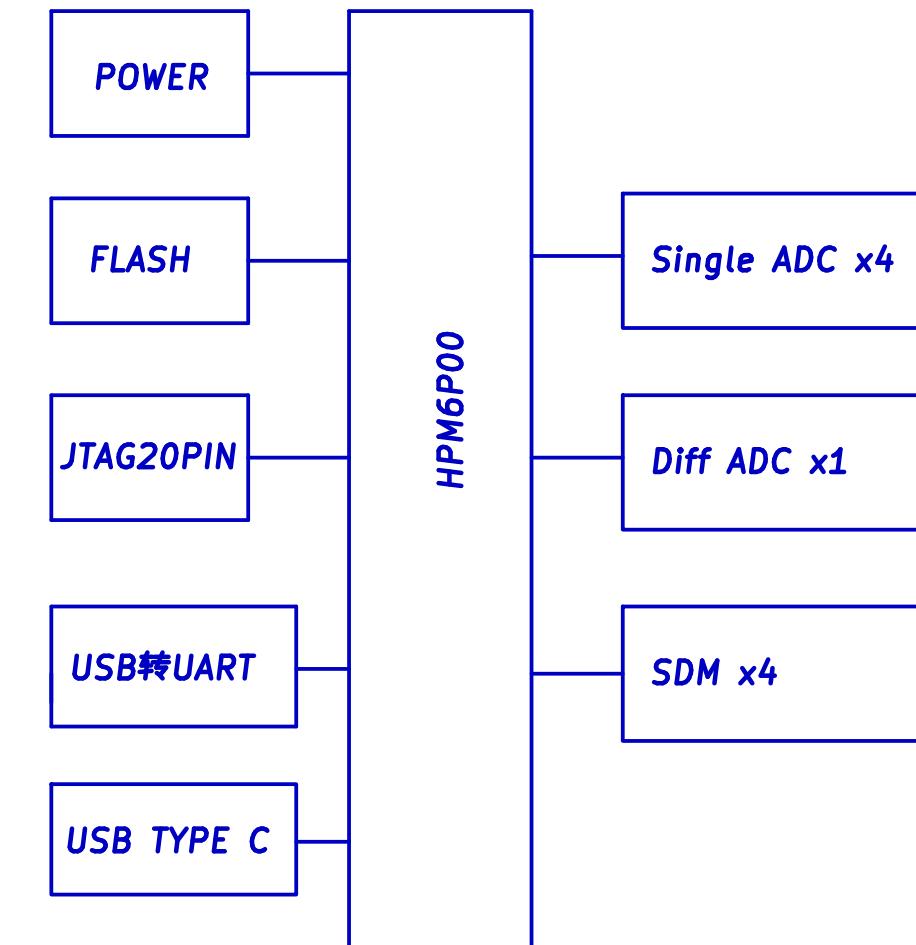


HPM600ADCEVK_MAINENTRY

System Block Diagram



File: HPM600ADCEVK_MAINENTRY.kicad_sch

修订历史

内容

时间

HPM600_ADC_EVK_RevB

20241013

Sheet File:

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 1/15

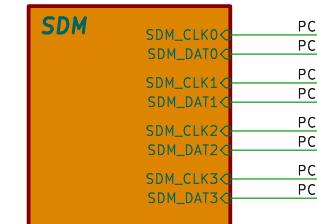
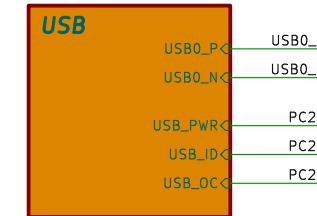
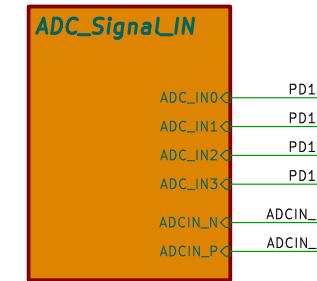
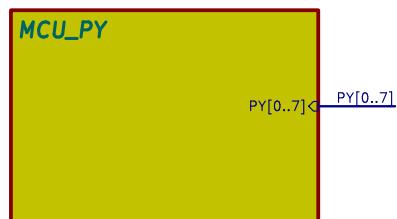
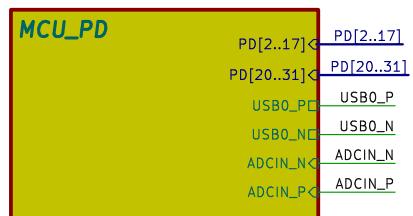
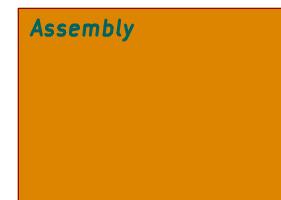
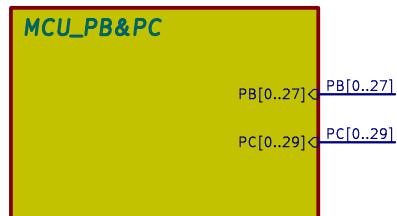
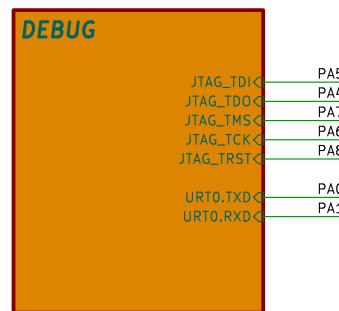
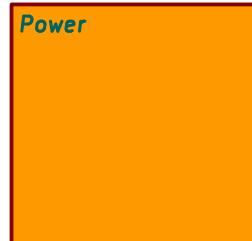
System Block Diagram 
先楫半导体

