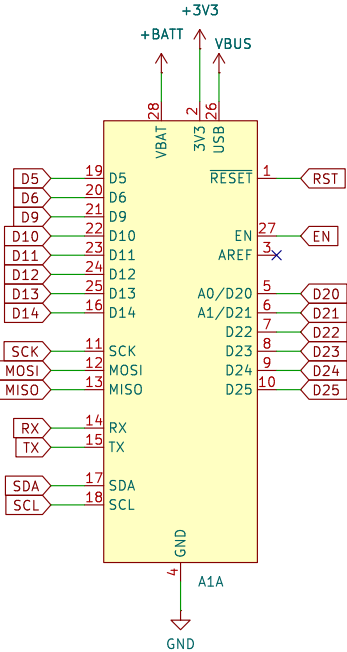
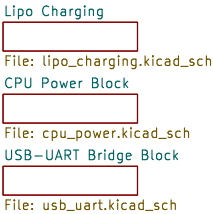
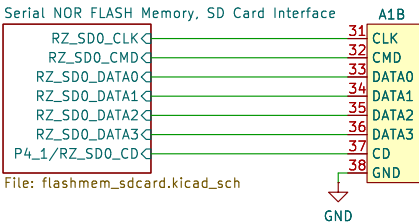
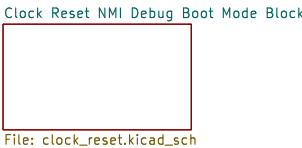
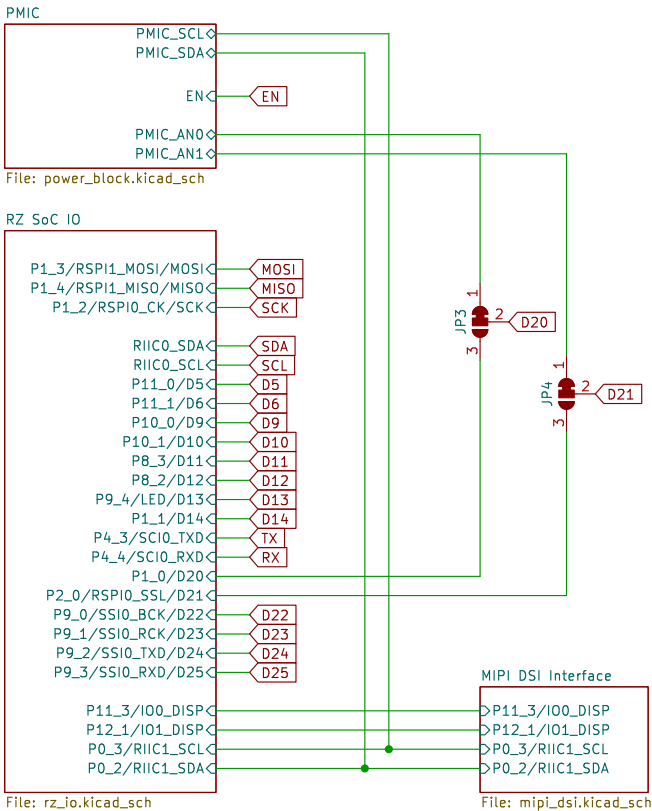
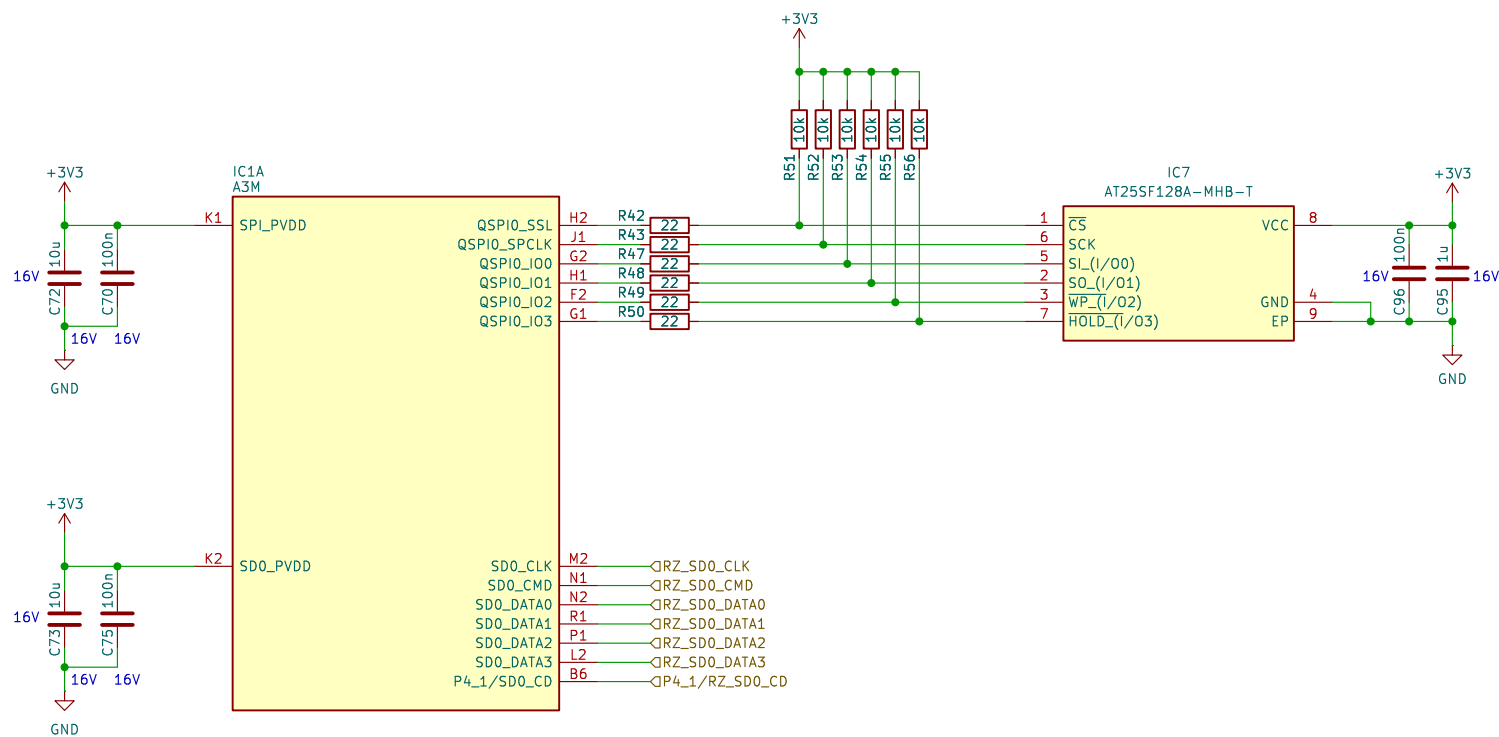


