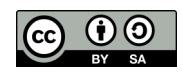


<https://www.adafruit.com/feather>



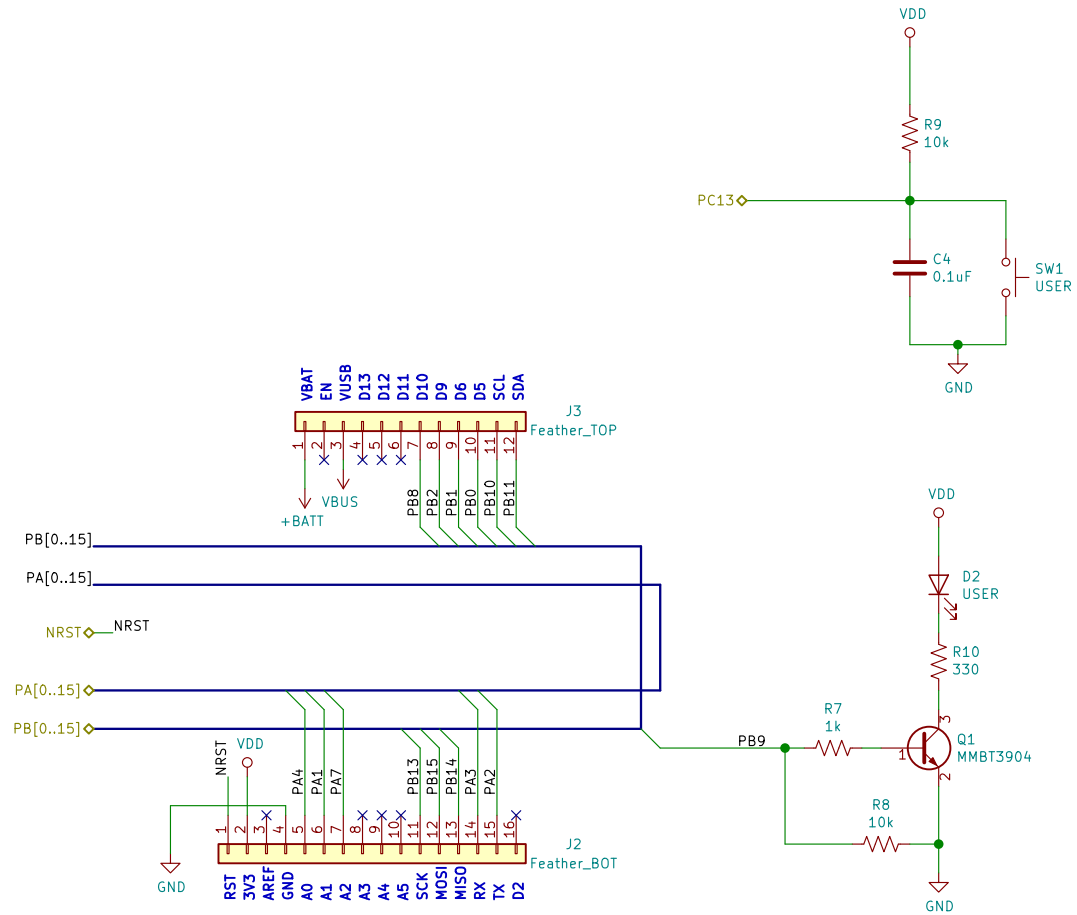
svcguy

Sheet: /
File: loRaWan1262_jlc.sch

Title: LoRaWAN Feather

Size: A4 Date: 2019-11-17
KiCad E.D.A. kicad (5.1.4)-1

Rev: A0
Id: 1/8



<https://www.adafruit.com/feather>



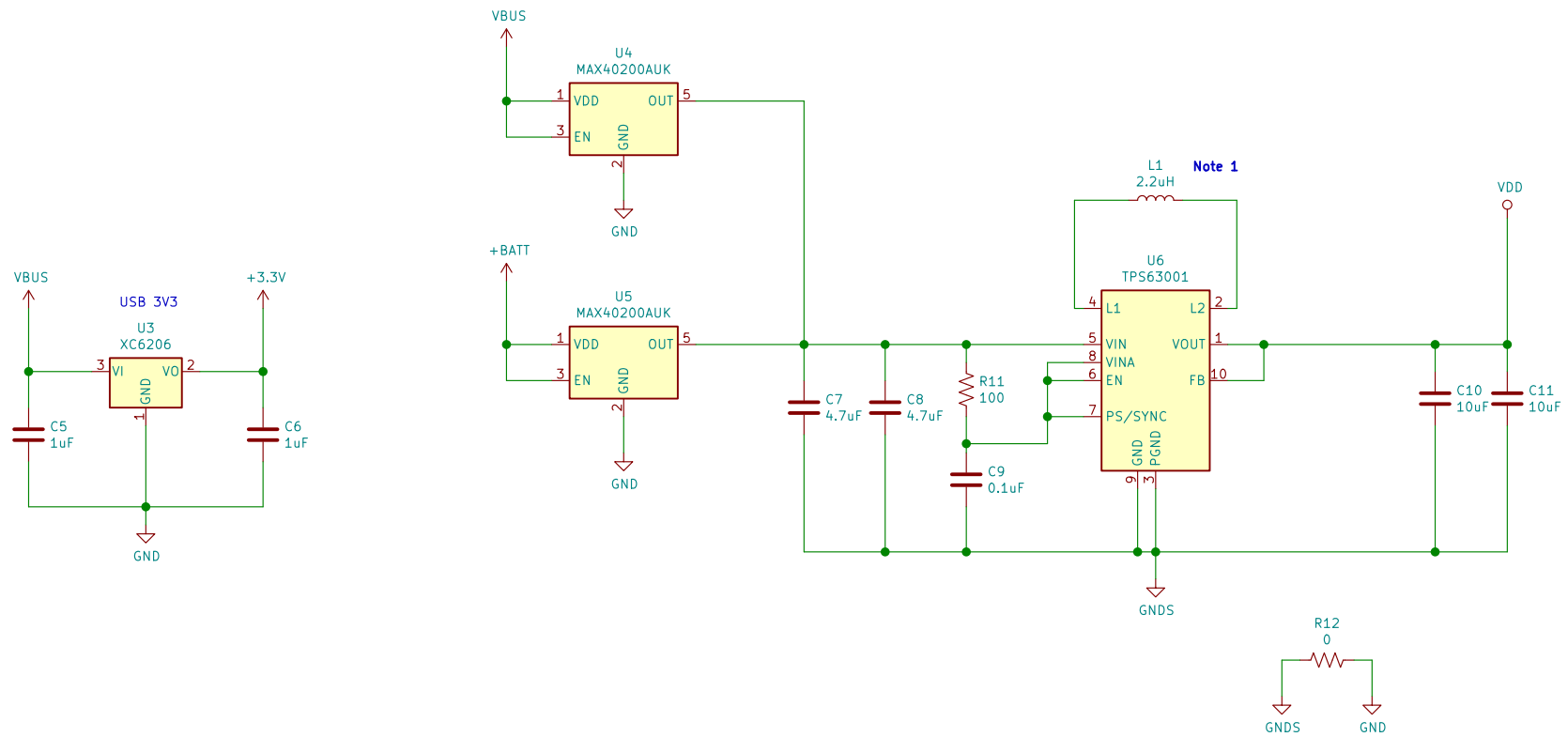
svcguy

Sheet: /10/
File: io.sch

Title: LoRaWAN Feather

