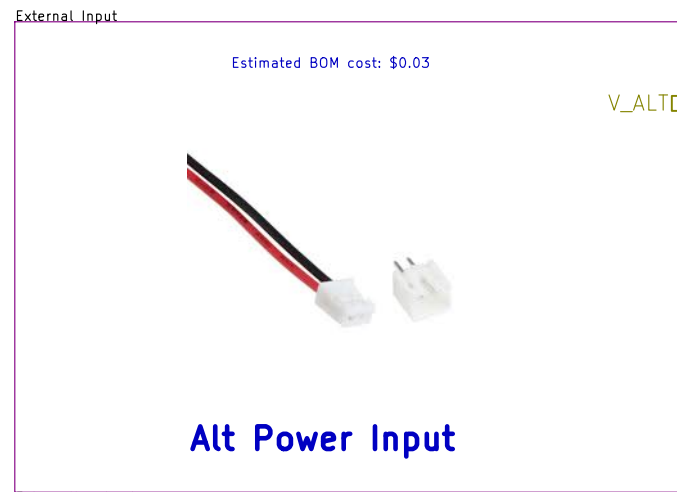
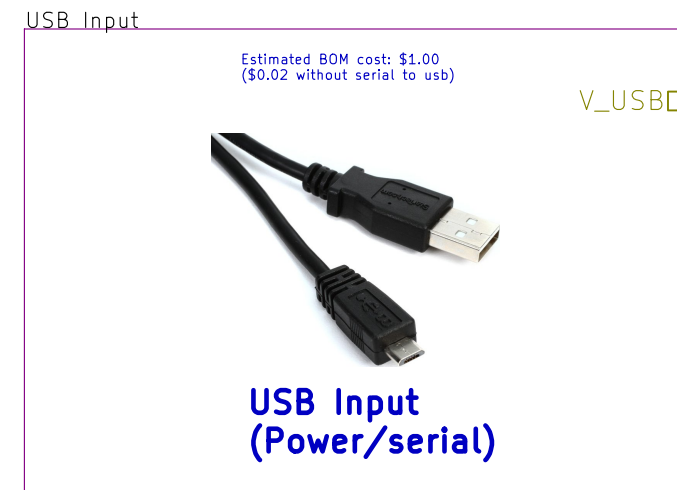