Zalmotek RZ/A3M Feather SoM



Zalmotek		
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Title: RZ/A3M Feather SoM		
Size: A4	Date: 2025-02-27	Rev: 1.0
KiCad E.D.A. 9.0.4		Id: 1/9

Serial NOR FLASH Memory, SD Card Interface



Zalмотek

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Title: RZ/A3M Feather SoM

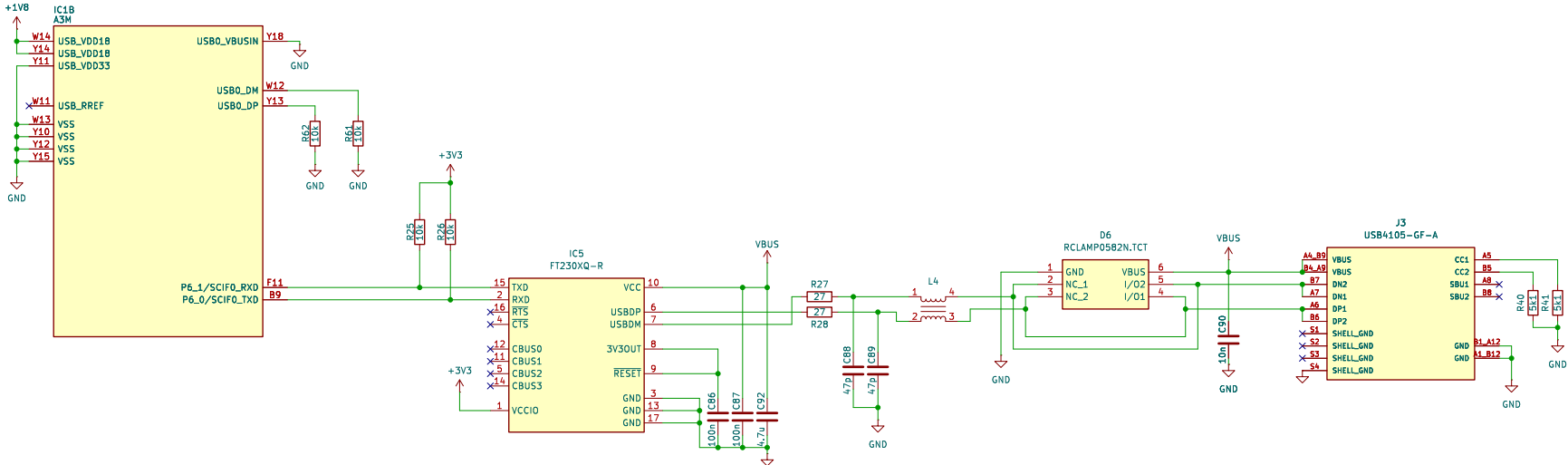
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Rev: 1.0

Id: 2/9

USB-UART Bridge Block



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Title: RZ/A3M Feather SoM

Size: A3	Date: 2025-02-27
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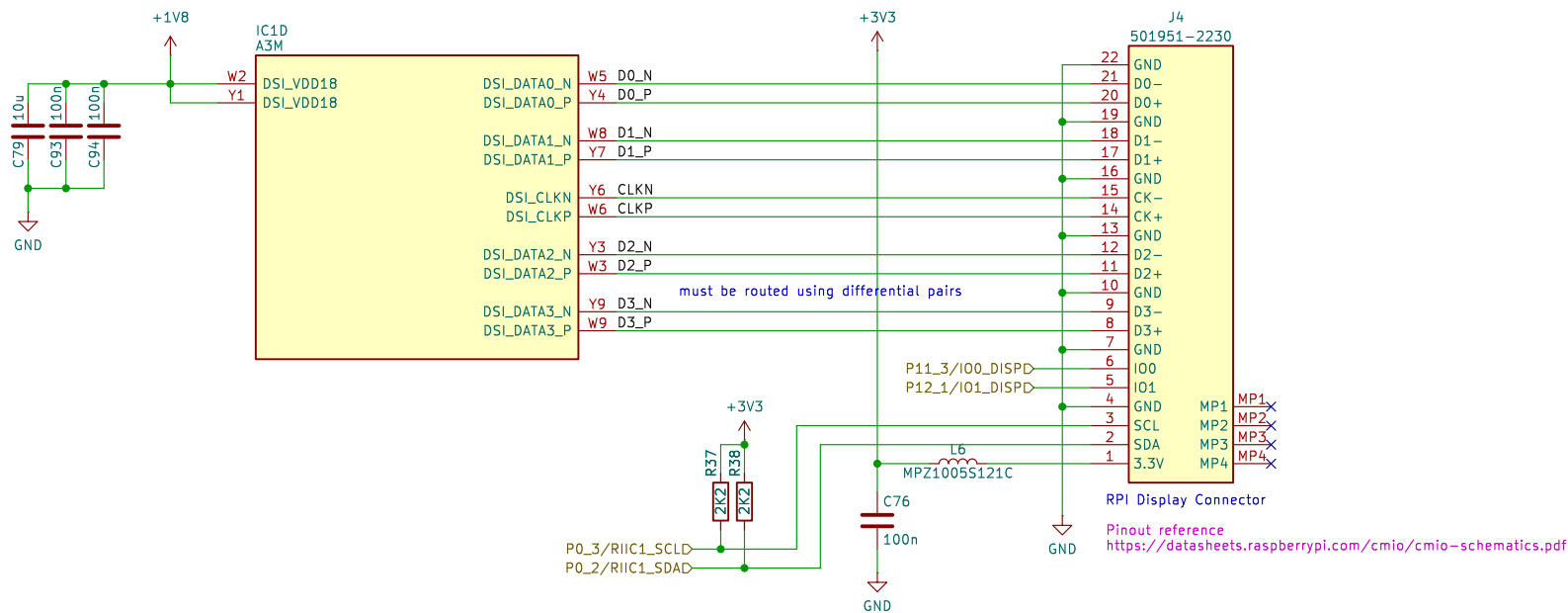
KiCad E.D.A. 9.0.4