A

B

C

D



MAINENTRY



Sheet File: HPM600ADCEVK MAINENTRY

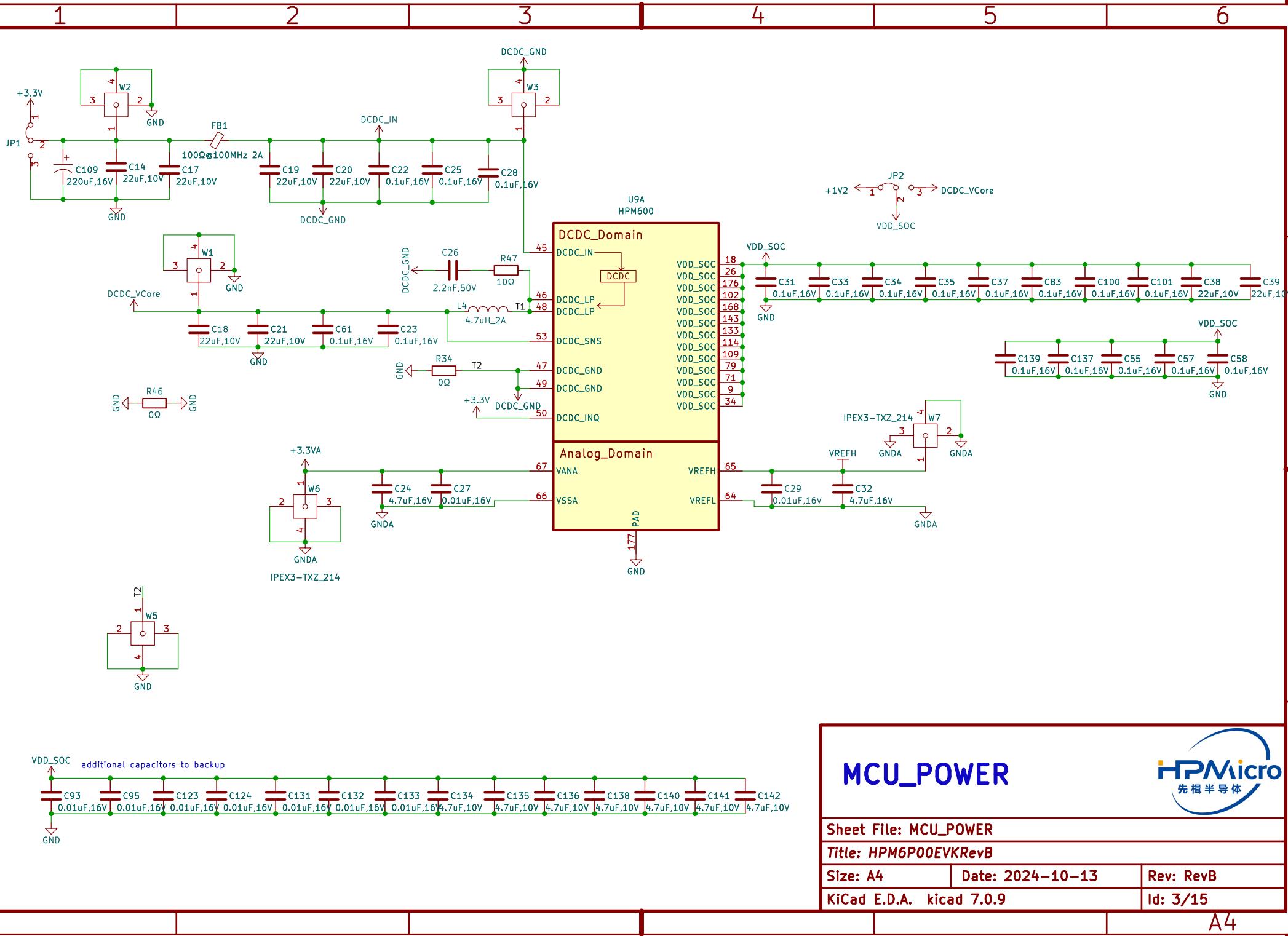
Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13

Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 2/15



1

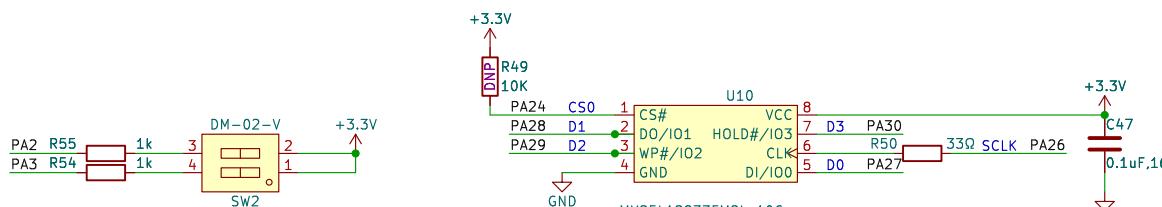
2

3

4

5

6



MCU_PA&JTAG



Sheet File: MCU_PA&JTAG&FLASH

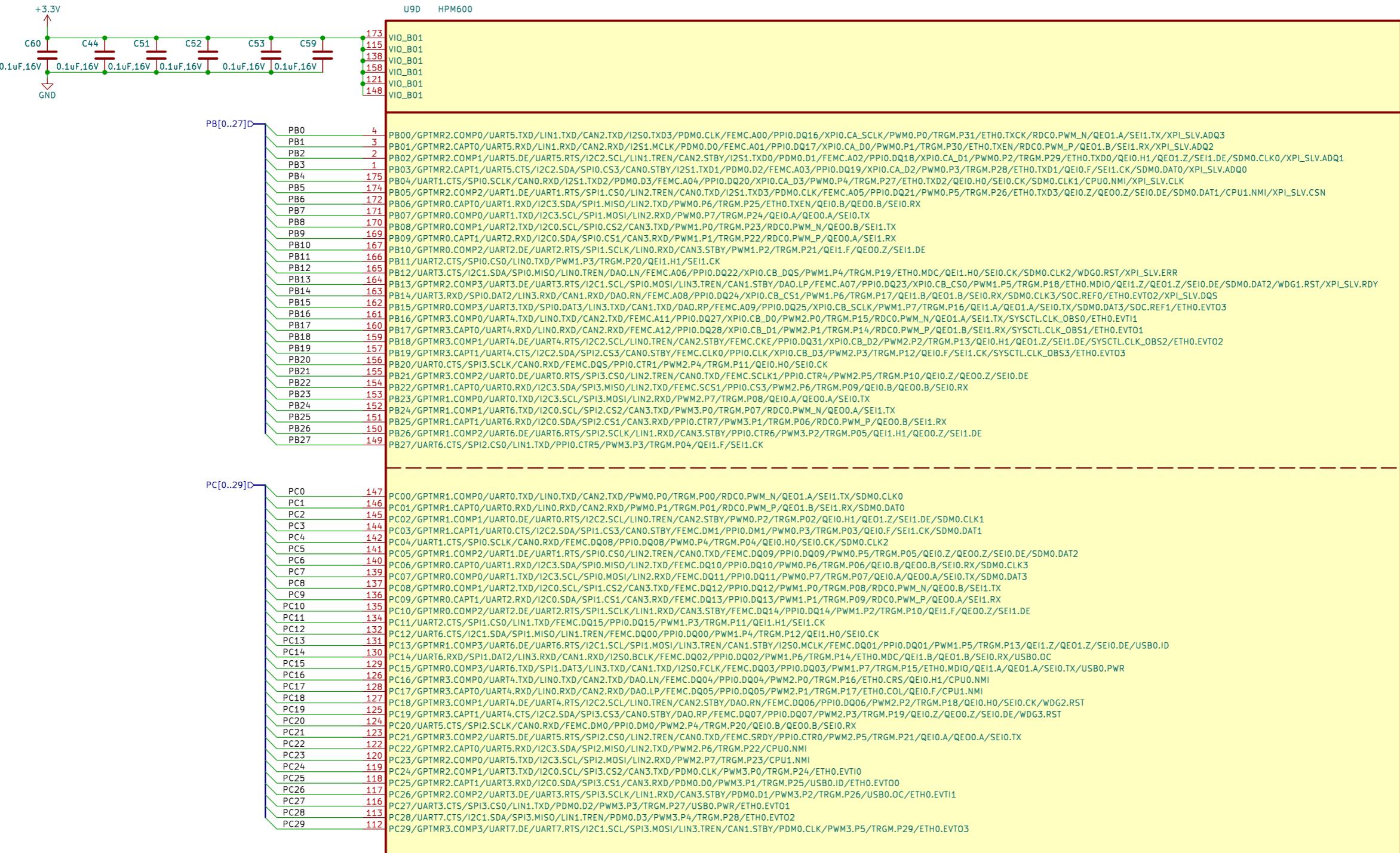
Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 4/15

