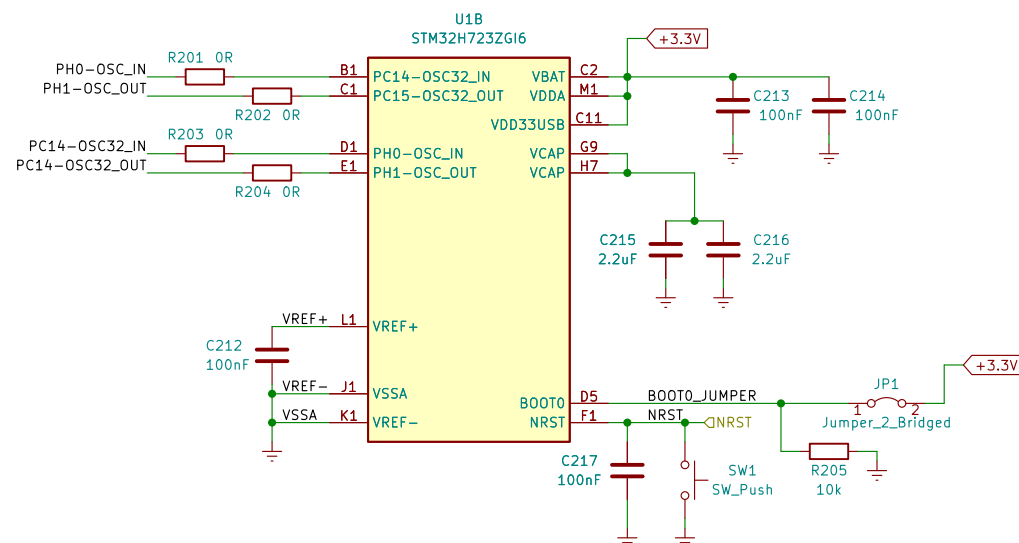
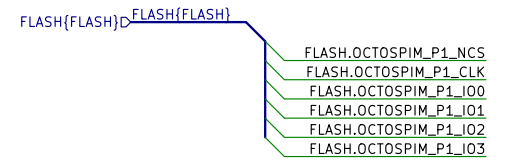
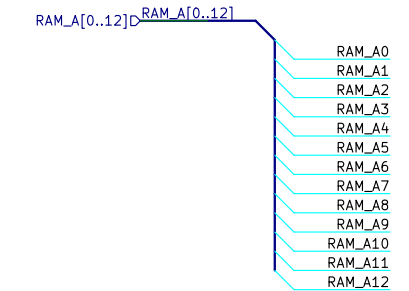
