


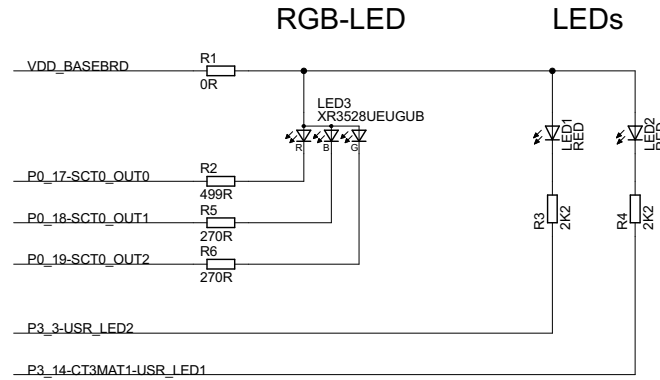
Page 2: LEDs and Push-buttons  
Page 3: Accelerometer 3-axis  
Page 4: Optional ePaper Display  
Page 5: IoT Module Connectors  
Page 6: Click module and Arduino sheild connectors  
Page 7: DAP-LINK Debug Interface  
Page 8: Powering

UL = UnLoaded = normally not mounted component.

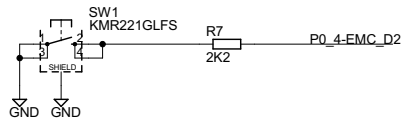
Default jumper settings are indicated in the schematic.  
However, always check jumper positions on actual boards  
since there is no guarantee that all jumpers are in default place.

Rev A	
First release	
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TITLE: IoT Mini Prototype Board rev A	
Document Number:	
Date: 2018-04-18 20:48:47	Sheet: 1/8

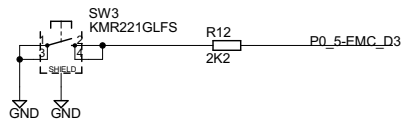
# LEDs and Push-buttons



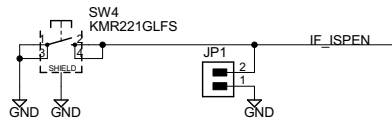
ISP0 button



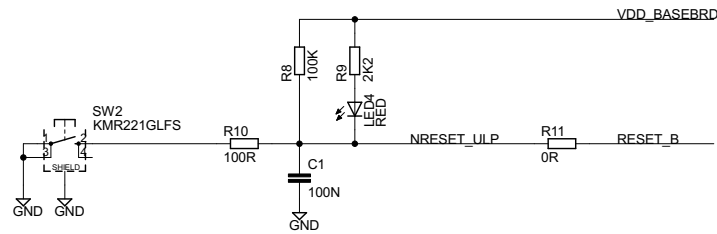
ISP1 button



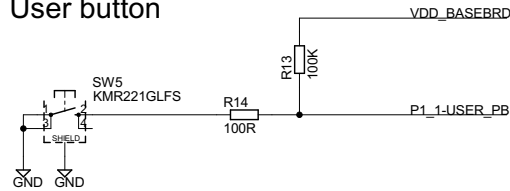
ISP2 button



RESET push-button and LED



User button



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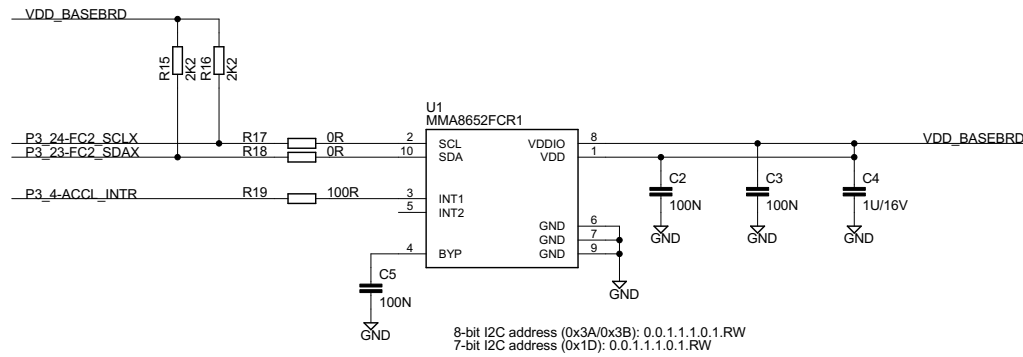
TITLE: IoT Mini Prototype Board rev A