Size: A4 Date: 2019-11-17
KiCad E.D.A. kicad (5.1.4)-1

Rev: A0
Id: 2/8



Note 1 - L5: Murata LQH3 or equivalent. Digikey MPN 490-16856-1



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svcguy

Sheet: /Power/
File: power.sch

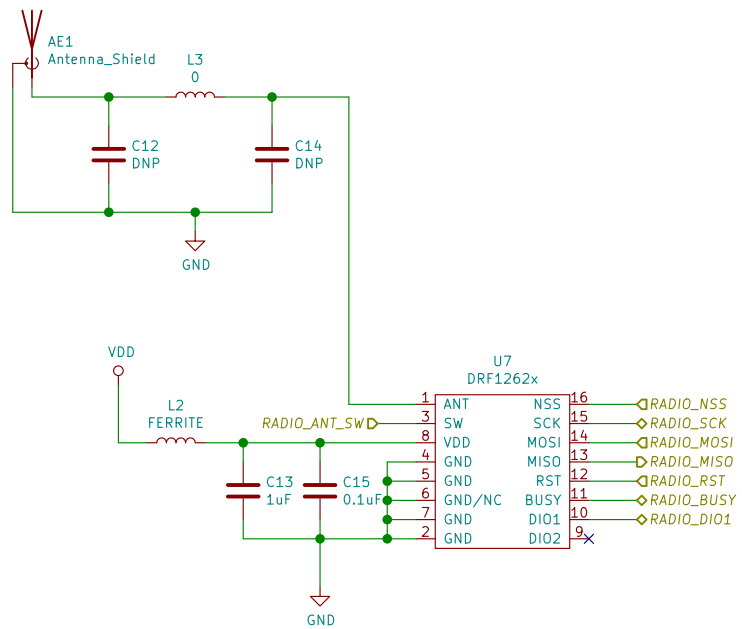
Title: LoRaWAN Feather

Size: A4 Date: 2019-11-17

KiCad E.D.A. kicad (5.1.4)-1

Rev: A0

Id: 3/8



<https://www.adafruit.com/feather>



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Sheet: /Radio/
File: radio.sch

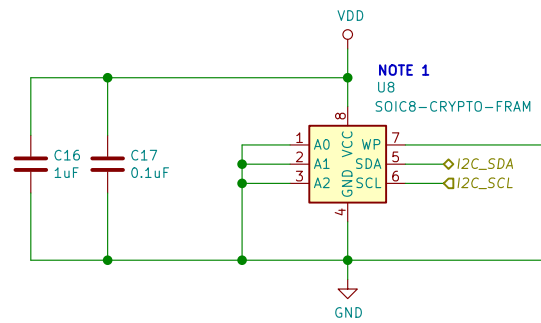
Title: LoRaWAN Feather

Size: A4 Date: 2019-11-17

Rev: A0

KiCad E.D.A. kicad (5.1.4)-1

Id: 4/8



Note 1: U8 can be fitted with either ATECC608A crypto or FM24CL04B FRAM



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Sheet: /Secure Element/
File: secure-element.sch

