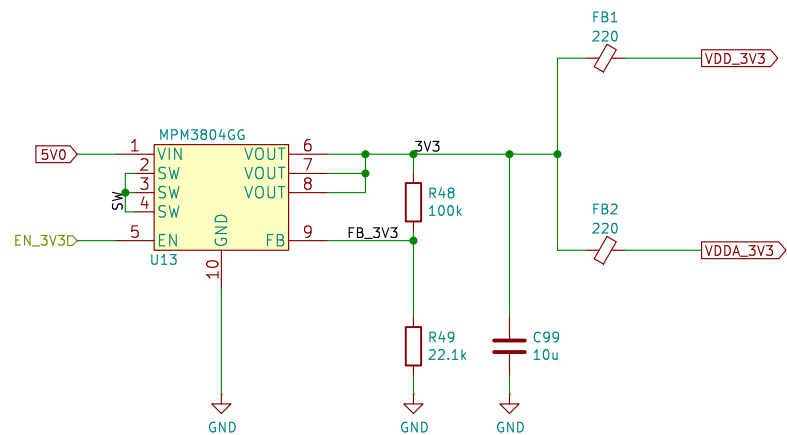
Size: A4

Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 21/25



LAAS/CNRS

Sheet: /OMODRI_SA_POWER/OMODRI_SA_Alim_3V3/
File: OMODRI_Alim_3V3.kicad_sch

Title: Open M^Otor D^River Initiative – Single Axis (OMODRI_SA)

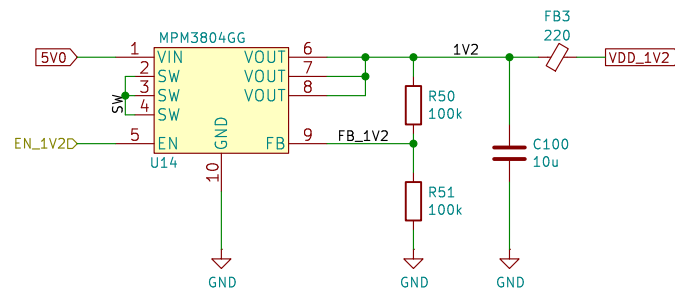
Size: A4

Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 22/25



LAAS/CNRS

Sheet: /OMODRI_SA_POWER/OMODRI_SA_Alim_1V2/

File: OMODRI_Alim_1V2.kicad_sch

Title: Open M_Otor Driver Initiative – Single Axis (OMODRI_SA)

