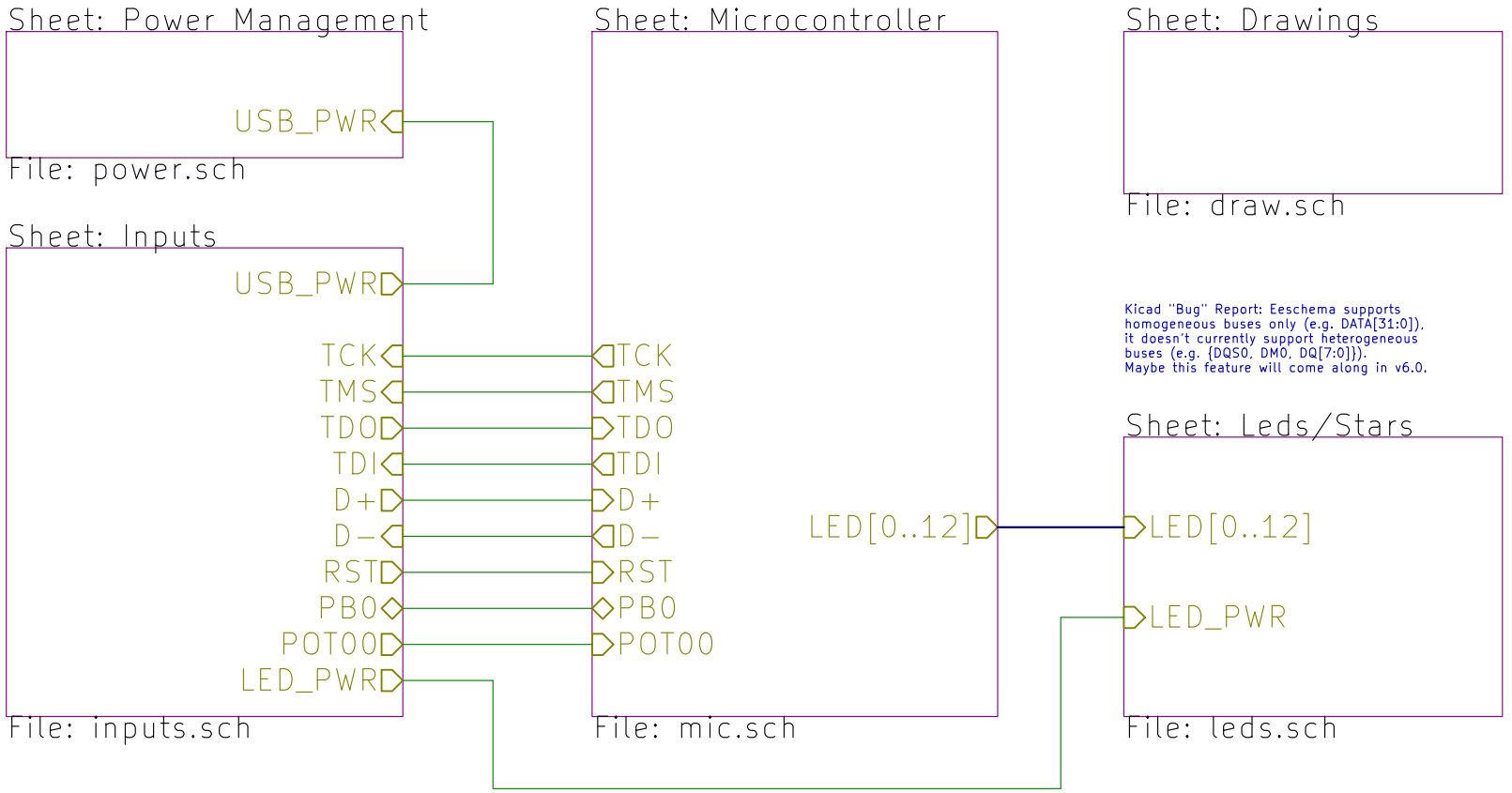

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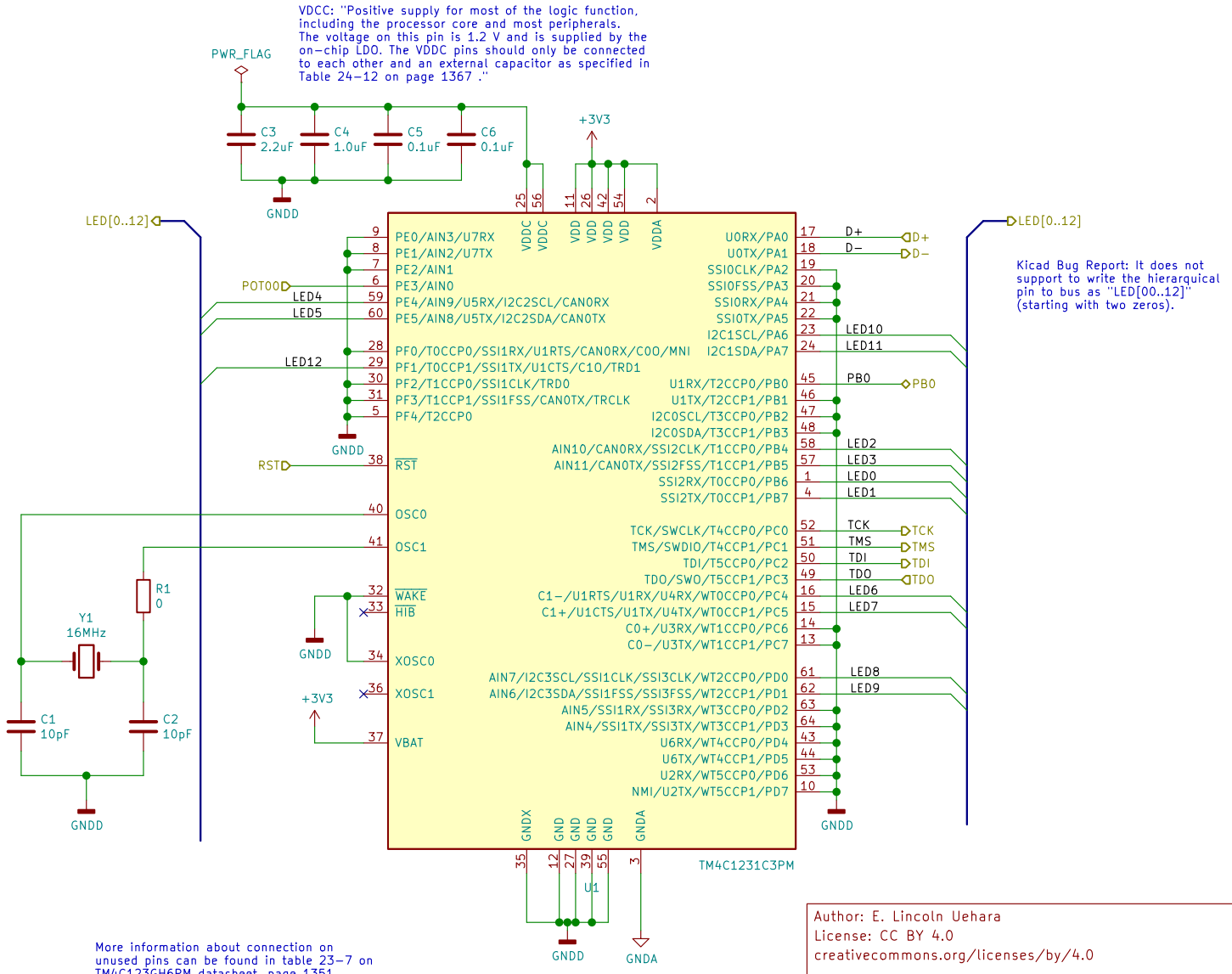
Sheet: /
File: aquarius.sch

Title: Aquarius Project General Overview

Size: A4	Date: 2019-12-15	**Rev: 1.1**
KiCad E.D.A.	kicad 5.1.5-52549c584ubuntu18.04.1	Id: 1/6



