

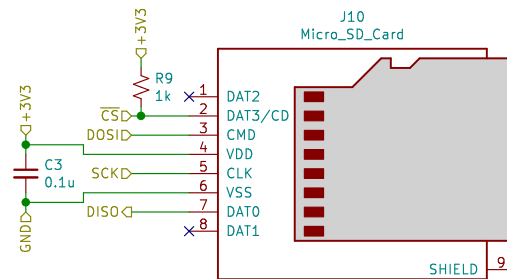
Peregrine Developments

Sheet: /
File: allfc.sch

Title: CUC - Overview

Size: A4 Date: 2021-06-01
KiCad E.D.A. kicad (5.1.5)-3

Rev: 2
Id: 1/12



Peregrine Developments

Sheet: /MicroSD/

File: sd.sch

Title: CUC – MicroSD

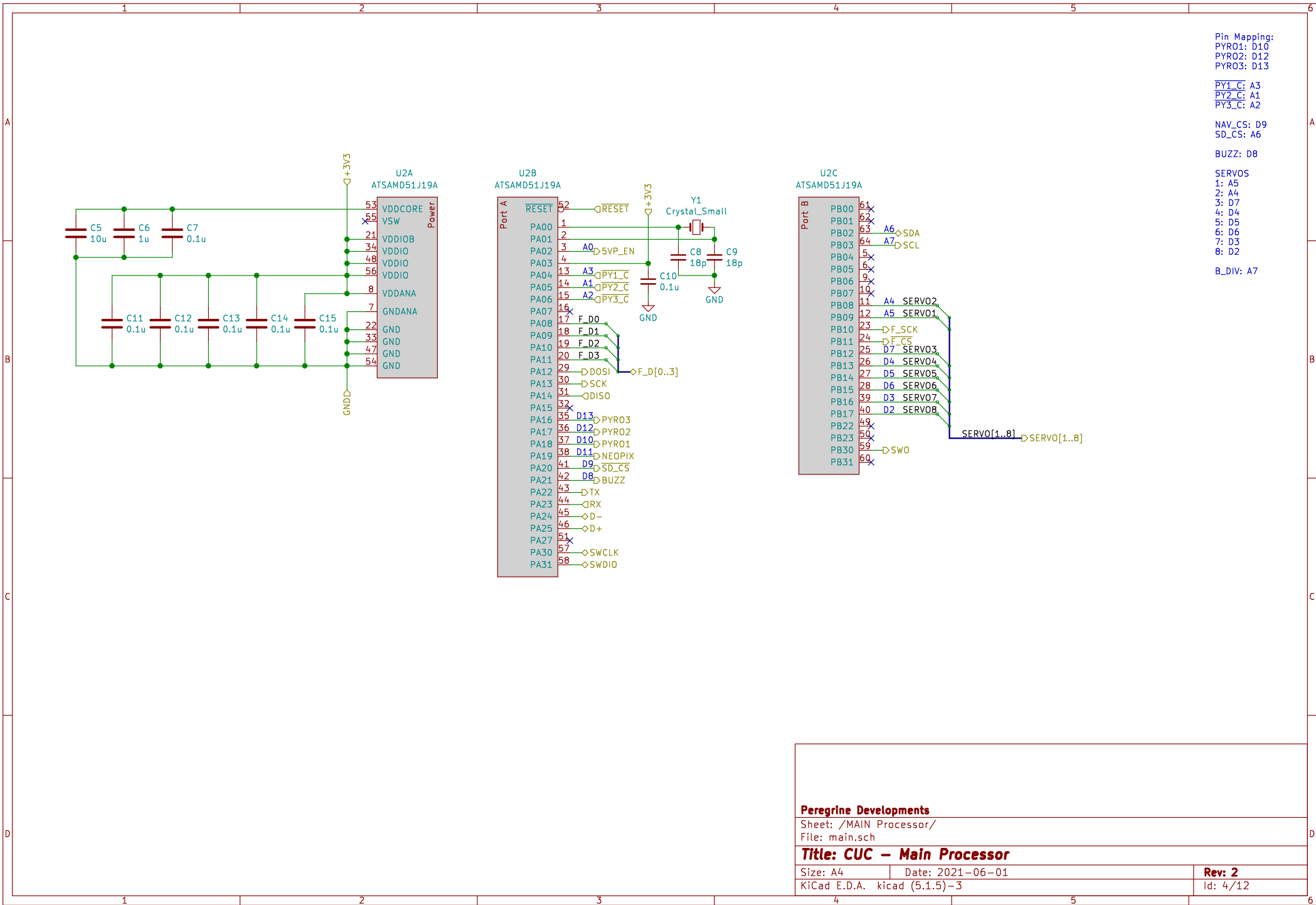
Size: A4 Date: 2021-06-01

KiCad E.D.A. kicad (5.1.5)–3

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Id: 2/12

Id: 3/12



Peregrine Developments

Sheet: /MAIN Processor/