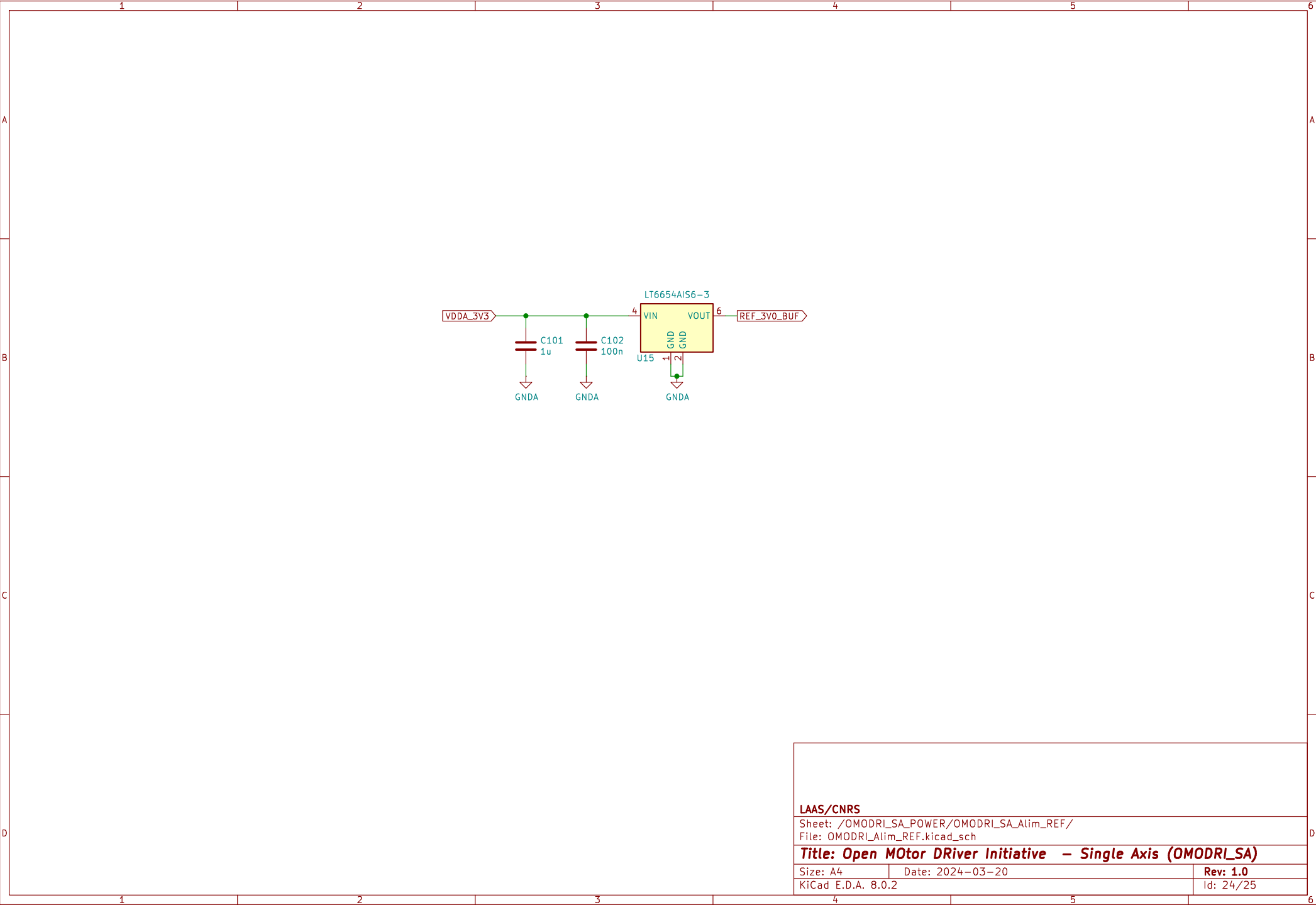
Size: A4

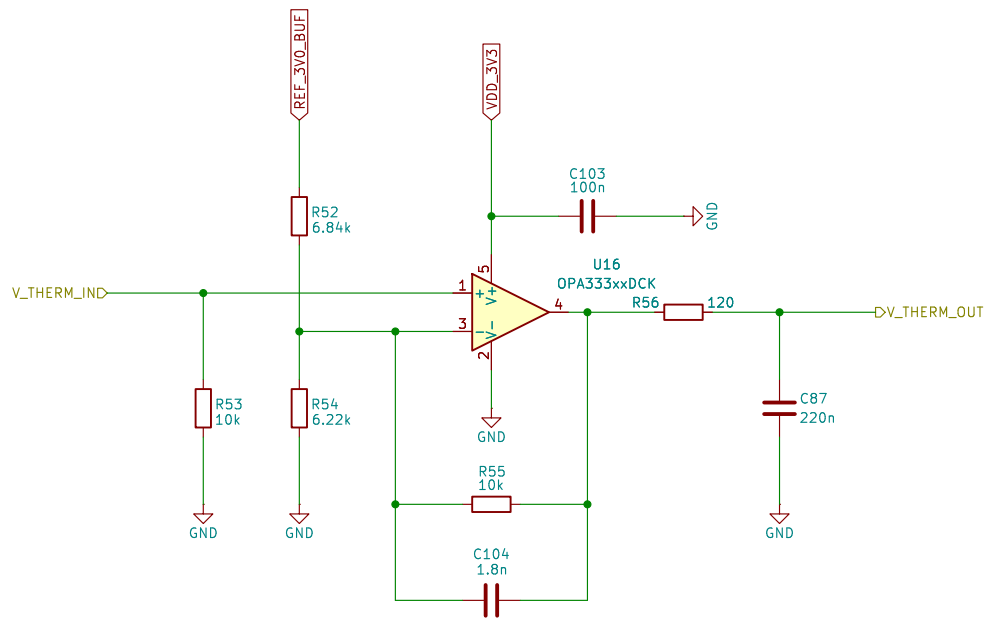
Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 23/25





LAAS/CNRS

Sheet: /OMODRI_SA_THERMISTOR/
File: OMODRI_thermistor.kicad_sch

Title: Open M₀tor Driver Initiative – Single Axis (OMODRI_SA)

Size: A4 Date: 2024-03-20

Rev: 1.0

KiCad E.D.A. 8.0.2

Id: 25/25