Document Number:

Date: 2018-04-18 20:48:47

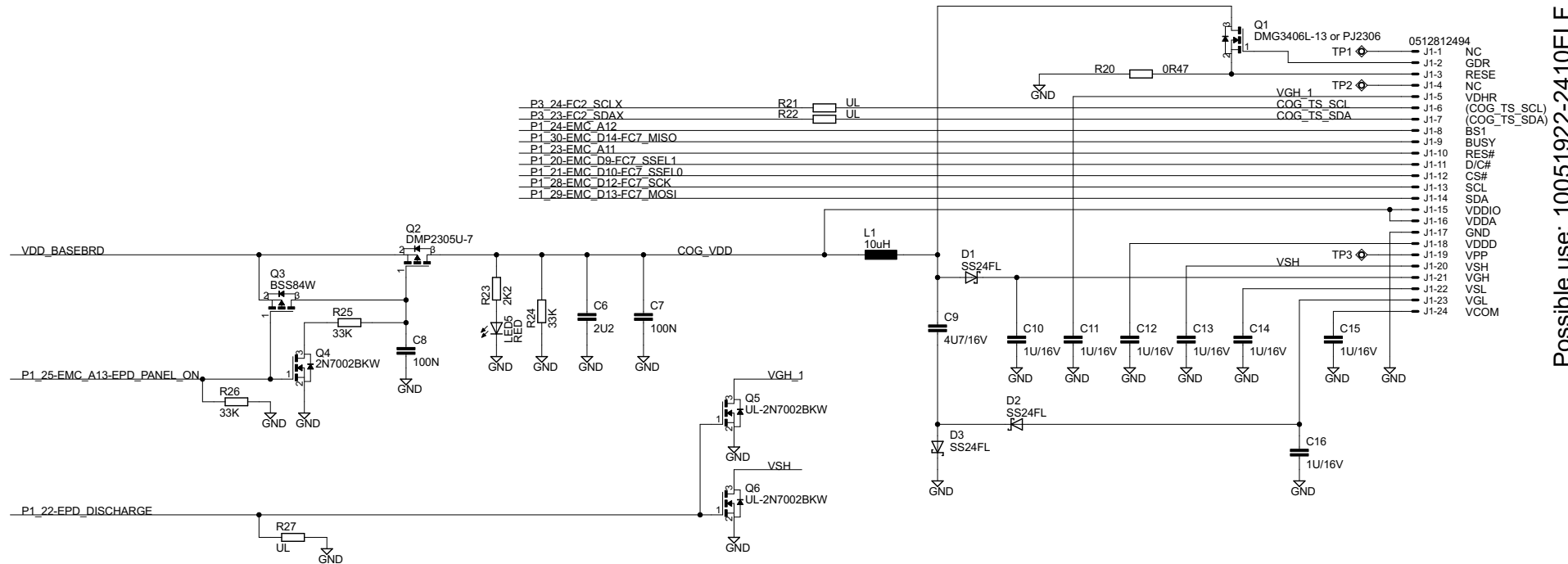
Sheet: 2/8

# Accelerometer 3-axis




Optional ePaper Display

PDI Panel: E2266FS092  
2.66inch 3-ColorsTFT EPD Panel

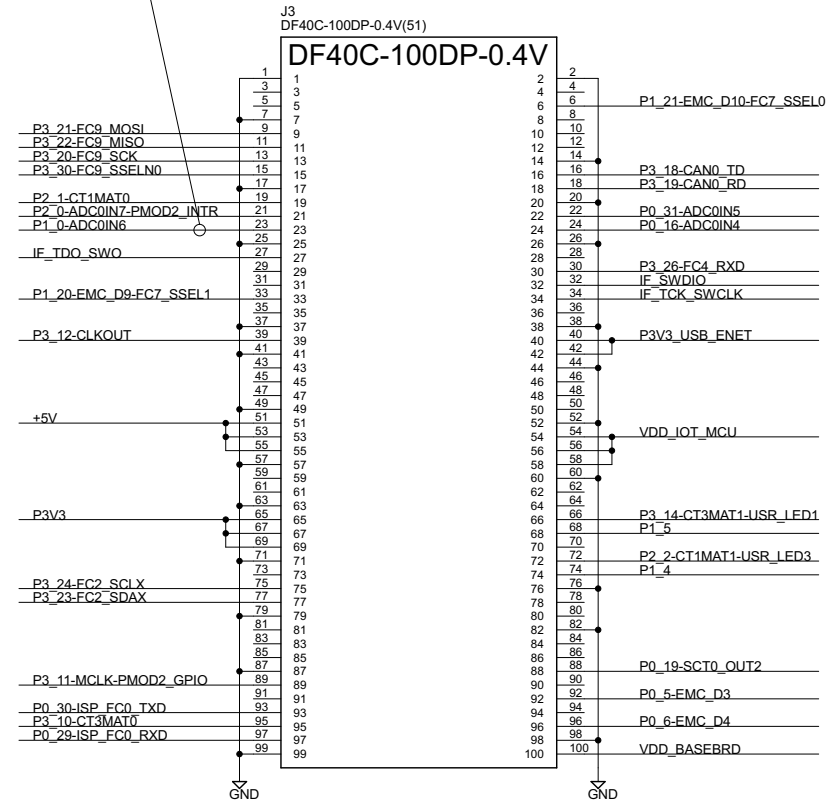
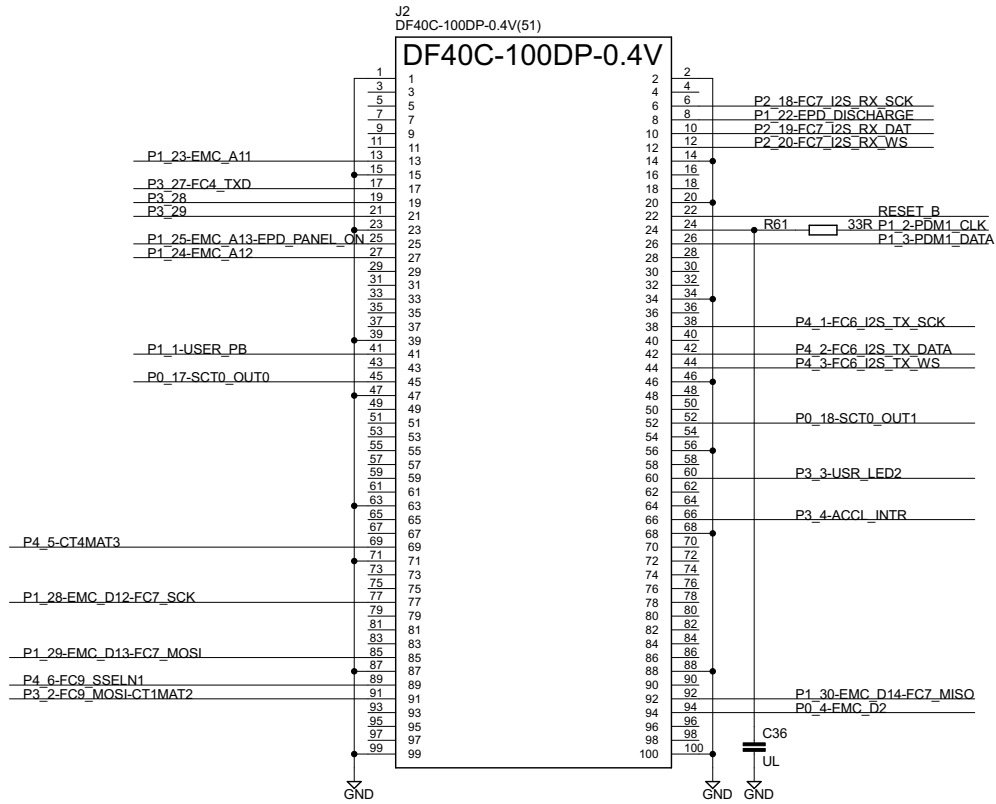


Possible use: 10051922-2410ELF

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 TITLE: IoT Mini Prototype Board rev A  
 Document Number:  
 Date: 2018-04-18 20:48:47 Sheet: 4/8

# IoT Module Connectors

Note: Due to a schematic error, J3 pin 23 is grounded when an LPC54018 IoT Module is mounted in J2/J3!