Date: 2025-02-27

Rev: 1.0

Id: 3/9

MIPI DSI Interface



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Size: A4

Date: 2025-02-27

Rev: 1.0

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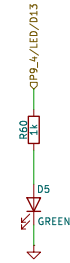
Id: 4/9

RZ SoC IO

IC1E
A3M

P12_1/RSPI0_SSL	N19 ⌵P12_1/I01_DISP
P11_3/RSPI0_MOSI	P19 ⌵P11_3/I00_DISP
P12_0/RSPI0_MISO	P20 ×
P11_2/RSPI0_CK	R19 ×
P9_0/SSIO_BCK	A13 ⌵P9_0/SSIO_BCK/D22
P9_1/SSIO_RCK	A14 ⌵P9_1/SSIO_RCK/D23
P9_2/SSIO_TXD	A15 ⌵P9_2/SSIO_TXD/D24
P9_3/SSIO_RXD	A16 ⌵P9_3/SSIO_RXD/D25
RIIC0_SCL	C19 ⌵RIIC0_SCL
RIIC0_SDA	C20 ⌵RIIC0_SDA
P7_0	A10 ×
P7_1	B13 ×
P4_4/SCI0_RXD	A6 ⌵P4_4/SCI0_RXD
P4_3/SCI0_TXD	B7 ⌵P4_3/SCI0_TXD
P0_0	E2 ×
P0_1	E1 ×
P0_2/RIIC1_SDA	D2 ⌵P0_2/RIIC1_SDA
P0_3/RIIC1_SCL	C2 ⌵P0_3/RIIC1_SCL
P1_0/SCIF1_TXD	D1 ⌵P1_0/D20
P1_1/SCIF1_RXD	B2 ⌵P1_1/D14
P1_2/RSPI0_CK	C1 ⌵P1_2/RSPI0_CK/SCK
P1_3/RSPI0_MOSI	B1 ⌵P1_3/RSPI1_MOSI/MOSI
P1_4/RSPI0_MISO	B3 ⌵P1_4/RSPI1_MISO/MISO
P2_0/RSPI0_SSL	A2 ⌵P2_0/RSPI0_SSL/D21
P2_1	B4 ×
P2_2	A3 ×
P2_3	B5 ×
P3_0	H6 ×
P3_1	G6 ×
P3_2	F9 ×
P3_3	F10 ×
P4_0	A4 ×
P4_2	A5 ×
P4_5	B8 ×
P5_0/IRQ6	A7 ×
P5_1	B10 ×
P5_2	A8 ×
P6_2	G11 ×
P6_3	F12 ×
P6_4	B12 ×
P8_0	A11 ×
P8_1	A12 ×
P9_4/IRQ7	B16 ⌵P9_4/LED/D13
P10_0/IRQ0/SCIF1_TXD	W19 ⌵P10_0/D9
P10_1/IRQ1/SCIF1_RXD	W20 ⌵P10_1/D10
P10_2	V19 ×
P10_3	U20 ×
P11_0/IRQ4/AUDIO_CLK1	T19 ⌵P11_0/D5
P11_1/IRQ5/AUDIO_CLK2	T20 ⌵P11_1/D6
P8_2/IRQ2/SCIF3_TXD/RIIC1_SDA	B14 ⌵P8_2/D12
P8_3/IRQ3/SCIF3_RXD/RIIC1_SCL	B15 ⌵P8_3/D11
P5_4	A9 ×
P5_3	B11 ×