## Battery Input

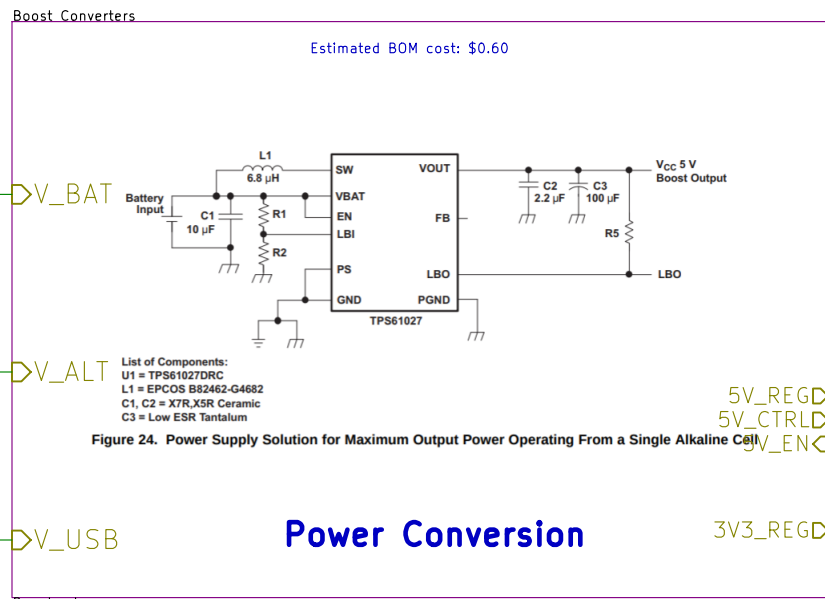
BatteryInput.sch



ExternalInput.sch

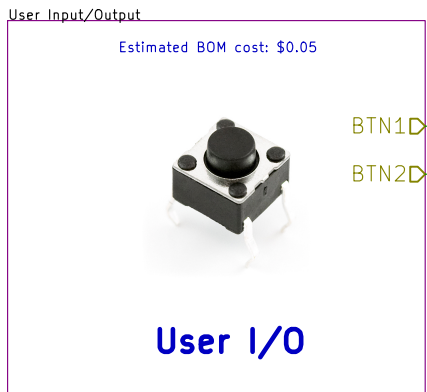


USB\_Input.sch



## Power Conversion

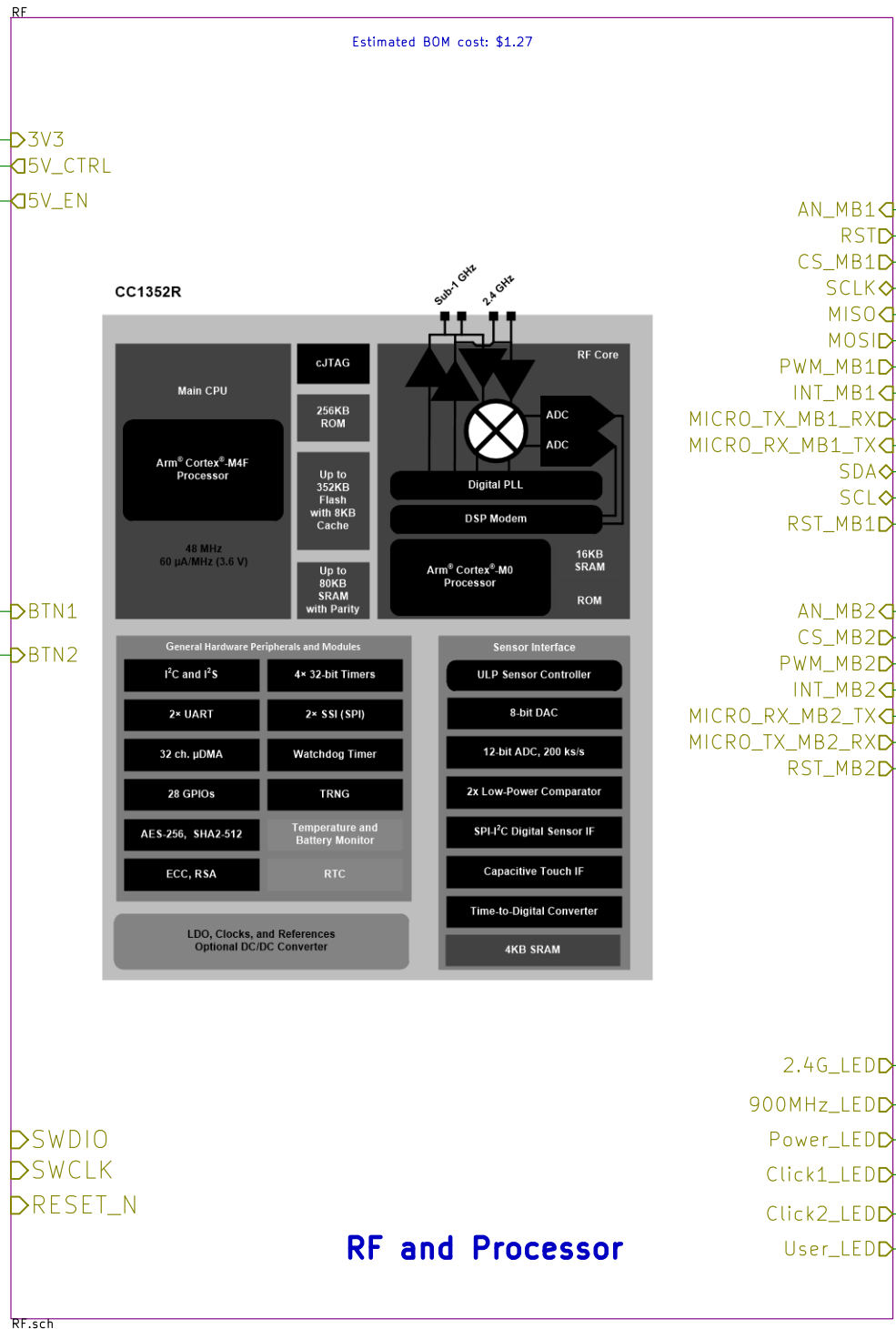
Boost.sch