File: main.sch

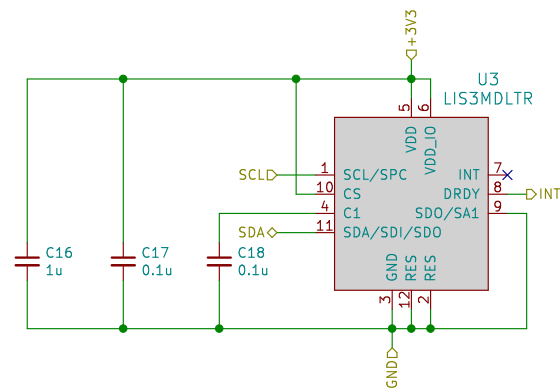
Title: CUC - Main Processor

Size: A4 Date: 2021-06-01

KiCad E.D.A. kicad (5.1.5)-3

Rev: 2

Id: 4/12



Peregrine Developments

Sheet: /LIS3MDL/

File: mag.sch

Title: CUC – Magnetometer

Size: A4

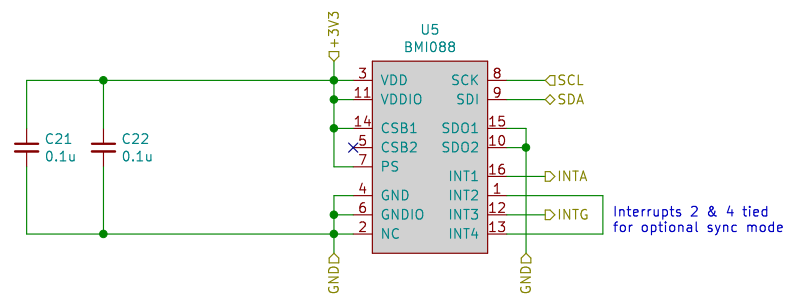
Date: 2021-06-01

Rev: 2

KiCad E.D.A. kicad (5.1.5)-3

Id: 5/12

Id: 6/12



Peregrine Developments

Sheet: /BMI088/

File: imu.sch

Title: CUC - IMU

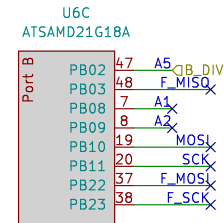