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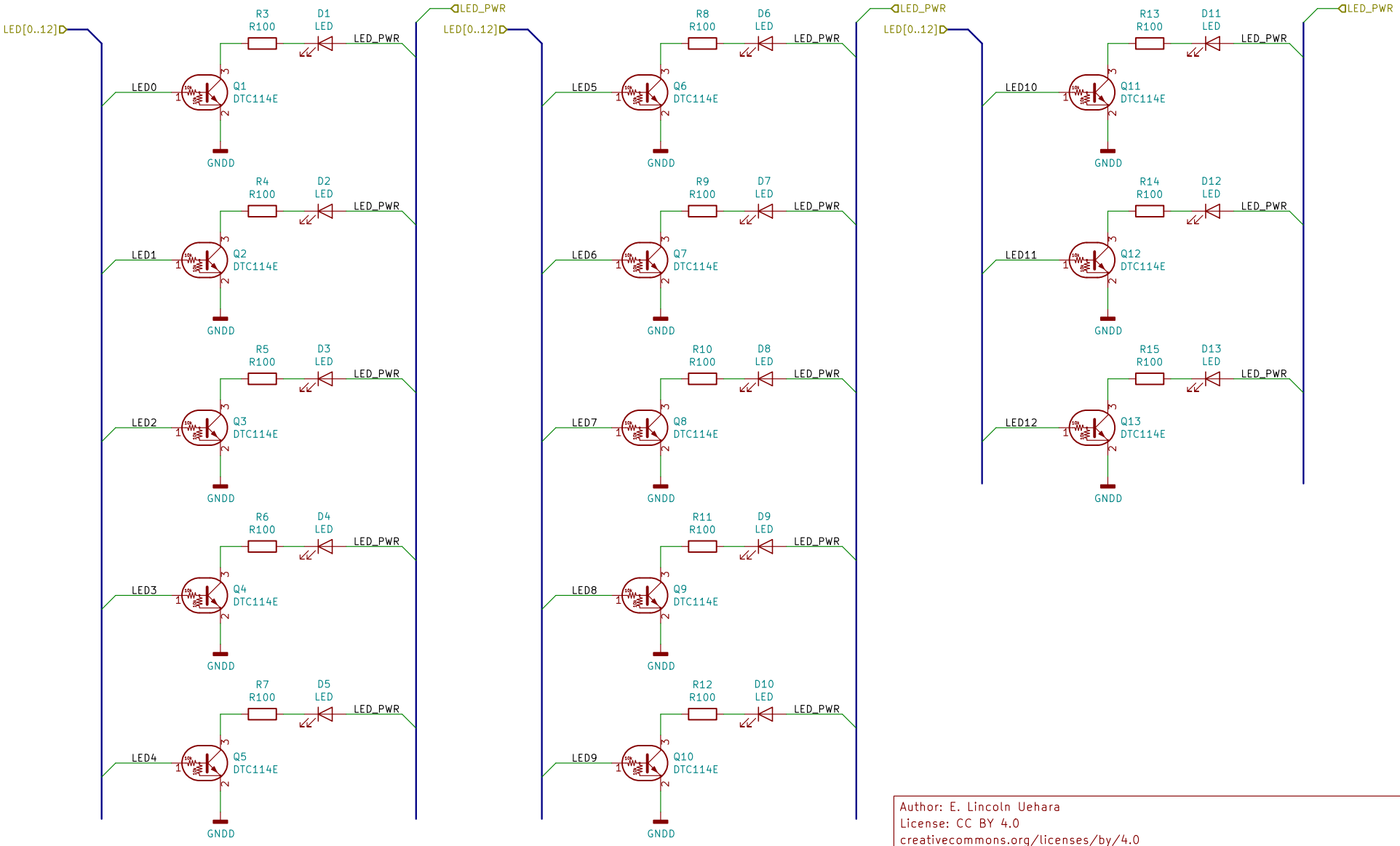
Sheet: /Microcontroller/
File: mic.sch

Title: TM4C1231C3PM Microcontroller Connections

Size: A4	Date: 2019-12-15	**Rev: 1.1**
KiCad E.D.A. kicad 5.1.5-52549c584ubuntu18.04.1		Id: 2/6



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Sheet: /Leds/Stars/
File: leds.sch

Title: Stars/Leds Wiring

Size: A4	Date: 2019-12-15	**Rev: 1.1**
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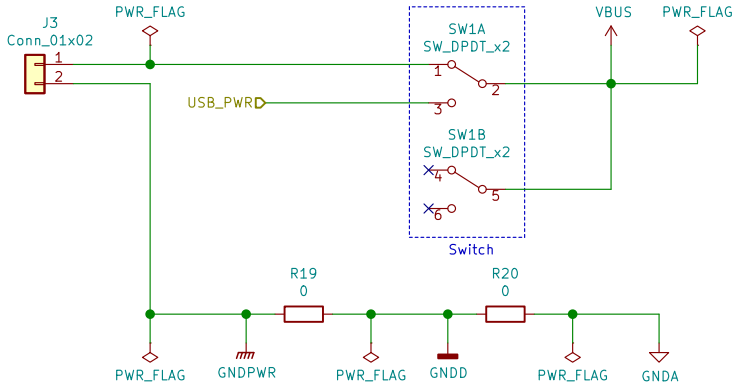