A4



MCU_PB&PC



Sheet File: MCU_PB&PC

Title: HPM6P00EVKRevB

Size: A3 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 5/15



MCU_PD



Sheet File: MCU_PD

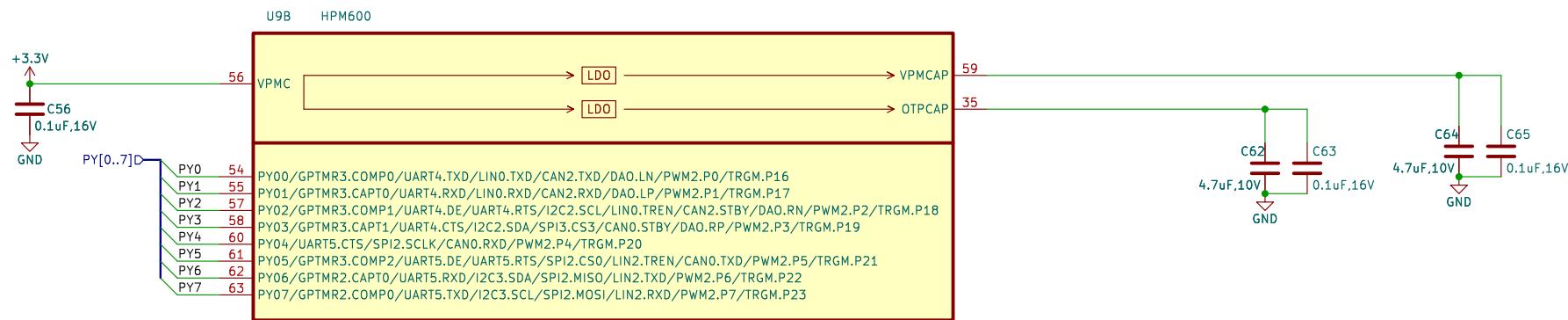
Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13

Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 6/15



MCU_PY



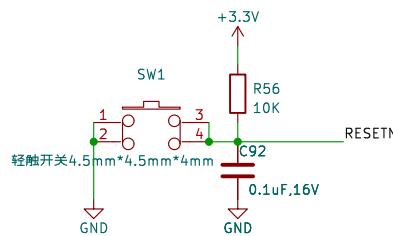
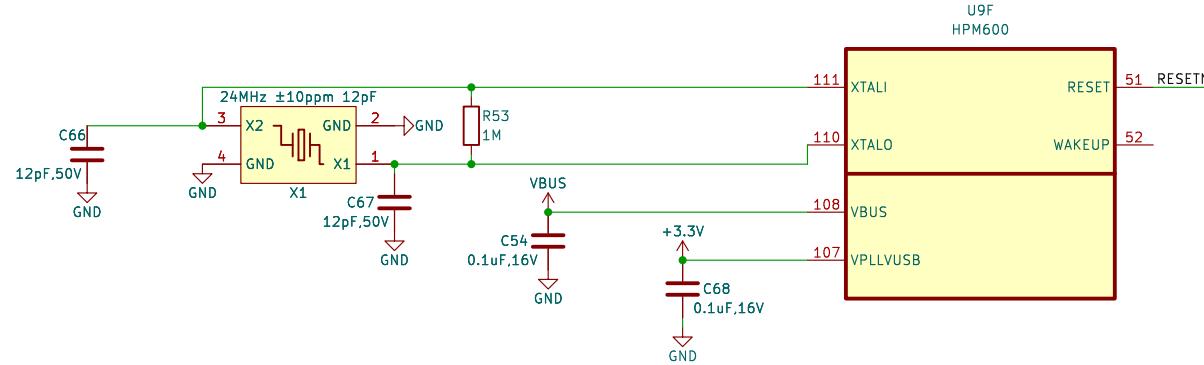
Sheet File: MCU_PY