do not change



Zaimotek

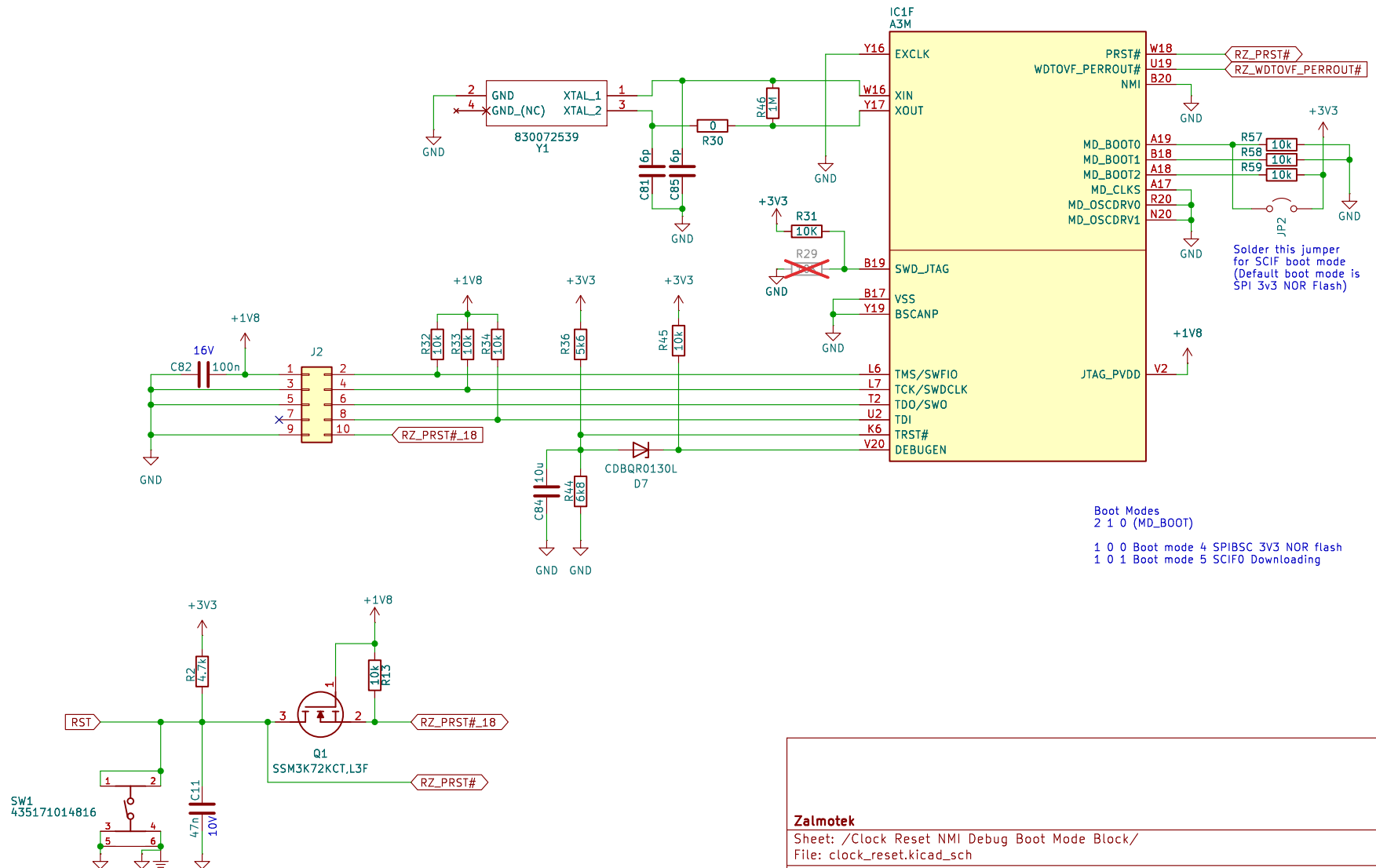
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Title: RZ/A3M Feather SoM