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TITLE: IoT Mini Prototype Board rev A

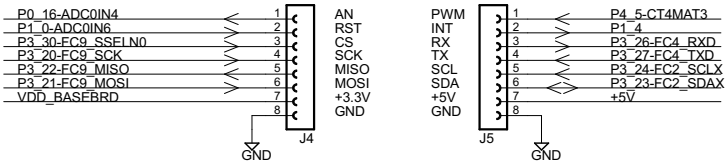
Document Number:

Date: 2018-04-18 20:48:47

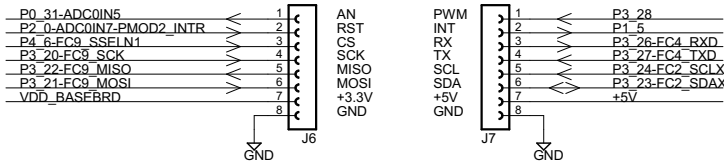
Sheet: 5/8

Click module and Arduino shield connectors

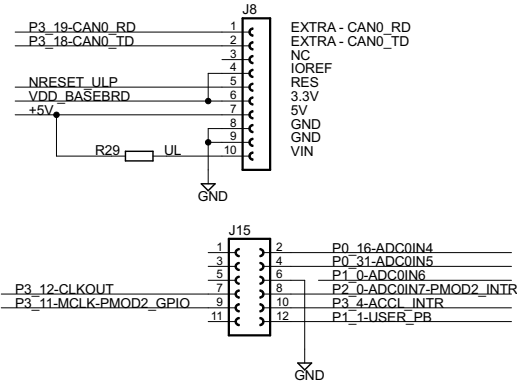
Click Module #1



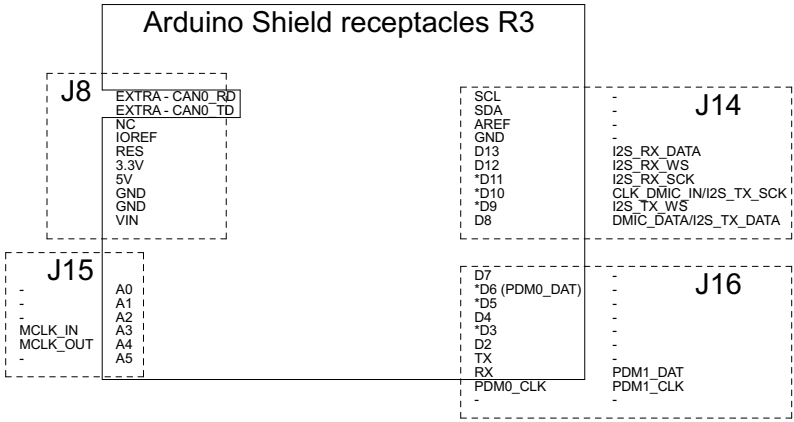
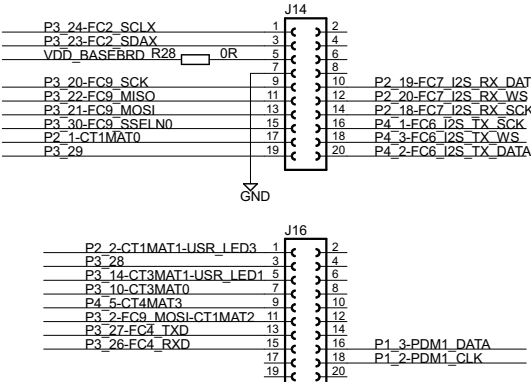
Click Module #2



Arduino Shield receptacles R3



Note: Due to a schematic error, J15 pin 6 is grounded when an LPC54018 IoT Module is mounted in J2/J3!