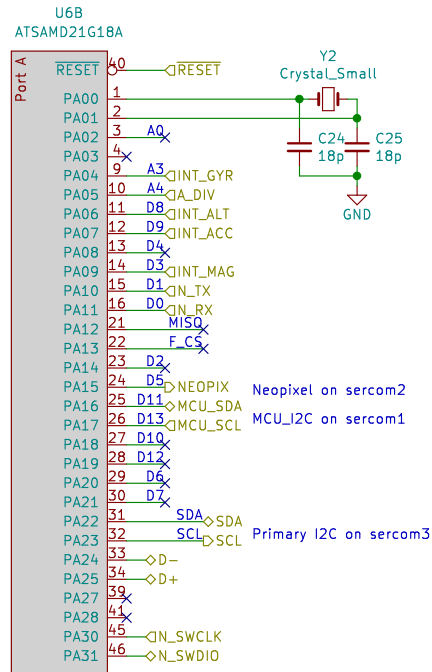
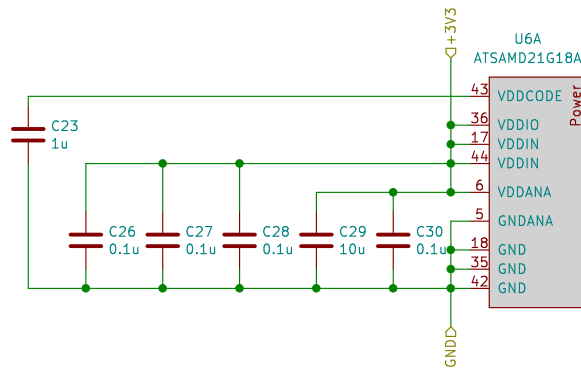
Size: A4

Date: 2021-06-01

Rev: 2

KiCad E.D.A. kicad (5.1.5)-3

Id: 7/12



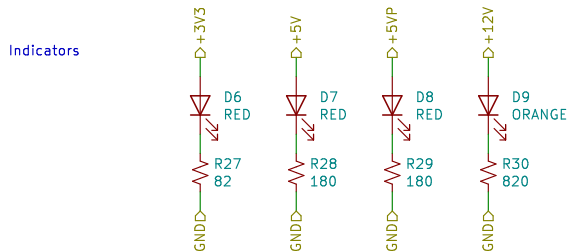
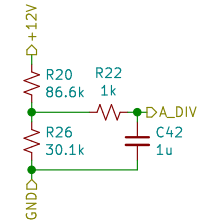
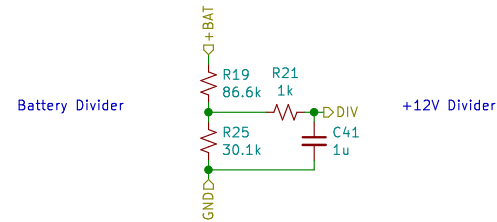
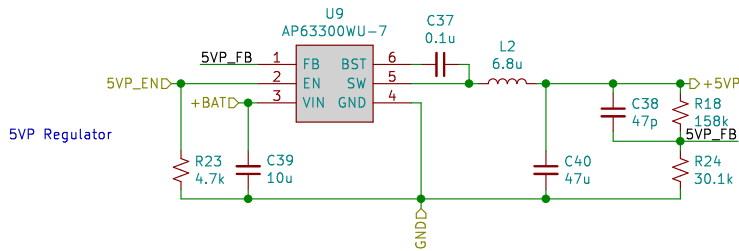
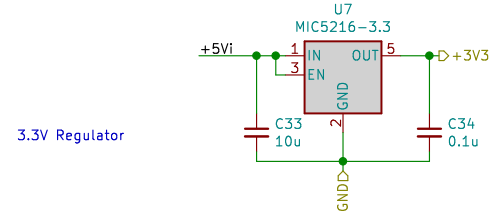
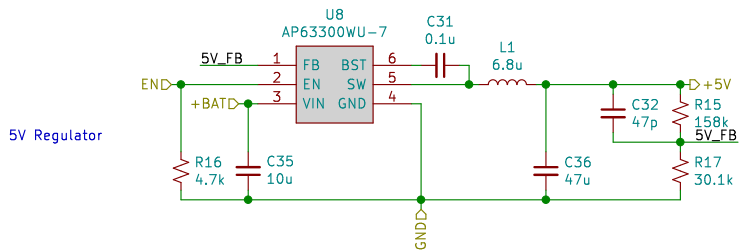
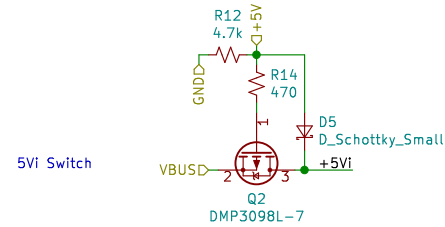
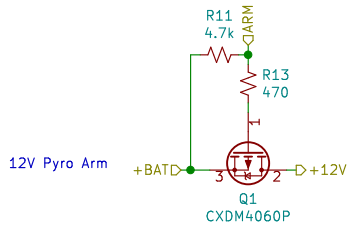
Peregrine Developments