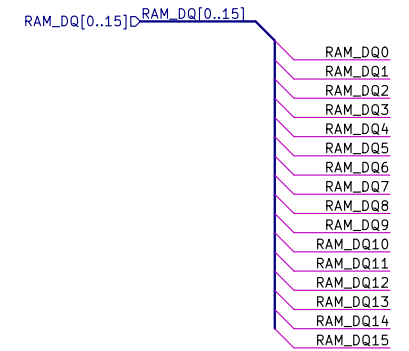
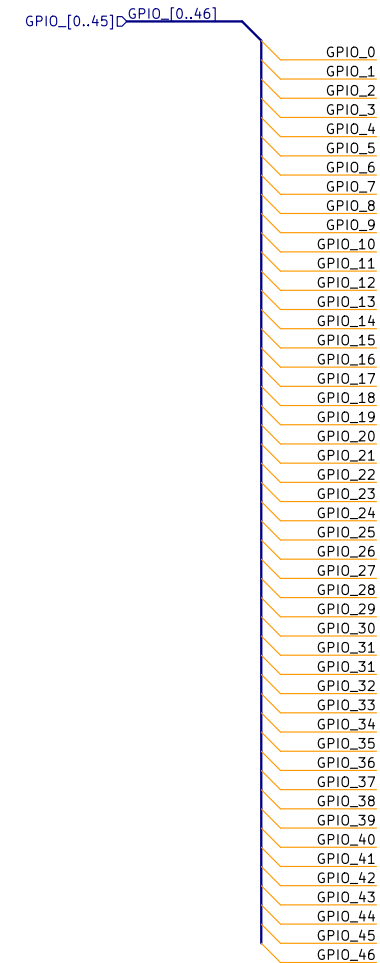
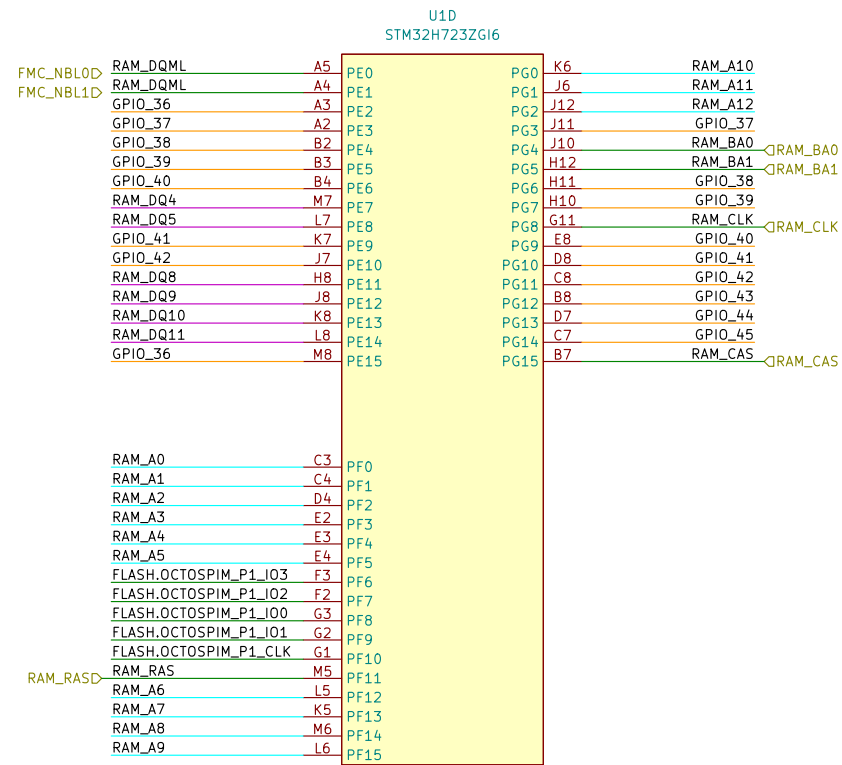
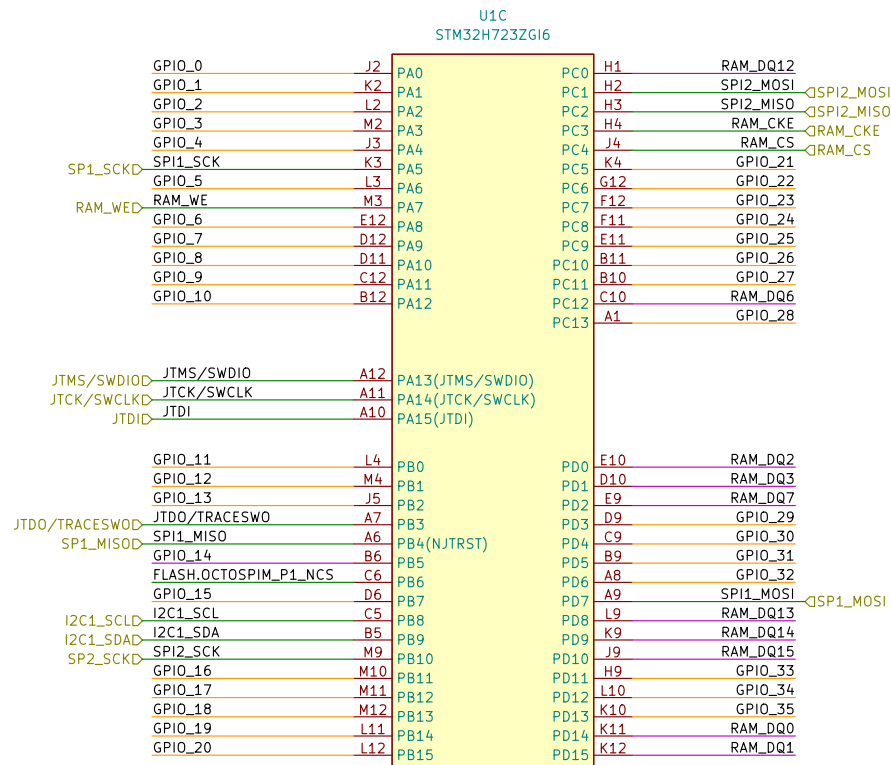