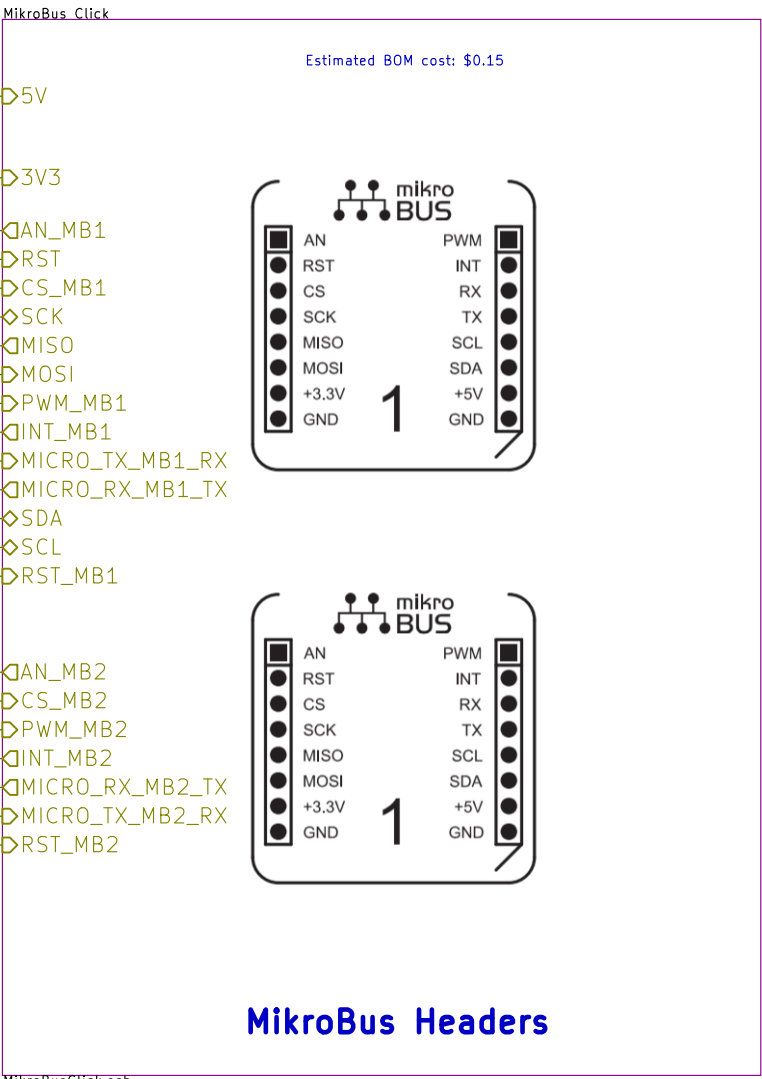
UserInputOutput.sch



Programming.sch



RF.sch



MikroBusClick.sch



Indicators.sch

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[Beagleboard.org](http://Beagleboard.org)