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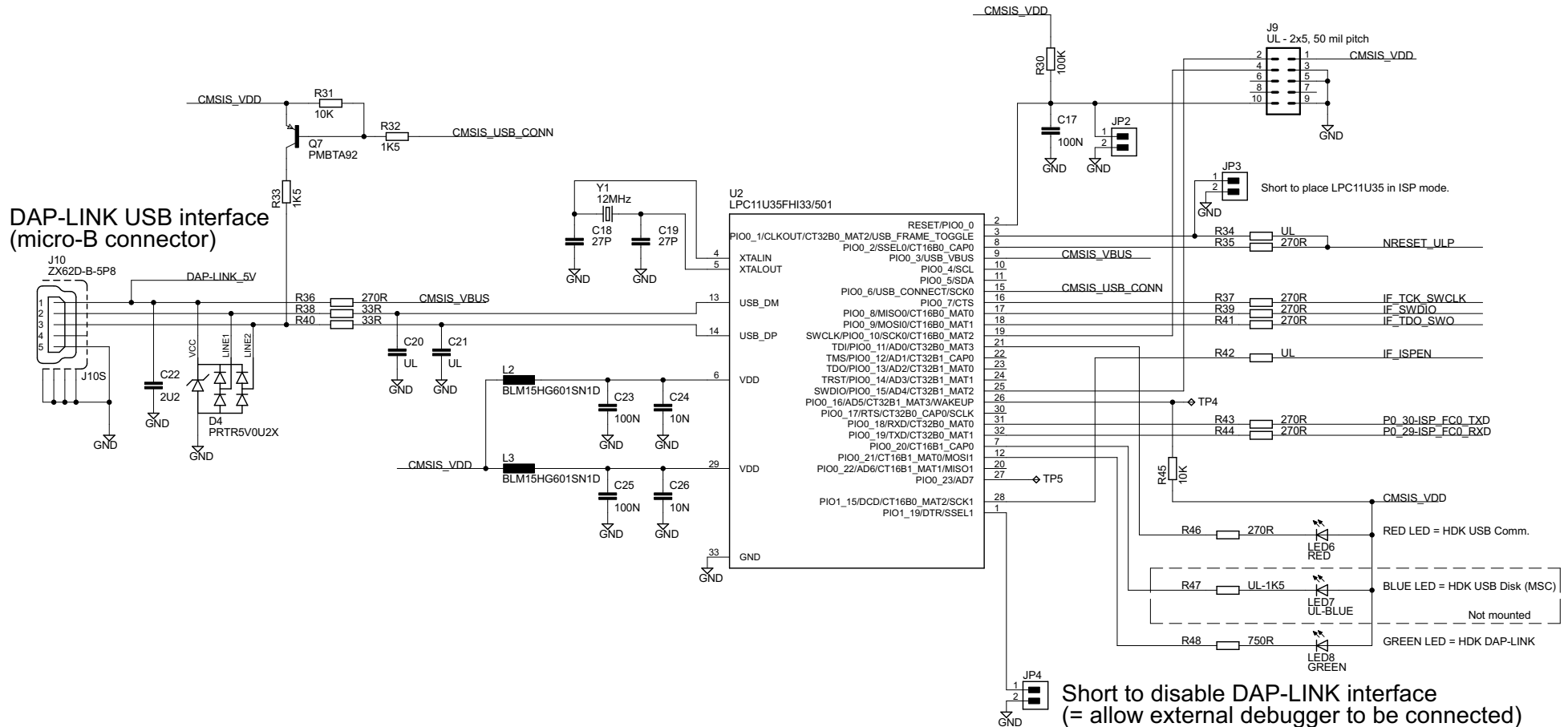
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Date: 2018-04-18 20:48:47