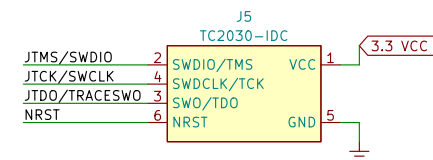
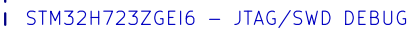
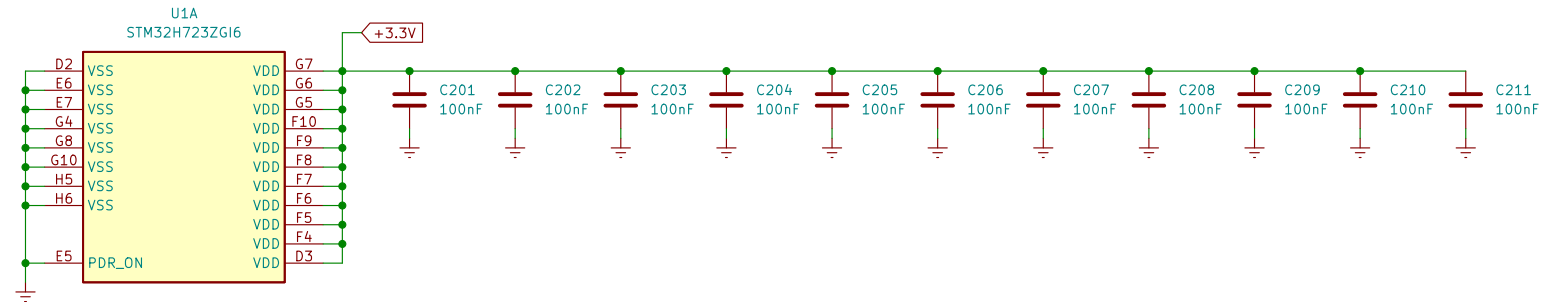