Sheet: /

File: LeashPCB.sch

**Title: BeagleDust Leash PCB**

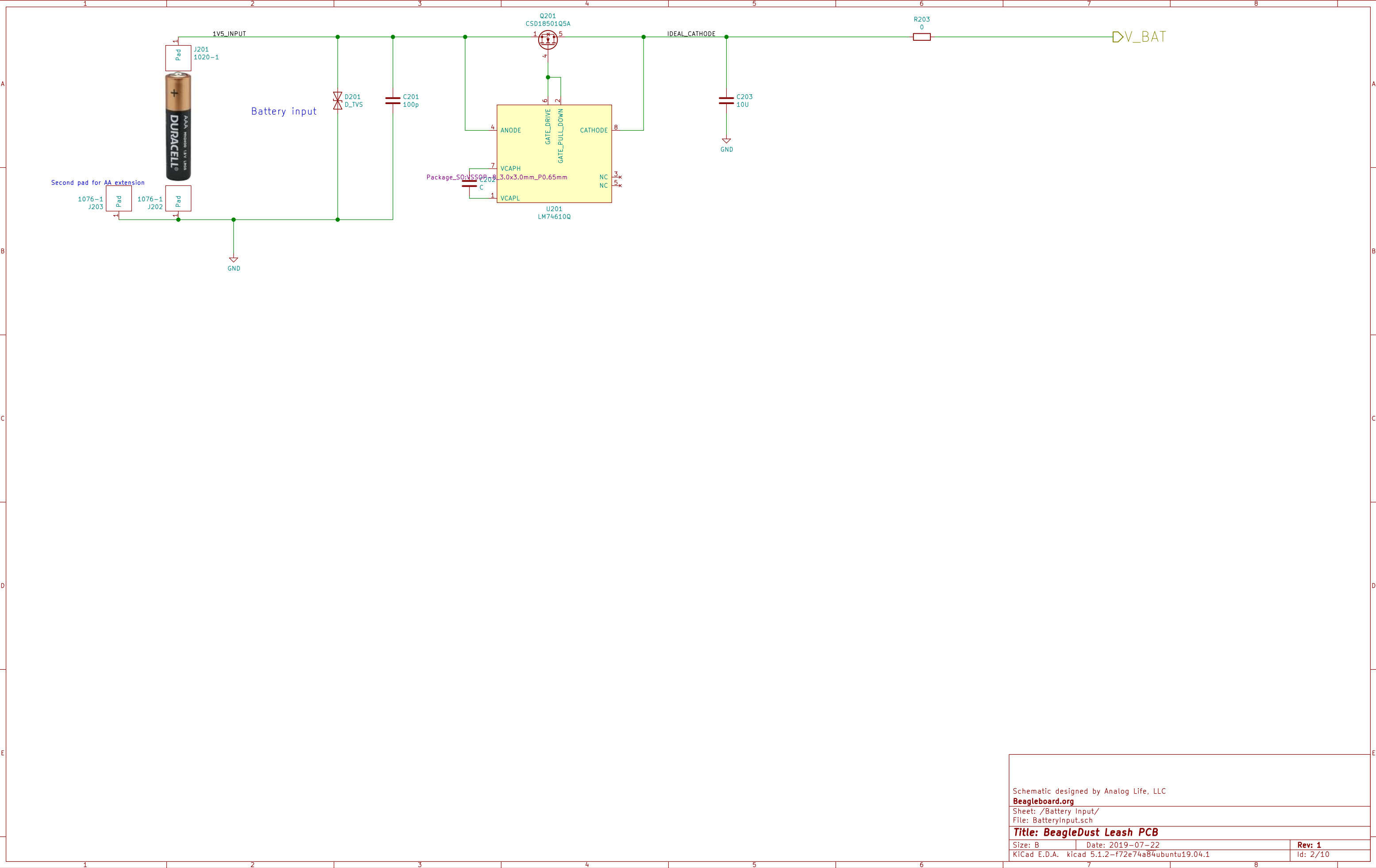
Size: C

Date: 2019-07-22

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Rev: 1

Id: 1/10



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**Beagleboard.org**

Sheet: /Battery Input/

File: BatteryInput.sch

**Title: BeagleDust Leash PCB**

Size: B

Date: 2019-07-22

Rev: 1

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Id: 2/10



Schematic designed by Analog Life, LLC