Sheet: /NAV Subprocessor/
File: nav.sch

Title: CUC – NAV Processor

Size: A4 Date: 2021-06-01
KiCad E.D.A. kicad (5.1.5)-3

Rev: 2
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+12V divider is necessary due to the behavior of the pyro continuity network. When no voltage is measured at the continuity point, either there is a valid charge present OR the line is not armed.

Peregrine Developments

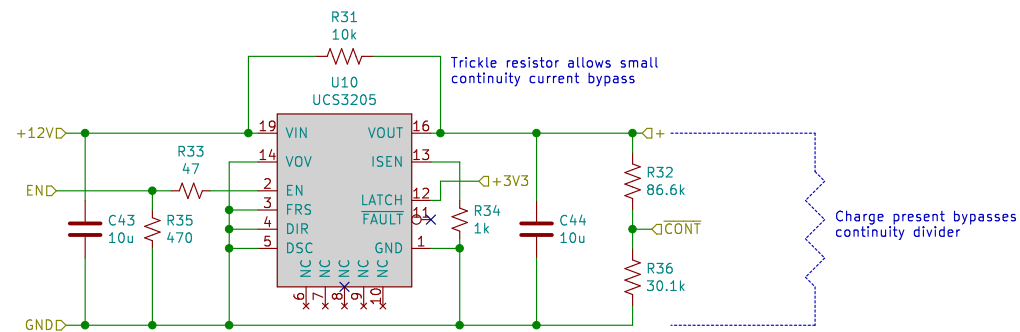
Sheet: /Power/
File: pow.sch

Title: CUC – Power Domain

Size: A4
KiCad E.D.A. kicad (5.1.5)–3

Date: 2021–06–01

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Peregrine Developments

Sheet: /Pyro 1/

File: pyro.sch

Title: CUC - Pyro Channel

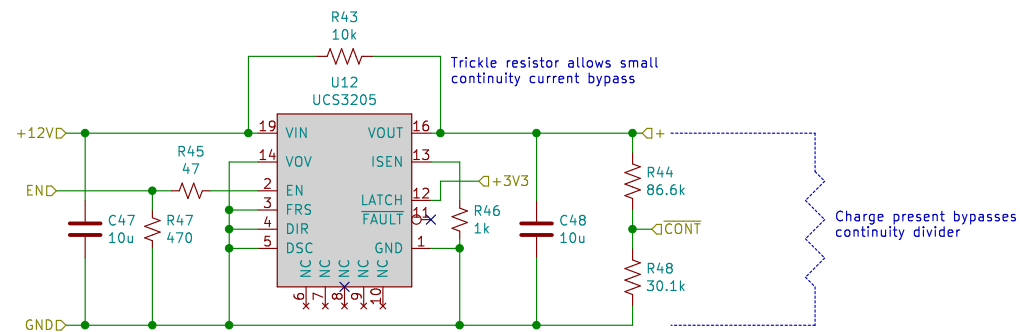
Size: A4

Date: 2021-06-01

Rev: 2

KiCad E.D.A. kicad (5.1.5)-3

Id: 10/12



Peregrine Developments

Sheet: /Pyro 3/

File: pyro.sch

Title: CUC – Pyro Channel

Size: A4

Date: 2021-06-01

Rev: 2

KiCad E.D.A. kicad (5.1.5)–3

Id: 12/12