1	2	3	4	5	6
A					
B	<div>power-supply</div> <div>File: power-supply.kicad_sch</div>	<div>core-logic</div> <div>File: core-logic.kicad_sch</div>	<div>lora-communication</div> <div>File: lora-communication.kicad_sch</div>	<div>ram-storage</div> <div>File: ram-storage.kicad_sch</div>	<div>physical-connectors</div> <div>File: physical-connectors.kicad_sch</div>
C					
D	<div></div> <div>Sheet: / File: fruitfly-1.kicad_sch</div> <div>Title:</div> <div>Size: A4Date:KiCad E.D.A. kicad (6.0.9-0)</div> <div>Rev:Id: 1/6</div>				
1	2	3	4	5	6



****LEGEND:**

- GPIO PINS
- RAM DQ PINS
- RAM ADDRESS PINS

1 **NOTES:

- Add aliases to the FLASH bus

Cerebral Systems Inc.

Sheet: /core-logic/

File: core-logic.kicad_sch

Title: Fruityfly Node

Size: User	Date: 2023-09-15
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Size: User	Date: 2023
KiCad E.D.A.	kicad (6.0.9-0)

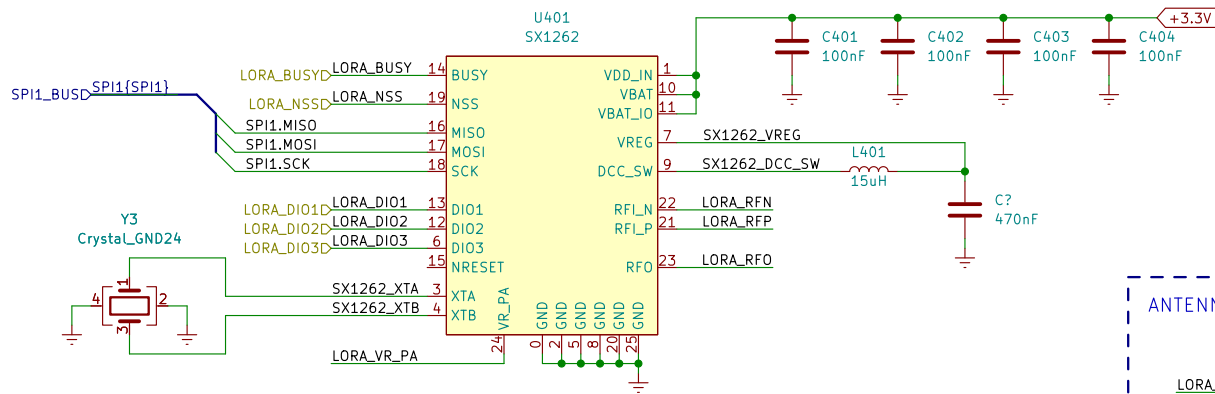
Rev: 1

Rev. 1
d: 2/6

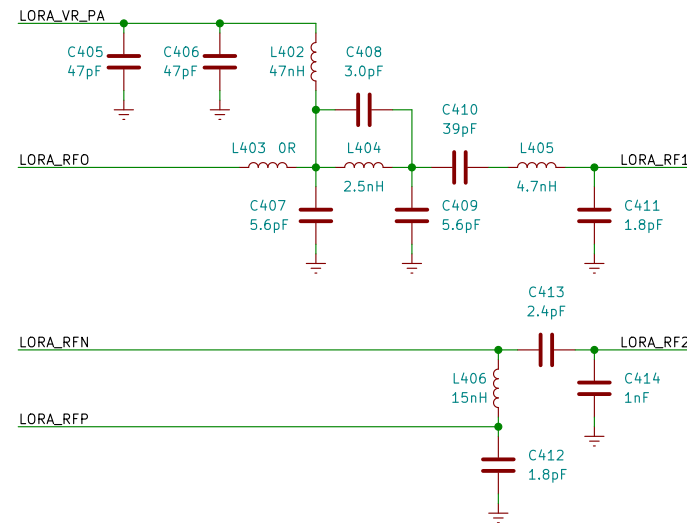
LORA TRANSCEIVER (915MHz)

**NOTES:

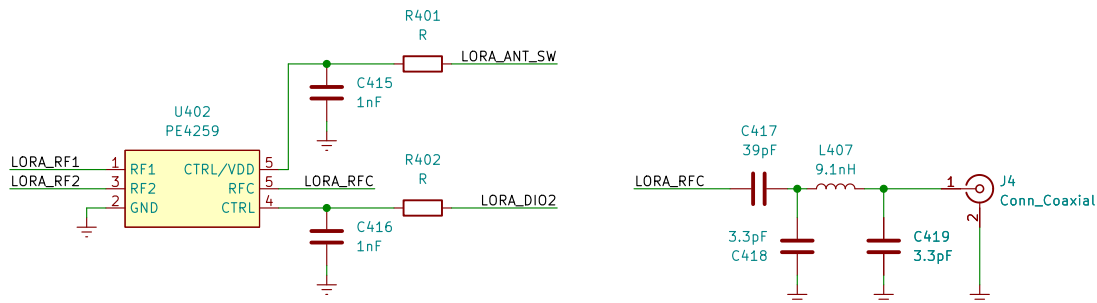
- The capacitor that corresponds to C3 on the Semtec application note has not been officially provided. I am just lazily, and probably incorrectly, filling it in with 5.6pF temporarily as it appears to be a PI filter.
- The capacitor that corresponds to C13 is also filled in.



ANTENNA IMPEDANCE MATCHING CIRCUIT



ANTENNA



**NOTE: Resistor values have not yet been chosen

Cerebral Systems Inc.