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 9/15



MCU_USB&OSC



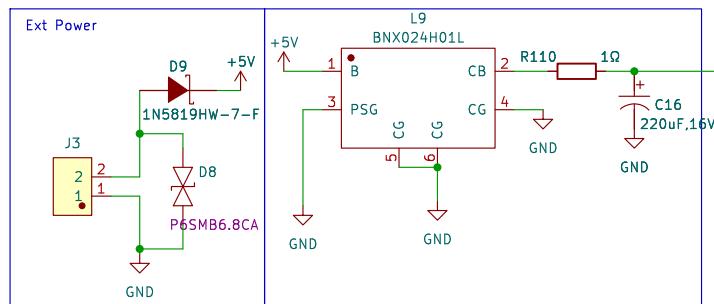
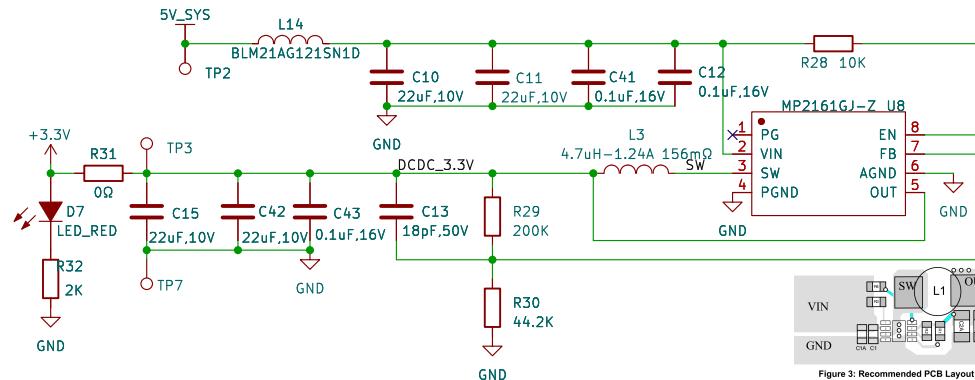
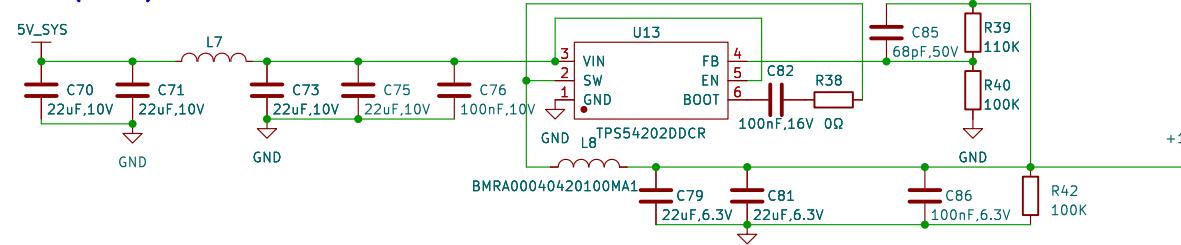
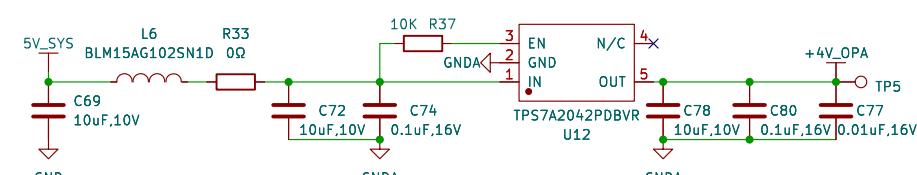
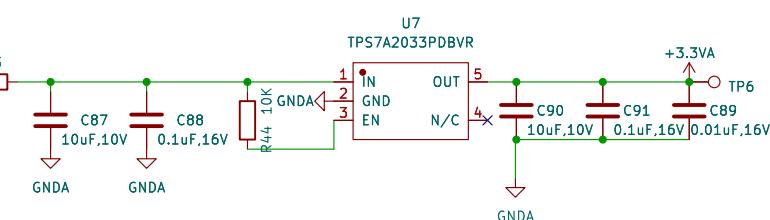
Sheet File: MCU_USB&OSC

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 10/15

INPUT Filter**DCDC 5V-3.3V****DCDC 5V-1.2V(VCore)****OPA VDD****LDO 5V-3.3V(ADC)****Power**