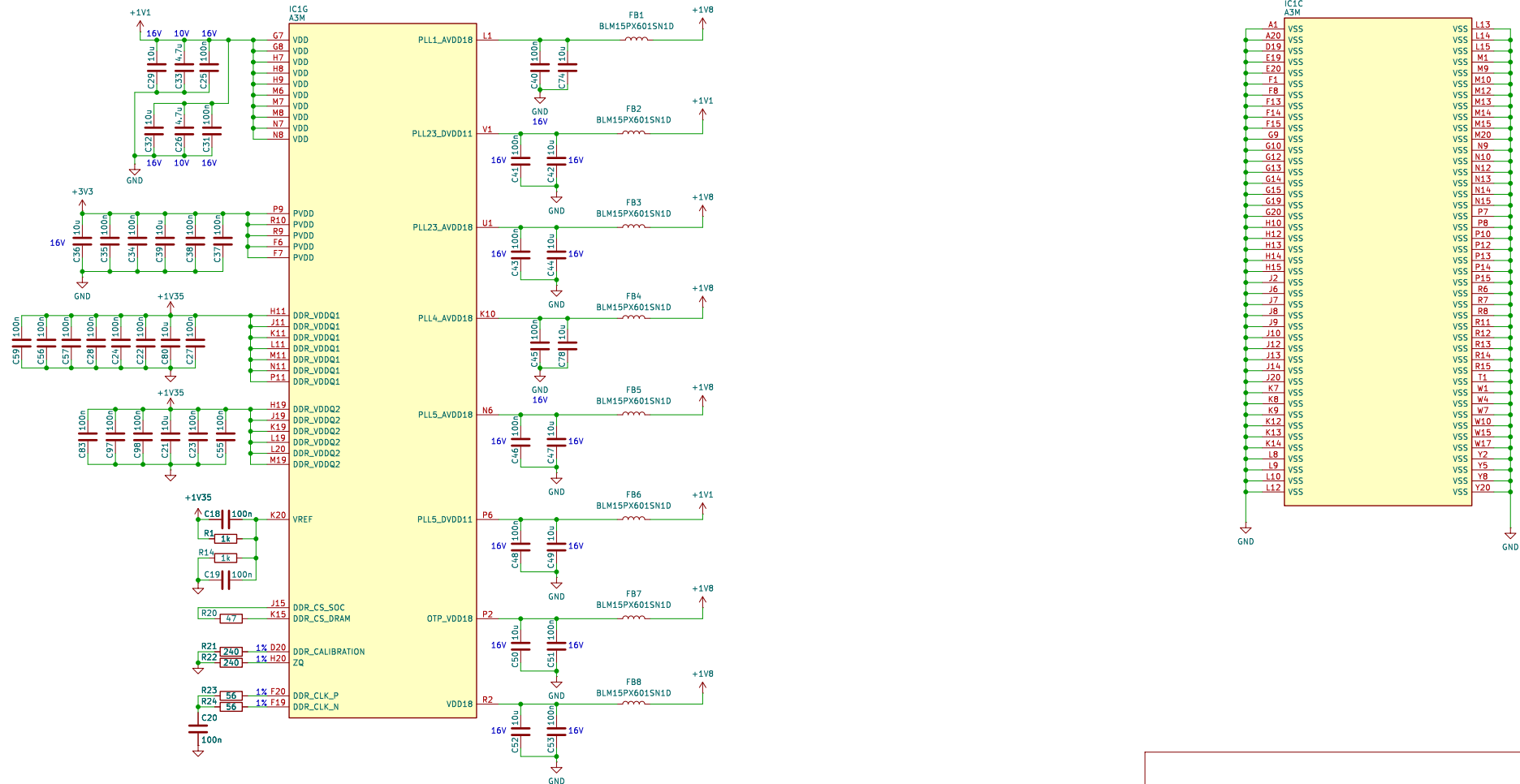
Size: A3 Date: 2025-02-27
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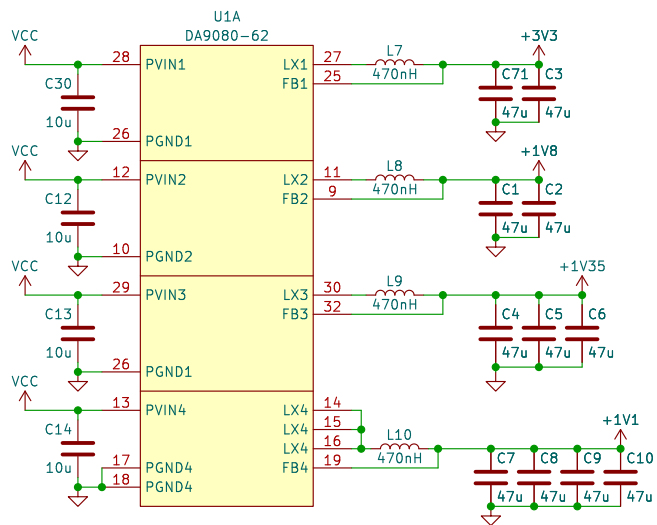
Clock Reset NMI Debug Boot Mode Block