Sheet: /lora-communication/
File: lora-communication.kicad_sch

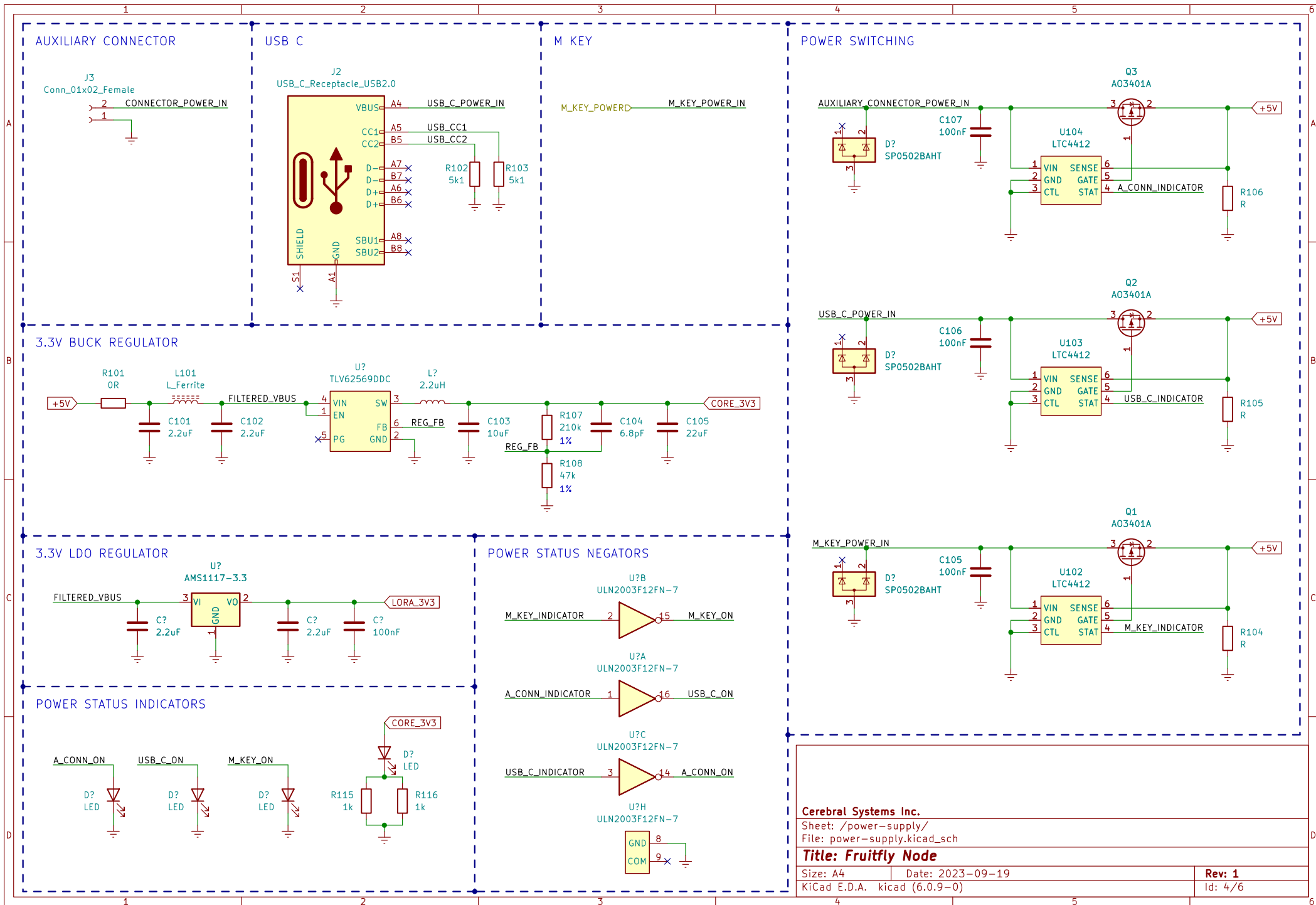
Title: **Fruitfly Node**

Size: A4 Date: 2023-09-17

KiCad E.D.A. kicad (6.0.9-0)