Sheet File: Power

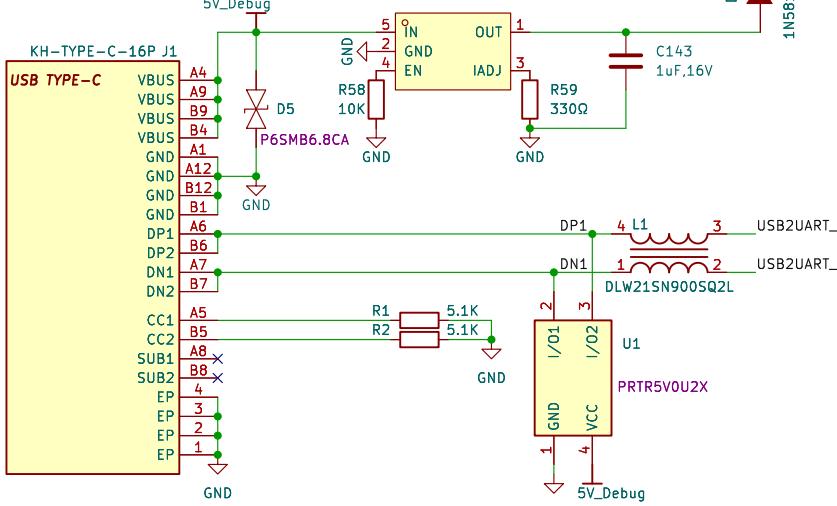
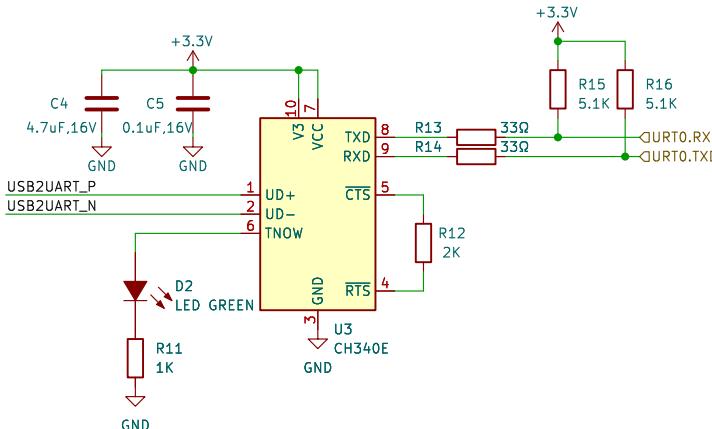
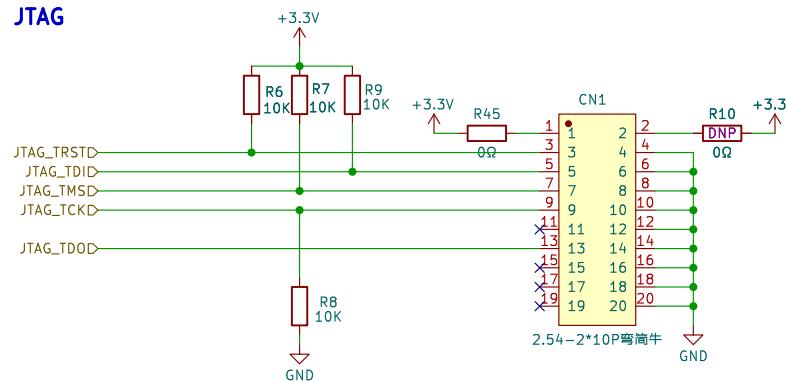
Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13

Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 11/15

USB2UART Type-C**USB2UART****JTAG****Debug**

Sheet File: DEBUG

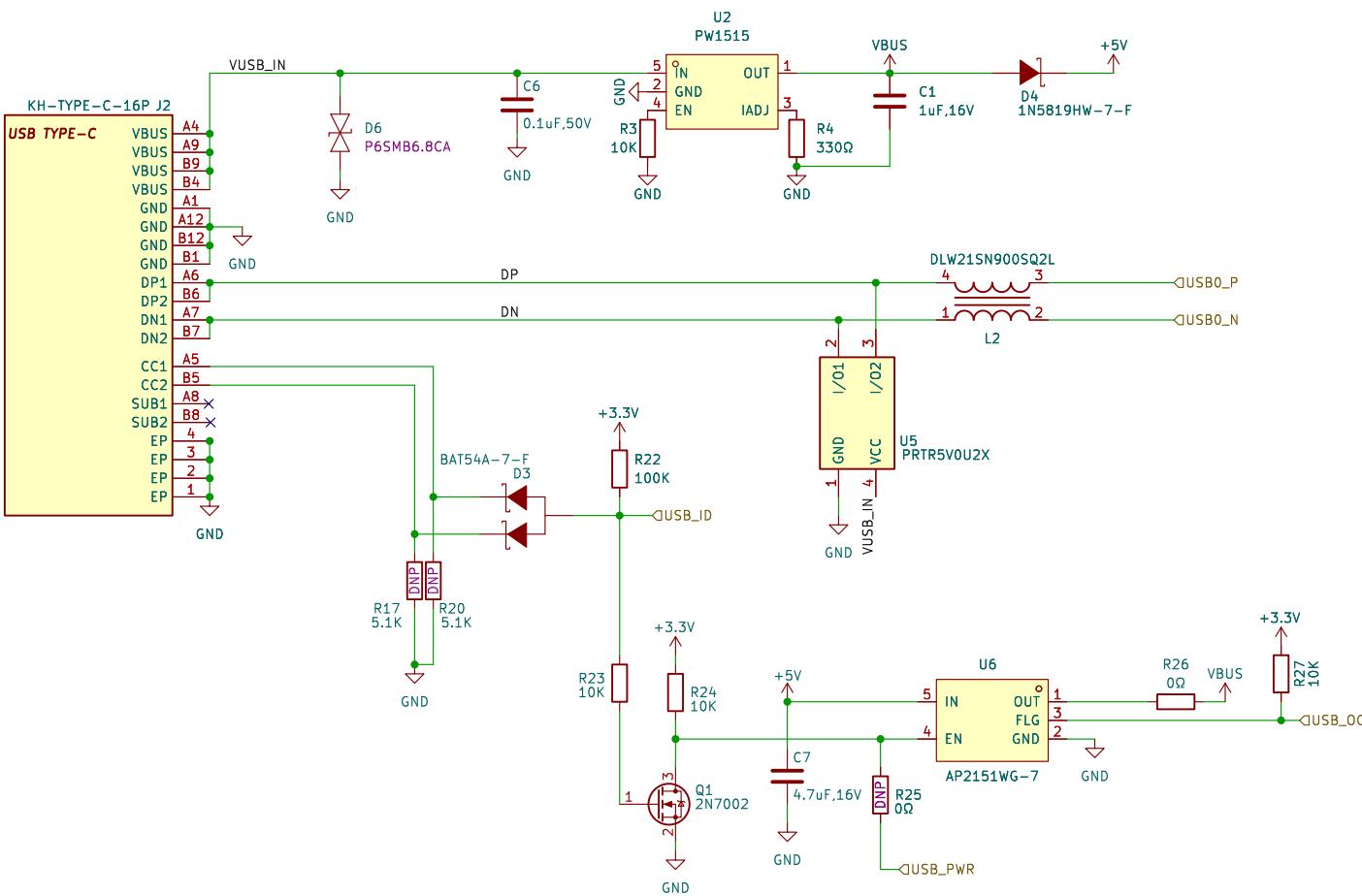
Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13

Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 12/15



USB



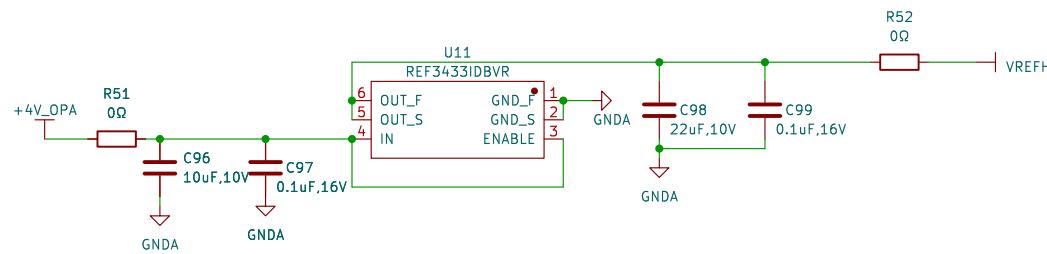
Sheet File: USB

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 13/15



VREF



Sheet File: VREF

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

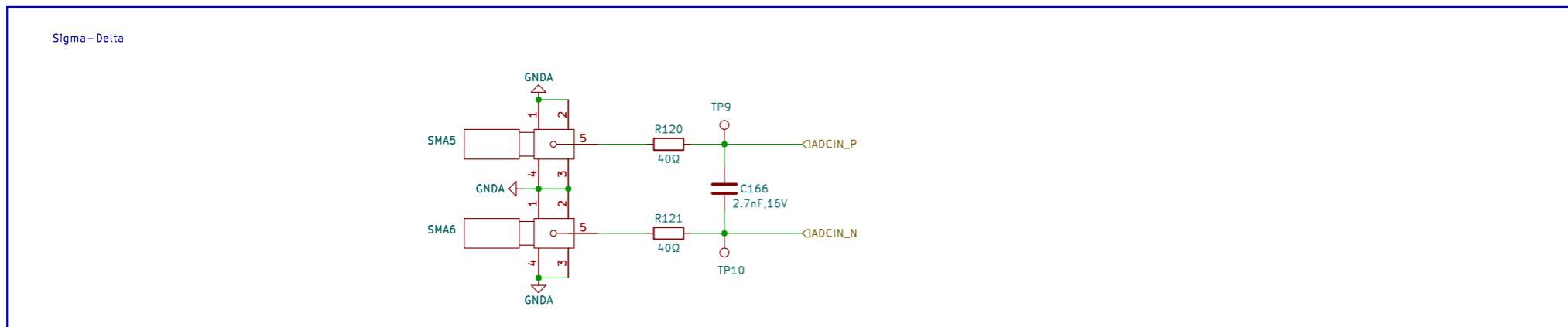
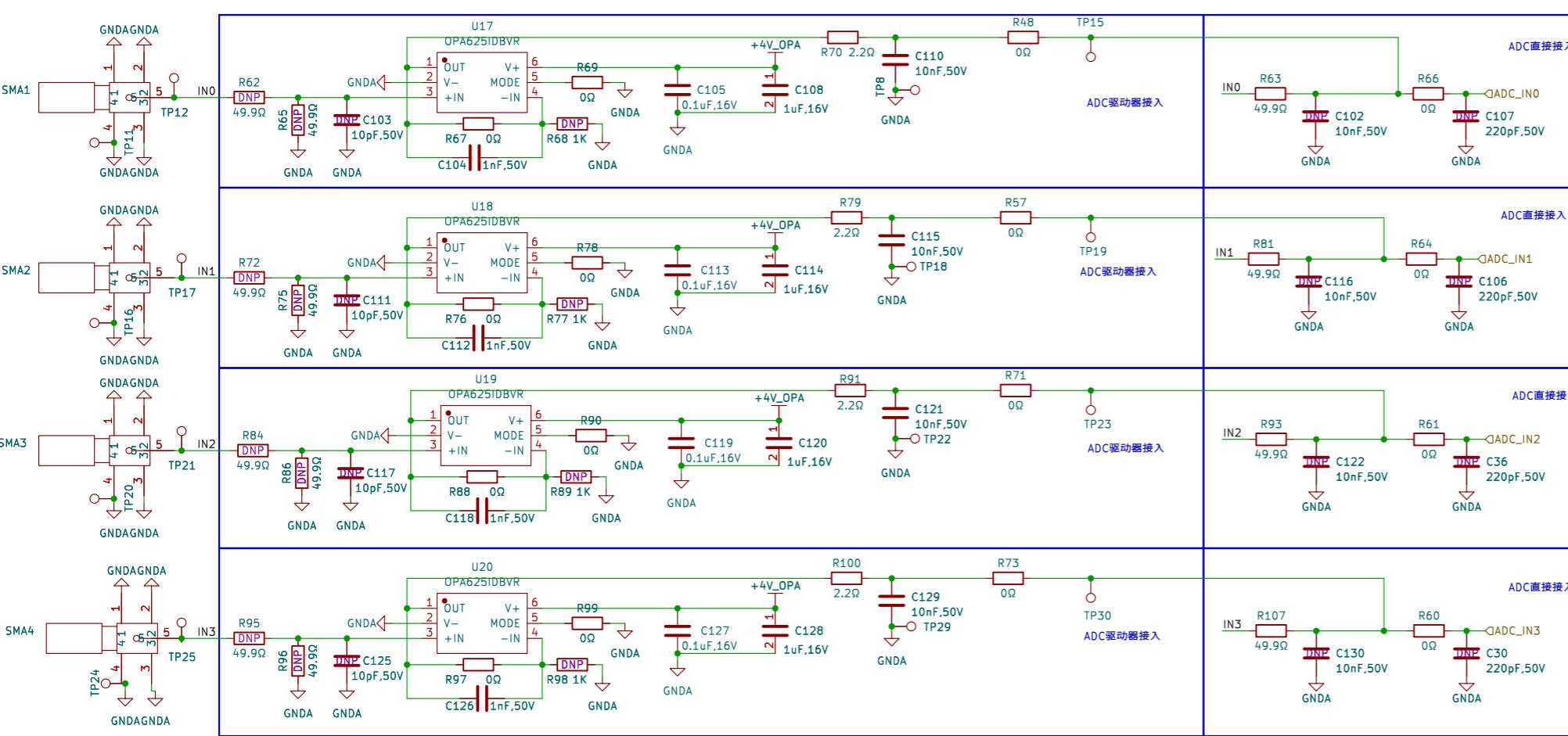
Id: 14/15

A

B

C

D



ADC

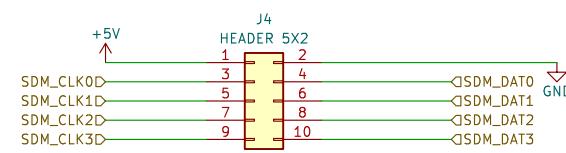


Sheet File: ADC_Signal_IN

Title: HPM6P00EVKRevB

Size: A3 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9 Id: 15/15



SDM



Sheet File: SDM

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9

Id: 16/15



Assembly



Sheet File: Assembly

Title: HPM6P00EVKRevB

Size: A4 Date: 2024-10-13 Rev: RevB

KiCad E.D.A. kicad 7.0.9 Id: 17/15