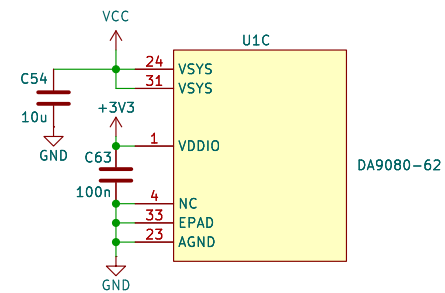
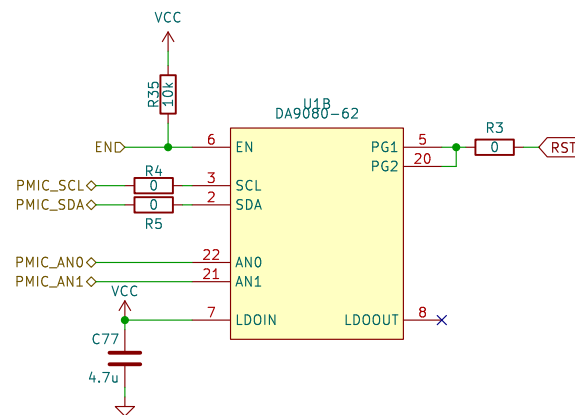
RZ SoC Power



PMIC Buck and LDO



PMIC Control and Reset



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Sheet: /PMIC/

File: power_block.kicad_sch

Title: RZ/A3M Feather SoM

Size: A4

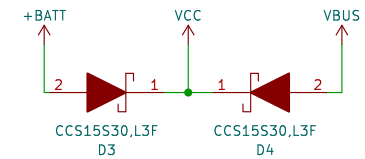
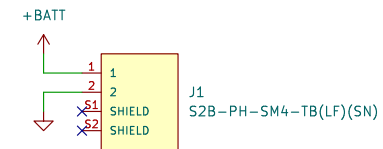
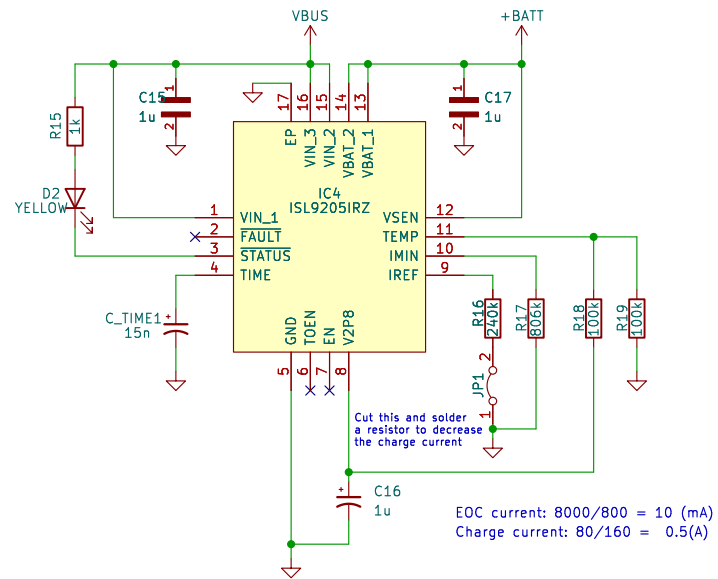
Date: 2025-02-27

Rev: 1.0

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LiPo Charging



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Sheet: /Lipo Charging/
 File: lipo_charging.kicad_sch

Title: RZ/A3M Feather SoM

Size: A4 Date: 2025-02-27

KiCad E.D.A. 9.0.4

Rev: 1.0

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