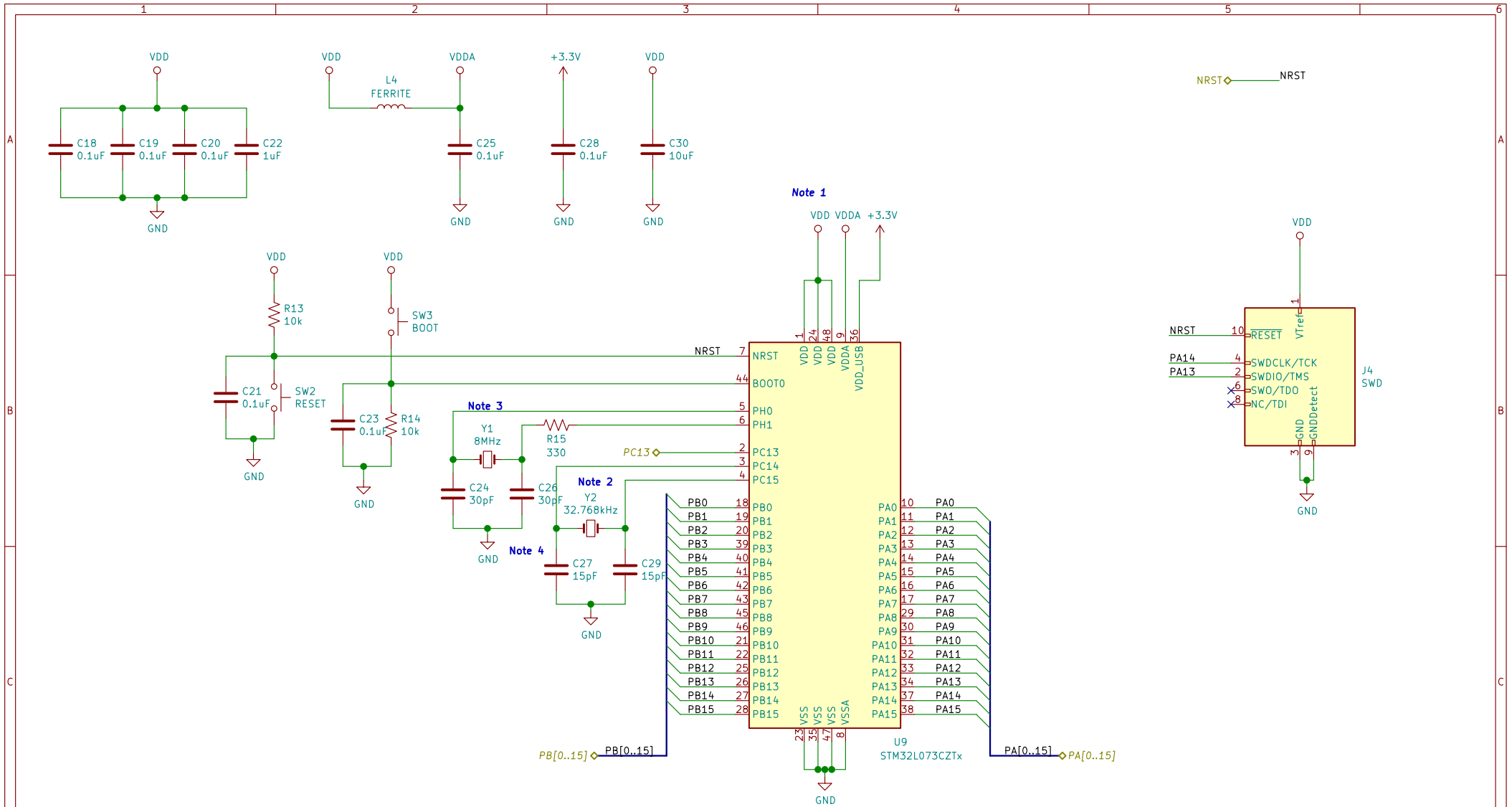
Title: LoRaWAN Feather

Size: A4 Date: 2019-11-17

KiCad E.D.A. kicad (5.1.4)-1

Rev: A0

Id: 5/8







Note 1: VDD is system voltage (nominal 3.3V). 3.3V is USB voltage supplied separate from VDD

Note 2: Use crystal with 12.5pF load capacitance

Note 3: Use crystal with 20pF load capacitance

Note 4: Crystal loading capacitors calculated with the following formula: $C = 2 * CL - 2 * C_{stray}$