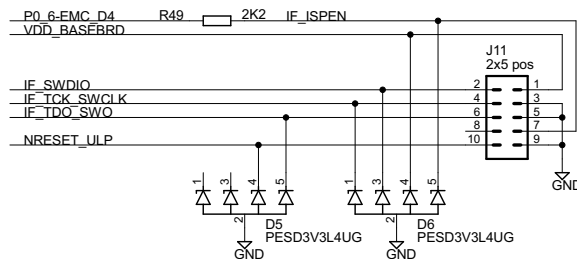
Sheet: 6/8

# DAP-LINK Debug Interface

## DAP-LINK USB interface (micro-B connector)



## IoT Debug



10 pos (50 mil pitch) connector  
ARM 10-pin interface Serial Wire Mode



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TITLE: IoT Mini Prototype Board rev A

Document Number:

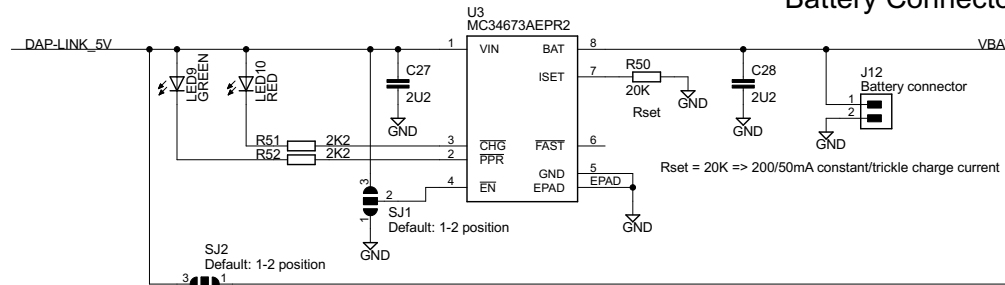
Date: 2018-04-18 20:48:47

Sheet: 7/8

# Powering

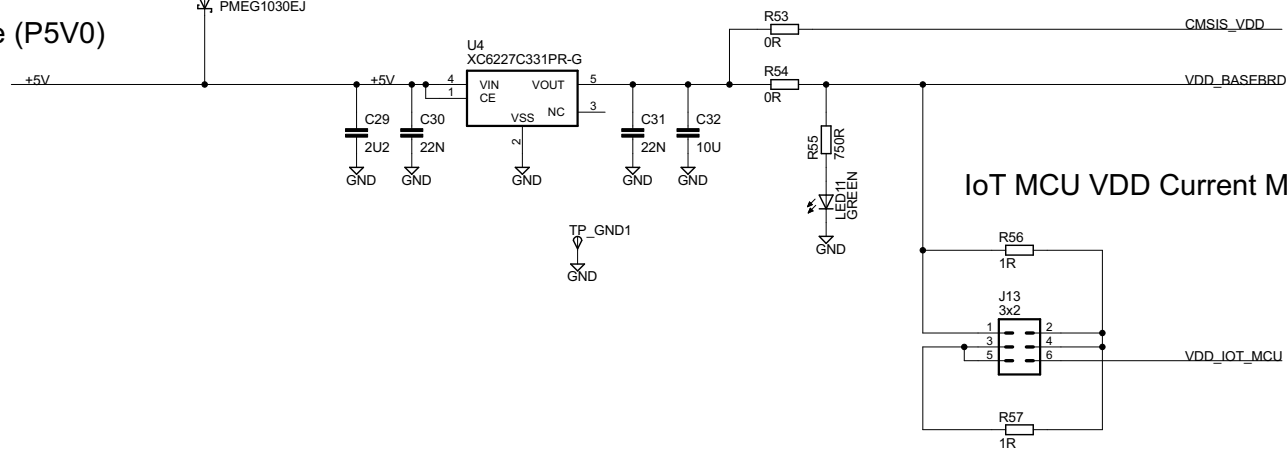
## Li-PO Battery Charger

## Battery Connector



## 3.3V power supply, 700mA

5V from IoT module (P5V0)



## IoT MCU VDD Current Measurement

Default: Position 5-6 shunted/shorted



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TITLE: IoT Mini Prototype Board rev A

Document Number:

Date: 2018-04-18 20:48:47

Sheet: 8/8