**Beagleboard.org**

Sheet: /External Input/

File: ExternalInput.sch

**Title: BeagleDust Leash PCB**

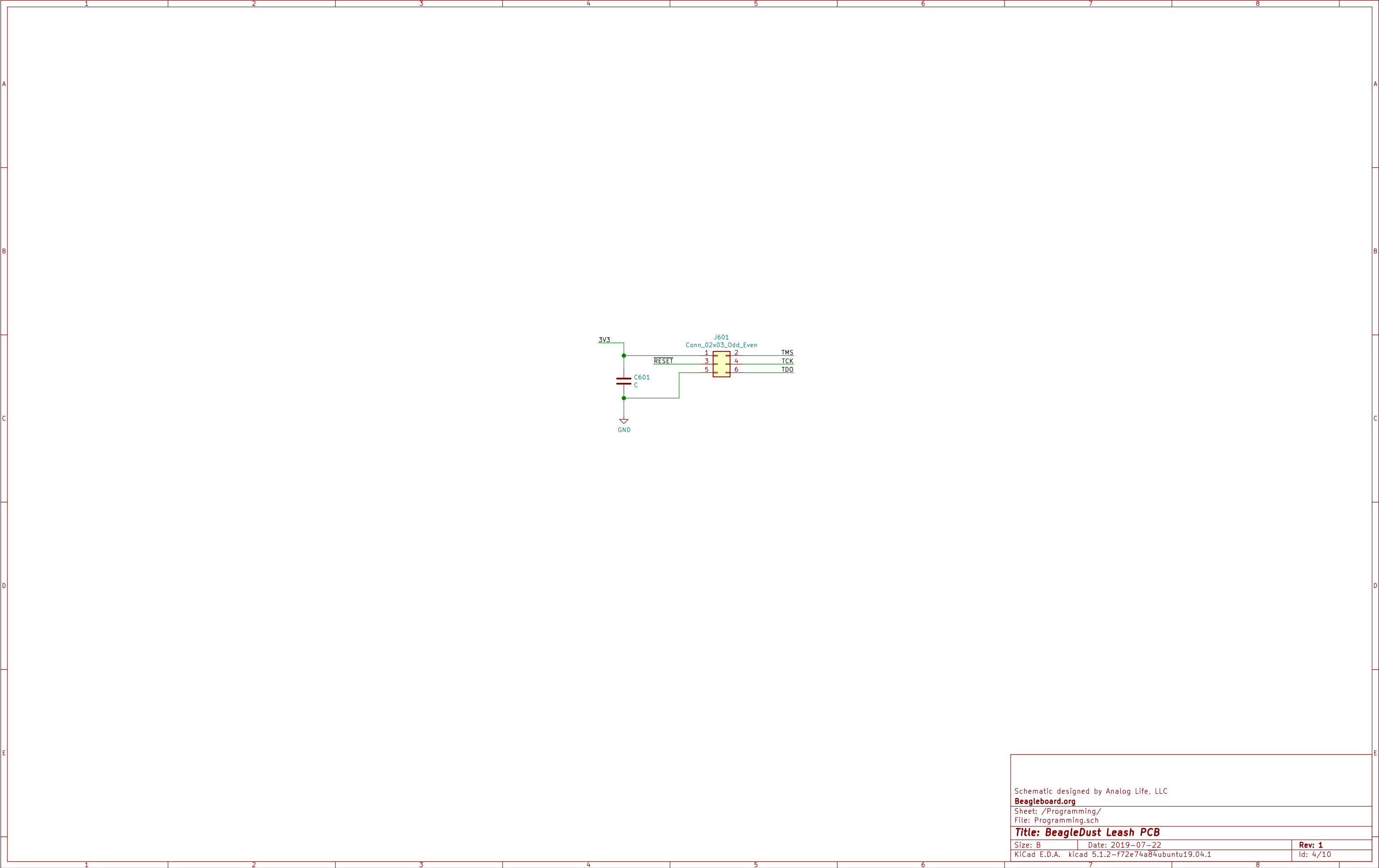
Size: B

Date: 2019-07-22

Rev: 1

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Id: 3/10



Schematic designed by Analog Life, LLC

**Beagleboard.org**

Sheet: /Programming/

File: Programming.sch

**Title: BeagleDust Leash PCB**

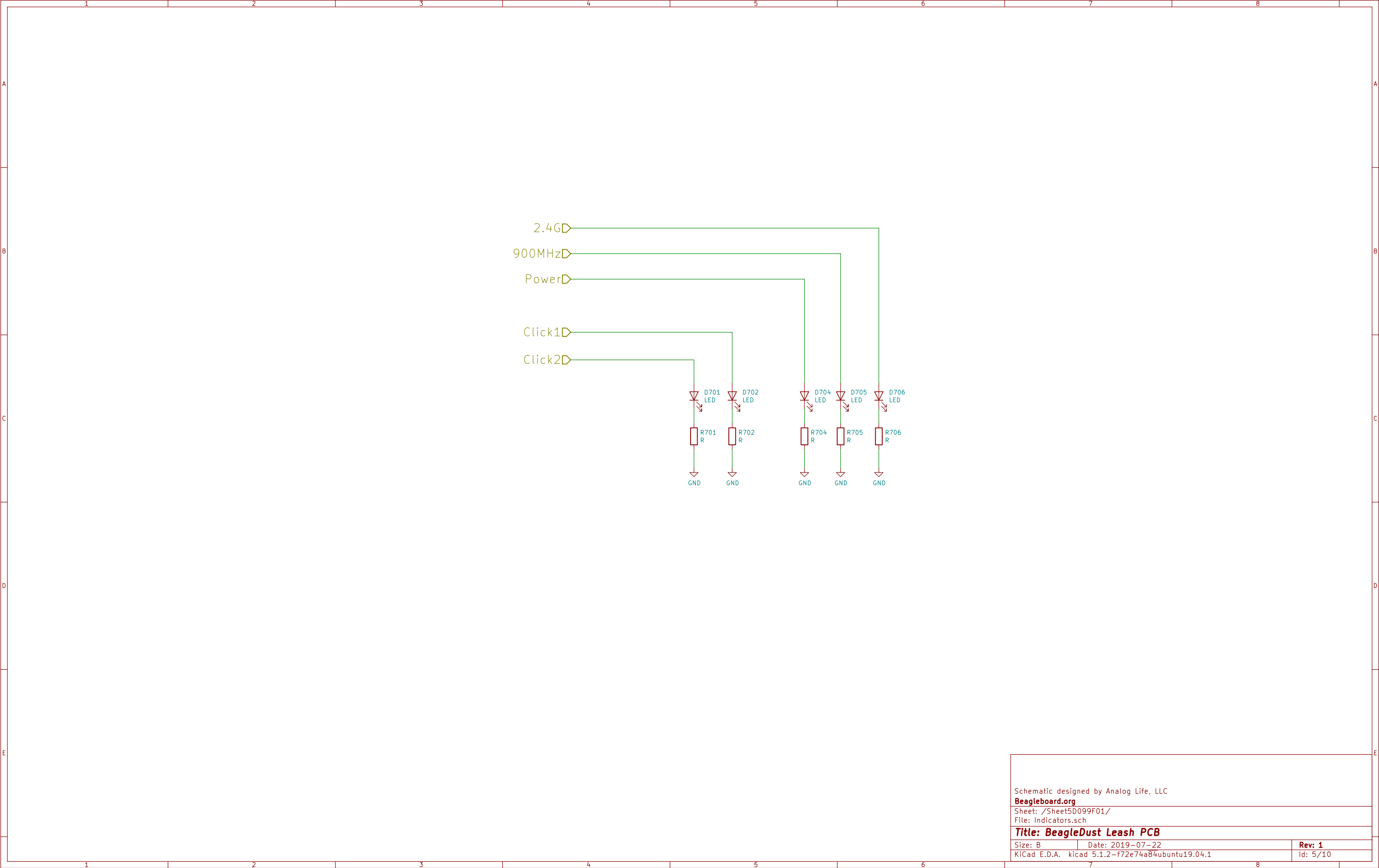
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Date: 2019-07-22