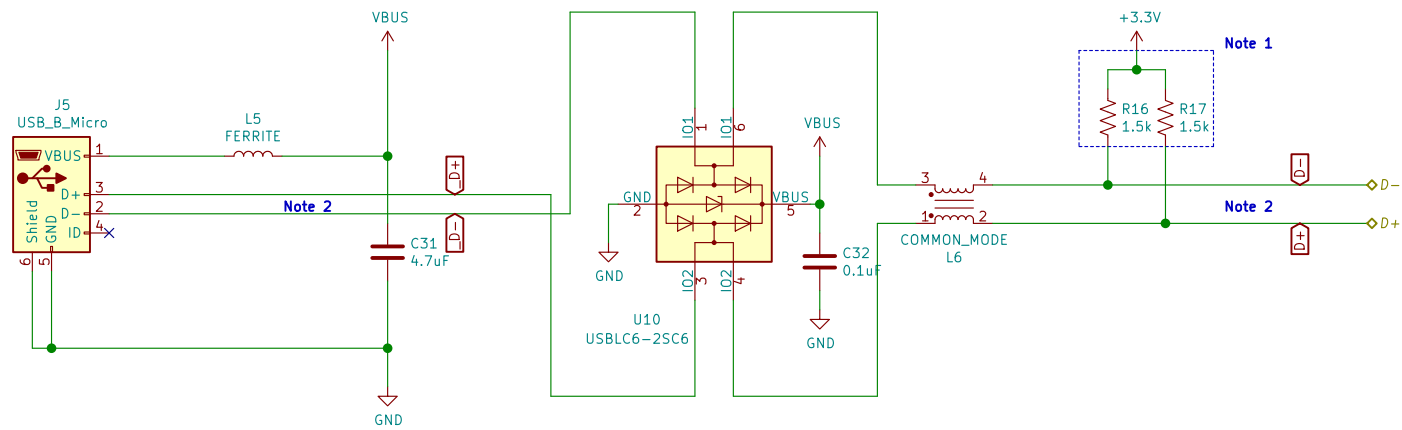
<https://www.adafruit.com/feather>

svcguy
 Sheet: /uC/
 File: uC.sch





Title: LoRaWAN Feather

Size: A4	Date: 2019-11-17
KiCad E.D.A. kicad (5.1.4)-1	
Rev: A0	
Id: 6/8	



Note 1: Populate as required by microcontroller hardware
 Note 2: 90-ohm differential pairs

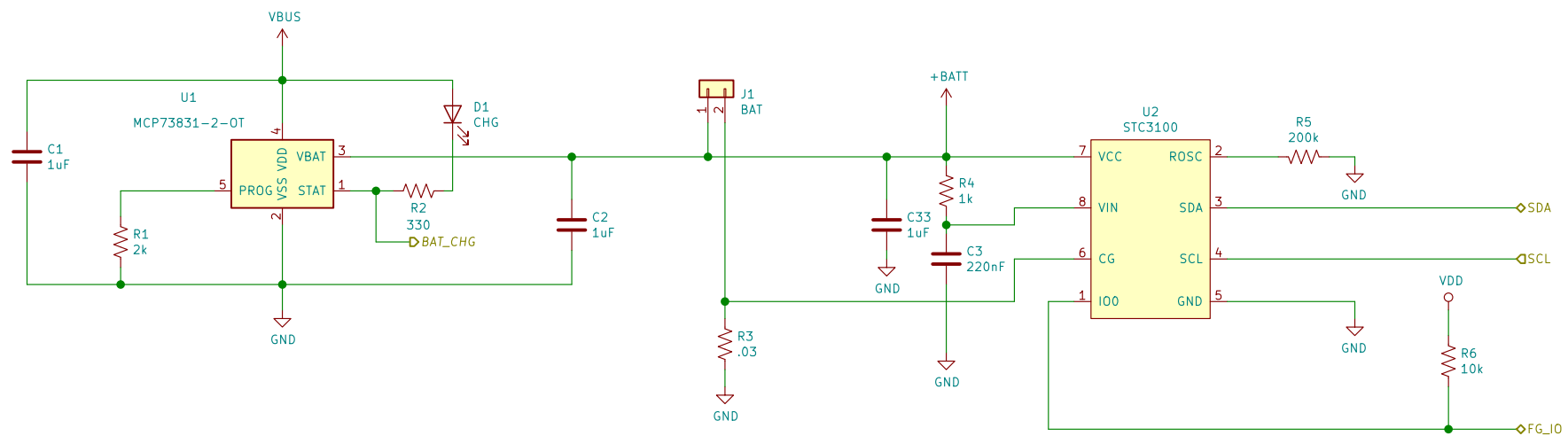
<https://www.adafruit.com/feather>

svcguy
 Sheet: /USB/
 File: usb.sch

Title: LoRaWAN Feather

Size: A4	Date: 2019-11-17	Rev: A0
KiCad E.D.A. kicad (5.1.4)-1		Id: 7/8



<https://www.adafruit.com/feather>



svcguy

Sheet: /Battery/
File: battery.sch

Title: LoRaWAN Feather

Size: A4 Date: 2019-11-17
KiCad E.D.A. kicad (5.1.4)-1

Rev: A0
Id: 8/8