Rev: 1

Id: 3/6



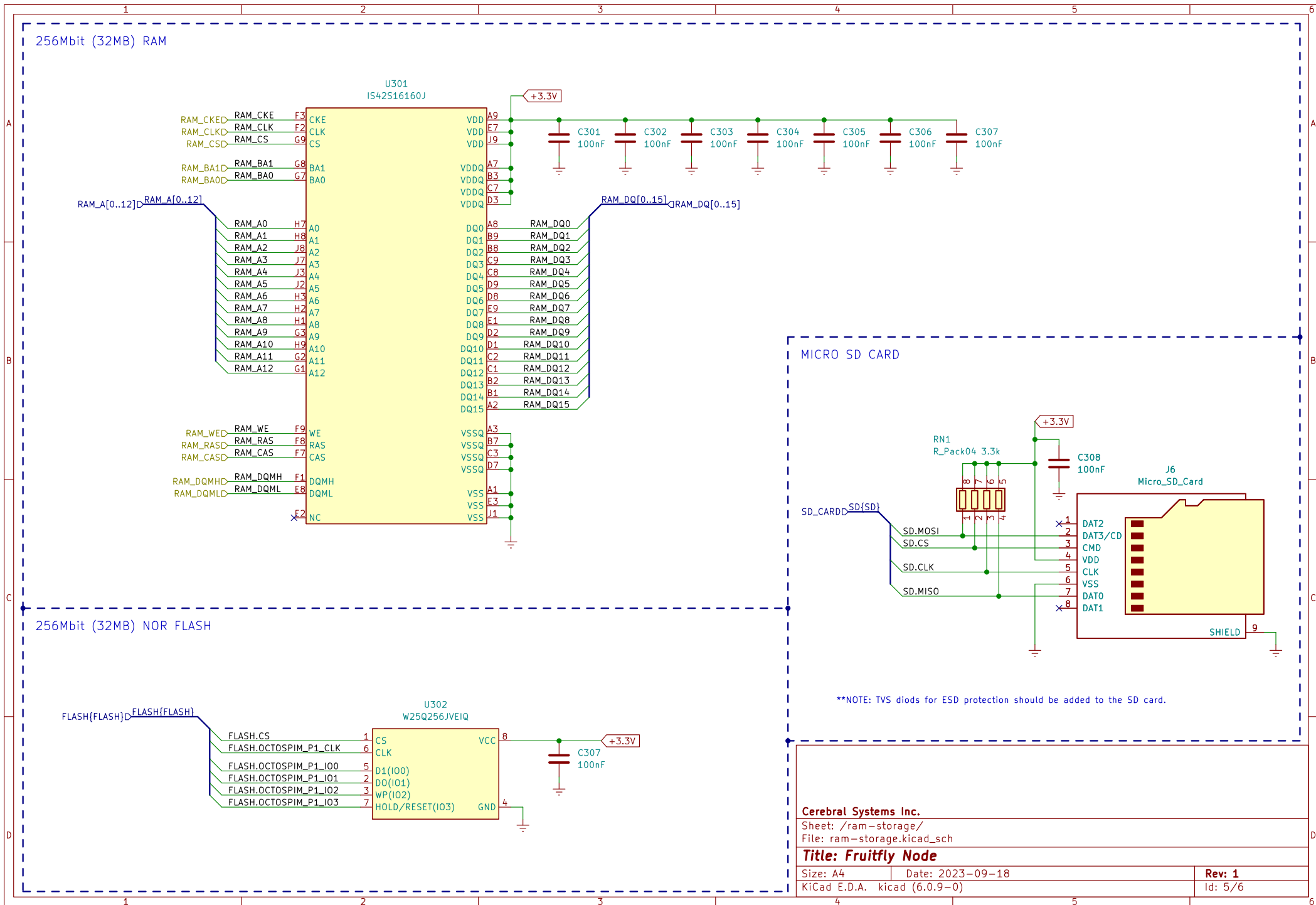
Cerebral Systems Inc.