Rev: 1

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Id: 4/10



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**Beagleboard.org**

Sheet: /Sheet5D099F01/

File: Indicators.sch

**Title: BeagleDust Leash PCB**

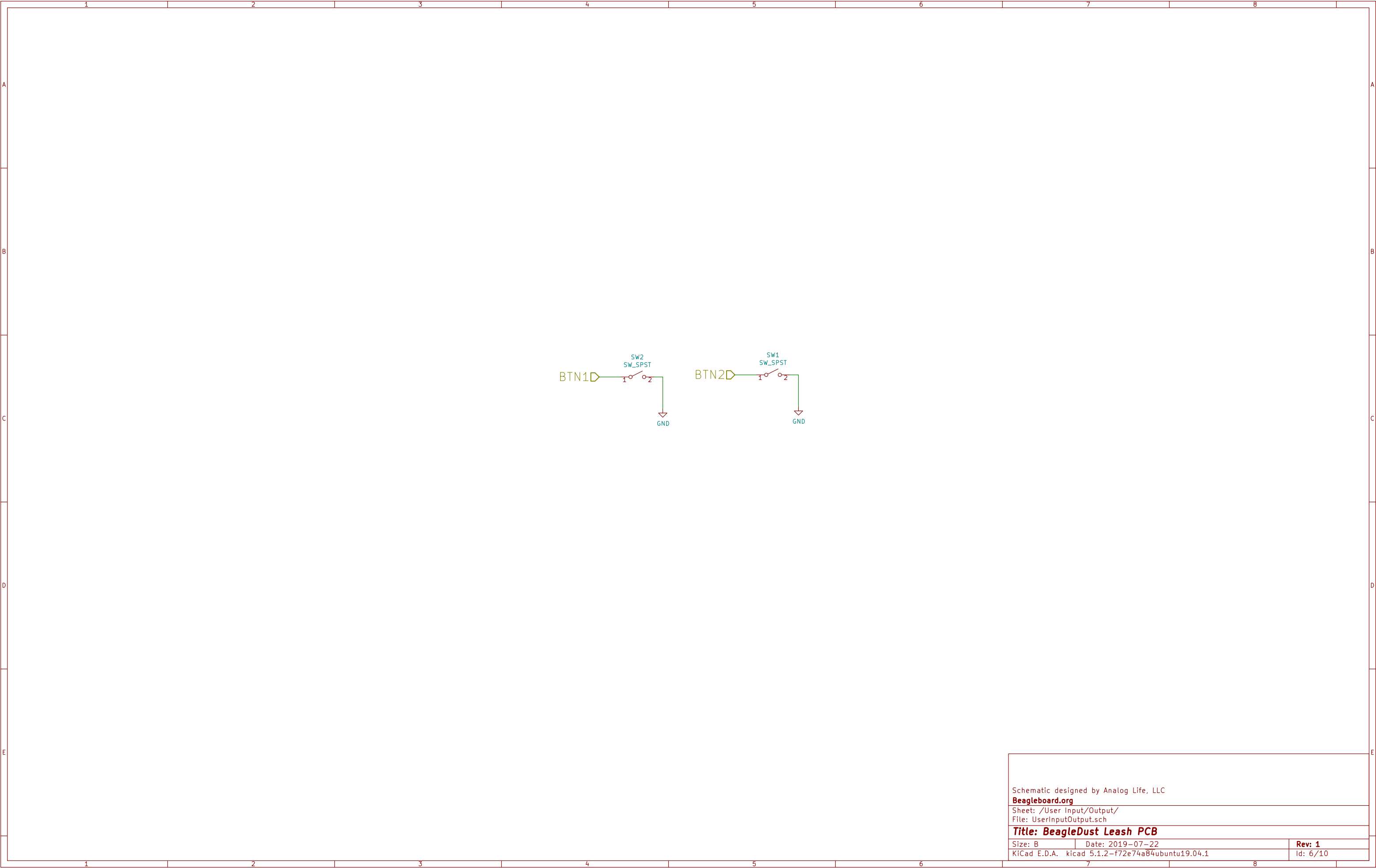
Size: B

Date: 2019-07-22

Rev: 1

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Id: 5/10



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**Beagleboard.org**

Sheet: /User Input/Output/

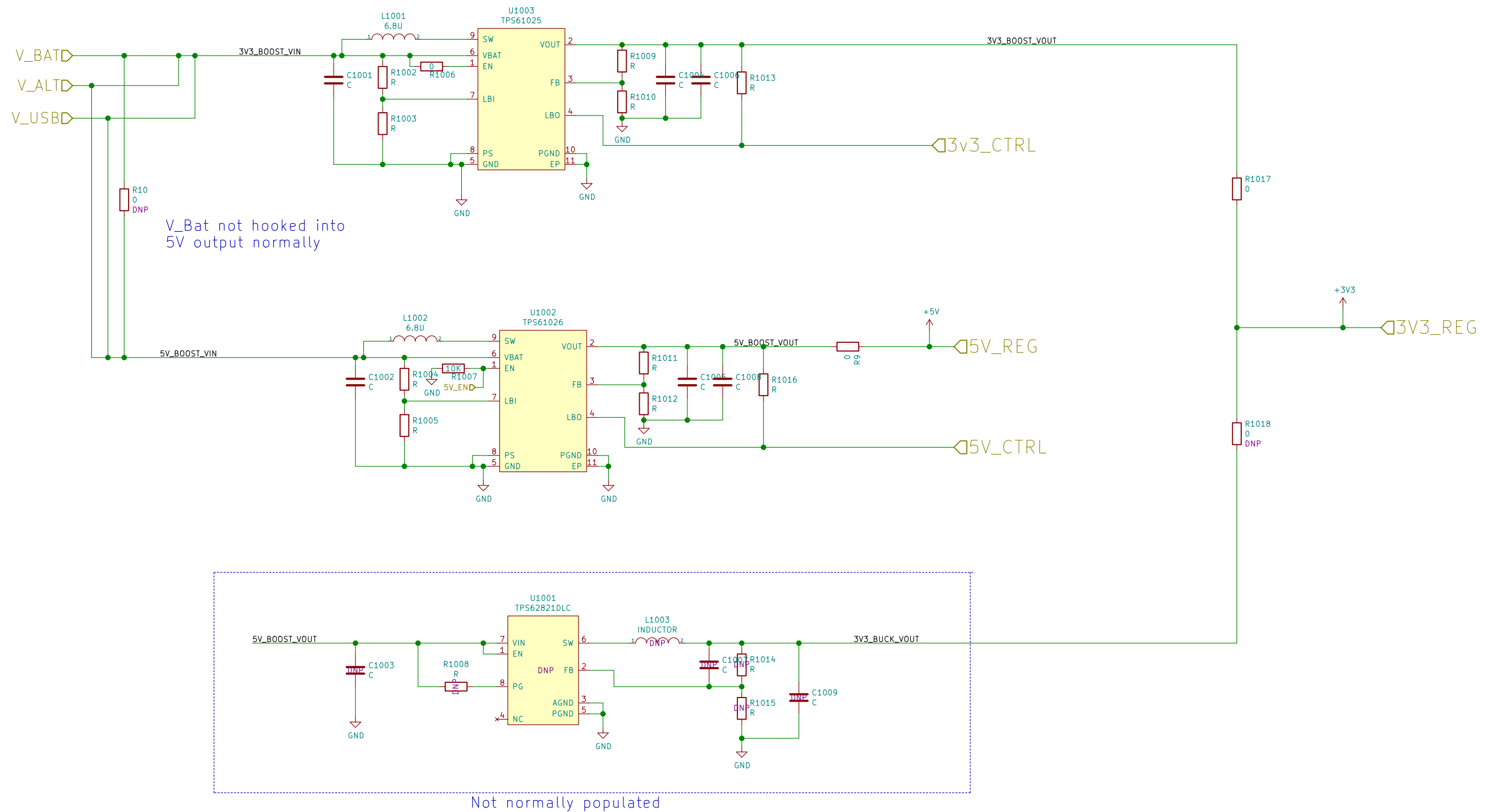
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**Title: BeagleDust Leash PCB**