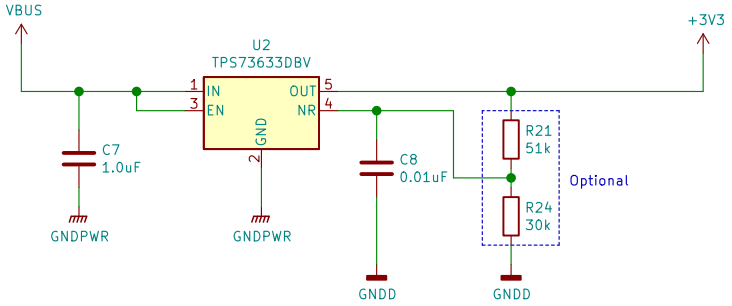

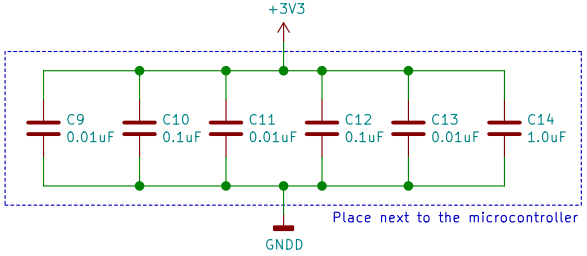

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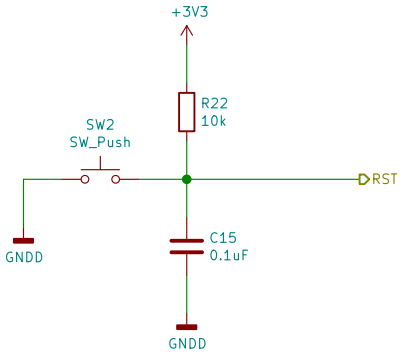
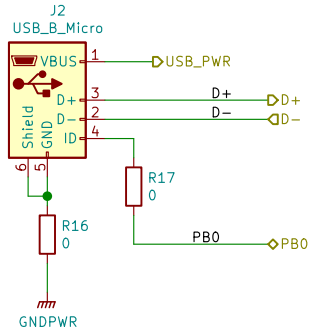
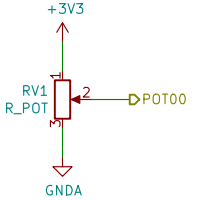
Sheet: /Power Management/
File: power.sch

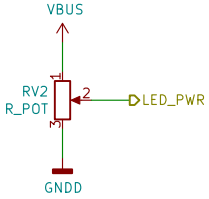
Title: Power Management

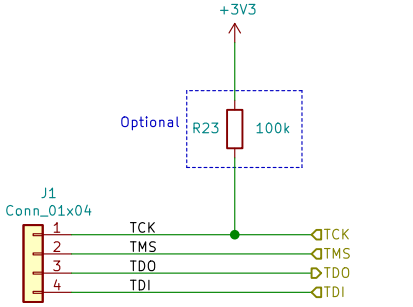
Size: A4	Date: 2019-12-15	**Rev: 1.1**
KiCad E.D.A. kicad 5.1.5-52549c584ubuntu18.04.1		Id: 4/6











"If the JTAG signals are greater than 2 in. (51 mm) or routed near an area where they could pick up noise, TCK should be externally pulled−up with a 10K or stronger resistor or pulled−down with a 1K or stronger resistor to prevent any transitions that could unexpectedly execute a JTAG instruction." (spma059 − page 30)

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USB, trimpots, reset button and debug interface

Sheet: /Inputs/
File: inputs.sch

Title: Inputs

Size: A4	Date: 2019−12−15	**Rev: 1.1**
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X1
theGirl

X2
rinhara_inkan

X3
DesignedWithKicad

X4
OpenSourceHardware

X5
choose_indication

X6
control_indication

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Sheet: /Drawings/
File: draw.sch

Title: PCB Drawings

Size: A4	Date: 2019-12-15	**Rev: 1.1**
KiCad E.D.A. kicad 5.1.5-52549c584ubuntu18.04.1		Id: 6/6