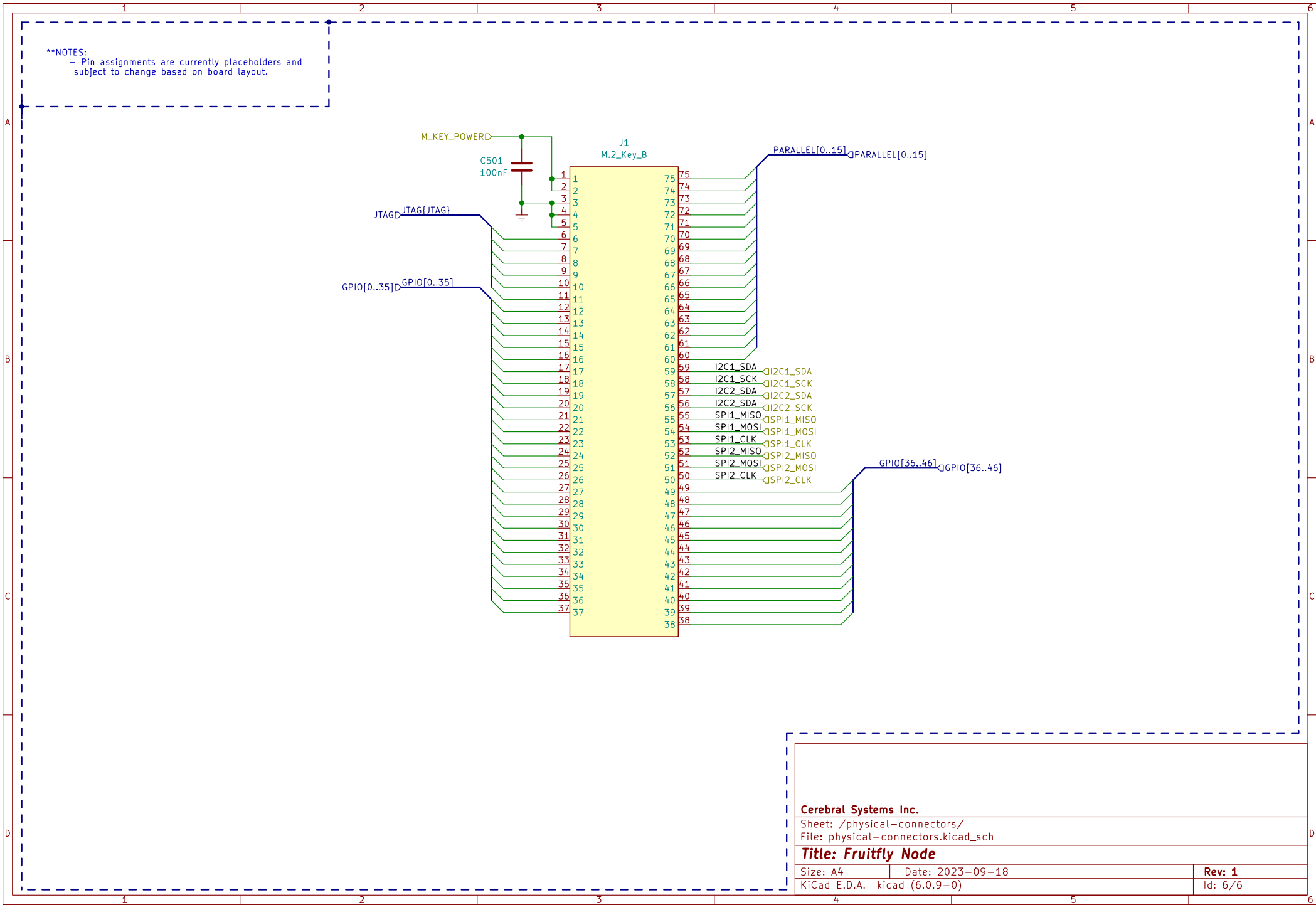
Sheet: /power-supply/
File: power-supply.kicad_sch

Title: Fruitfly Node

Size: A4 Date: 2023-09-19
KiCad E.D.A. kicad (6.0.9-0)

Rev: 1
Id: 4/6





Cerebral Systems Inc.

Sheet: /physical-connectors/
File: physical-connectors.kicad_sch

Title: Fruitfly Node

Size: A4 Date: 2023-09-18

KiCad E.D.A. kicad (6.0.9-0)

Rev: 1

Id: 6/6