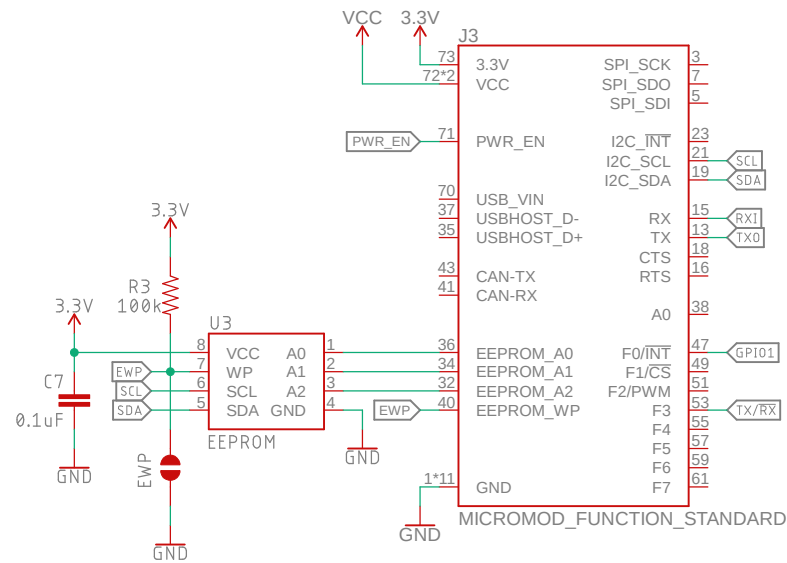
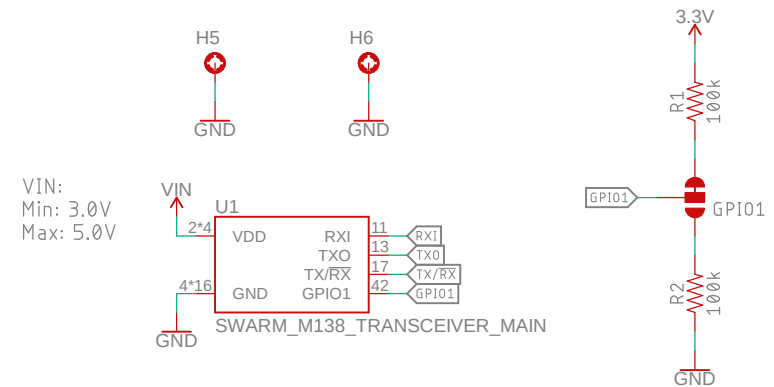


## MicroMod Connections



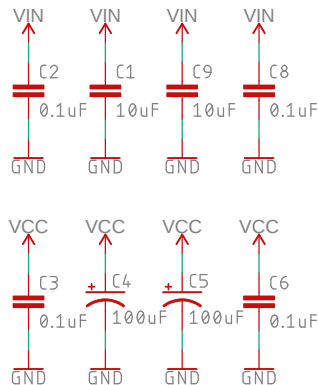
## Swarm M138



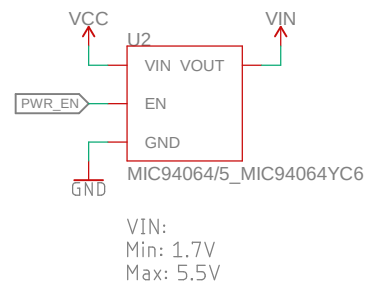
Current Draw @ 3.3V:  
Sleep: Modem: 80µA Peak  
RX: 26mA Typ. / 40mA Peak  
TX: 850mA Typ. / 1000mA Peak

Current Draw @ 5.0V:  
Sleep: Modem: 110µA Peak  
RX: 25mA Typ. / 45mA Peak  
TX: 550mA Typ. / 600mA Peak

## Power Decoupling



## Power Switch



**SPARK X**

**open hardware**



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Special Instructions

TITLE: Satellite\_Transceiver\_Function\_Board\_\_Swarm\_M138

Design by: Paul Clark

REV:  
x03

Date: 26/05/2022 12:33

Sheet: 1/1