Size: B	Date: 2019-07-22	Rev: 1
KiCad E.D.A.	kiCad 5.1.2-f72e74a84ubuntu19.04.1	Id: 6/10



CONFIG 1: All power inputs go into 3V3 boost, ALT and USB go into the 5V boost  
CONFIG 2: All power inputs go into 3V3 boost, all go into the 5V boost  
CONFIG 3: All power inputs go into 5V boost, 5V is bucked down to 3V3



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**Beagleboard.org**

Sheet: /Boost Converters/

File: Boost.sch

Title: BeagleDust Leash PCB

Size: B

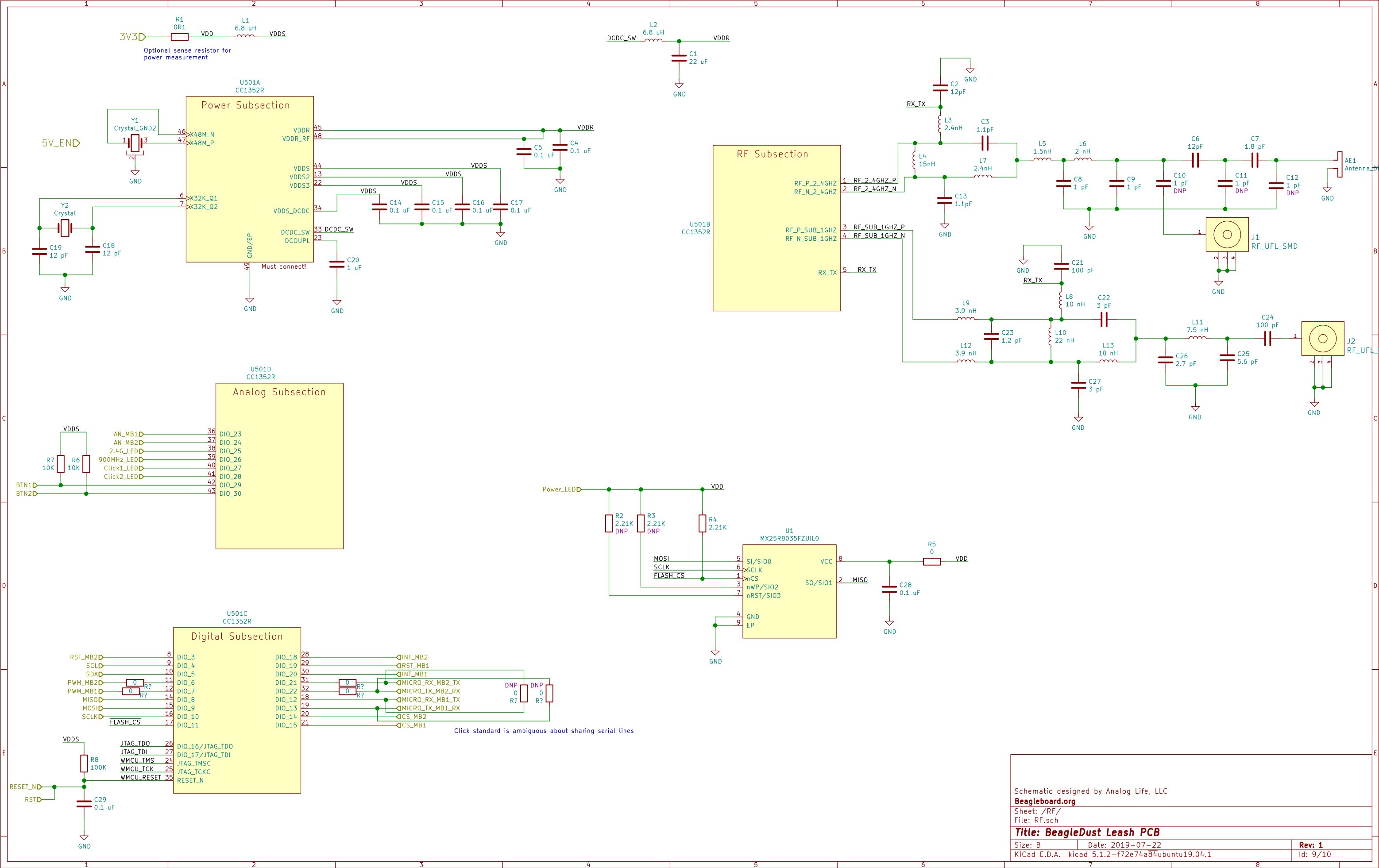
Date: 2019-07-22

Rev: 1

Size: 0	Date: 2019-07-22
KiCad E.D.A.	kicad 5.1.2-f72e74a84ubuntu19.04.1

id: 8/10





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Sheet: /RF/

File: RF.sch

Title: BeagleDust Leash PCB

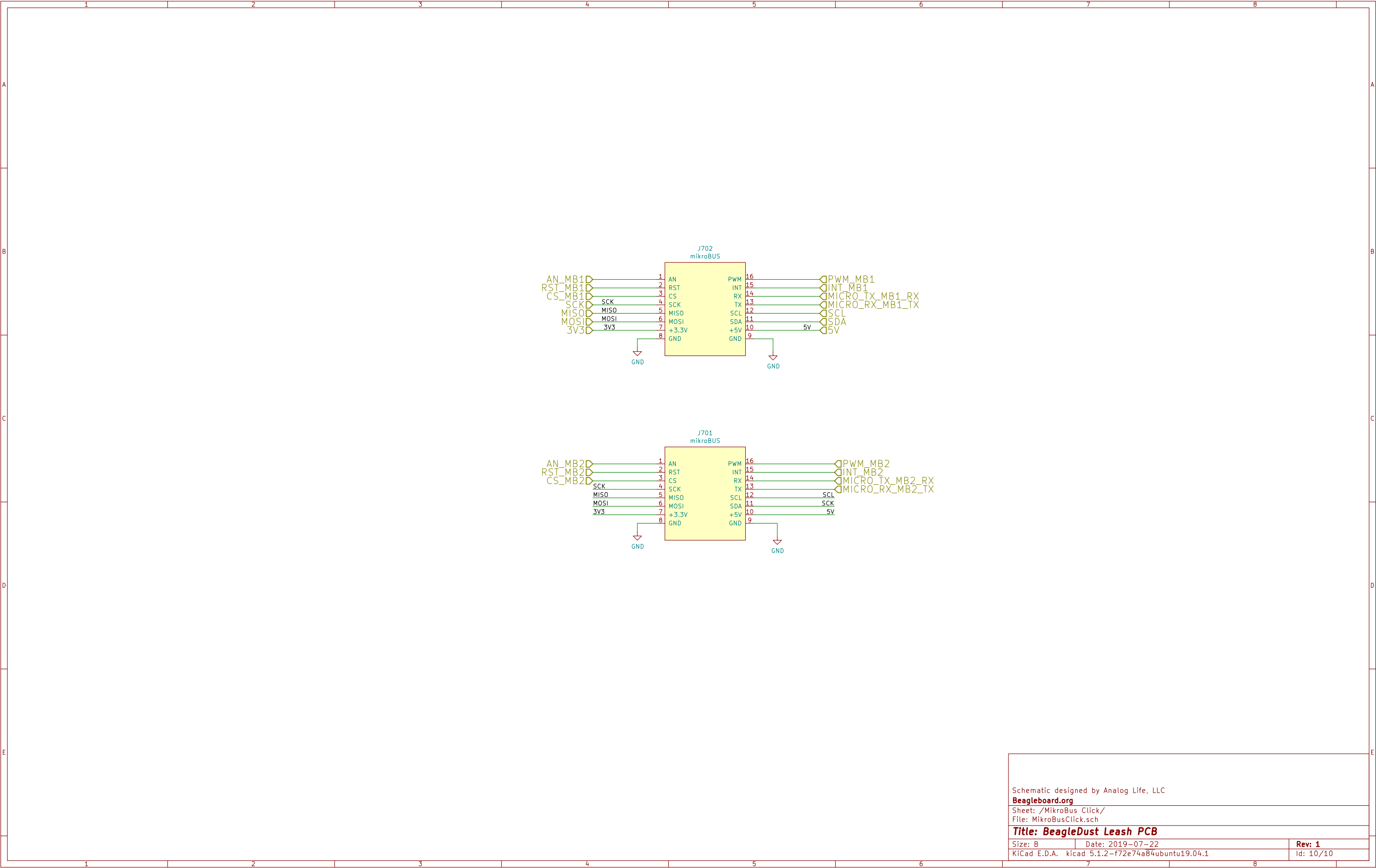
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Date: 2019-07-22

Rev: 1

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Id: 9/10



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**Beagleboard.org**

Sheet: /MikroBus Click/

File: MikroBusClick.sch

**Title: BeagleDust Leash PCB**

Size: B

Date: 2019-07-22

Rev: 1

KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu19.04.1

Id: 10/10