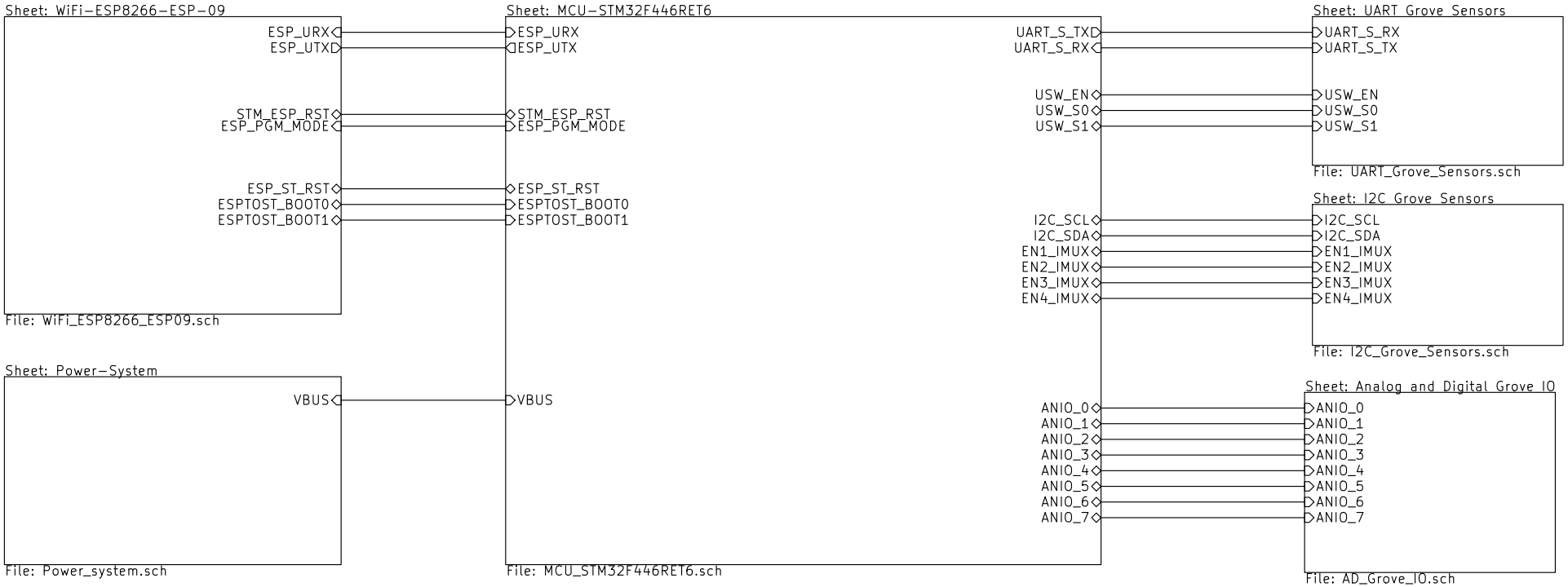
SunLeaf 0.2a System Overview



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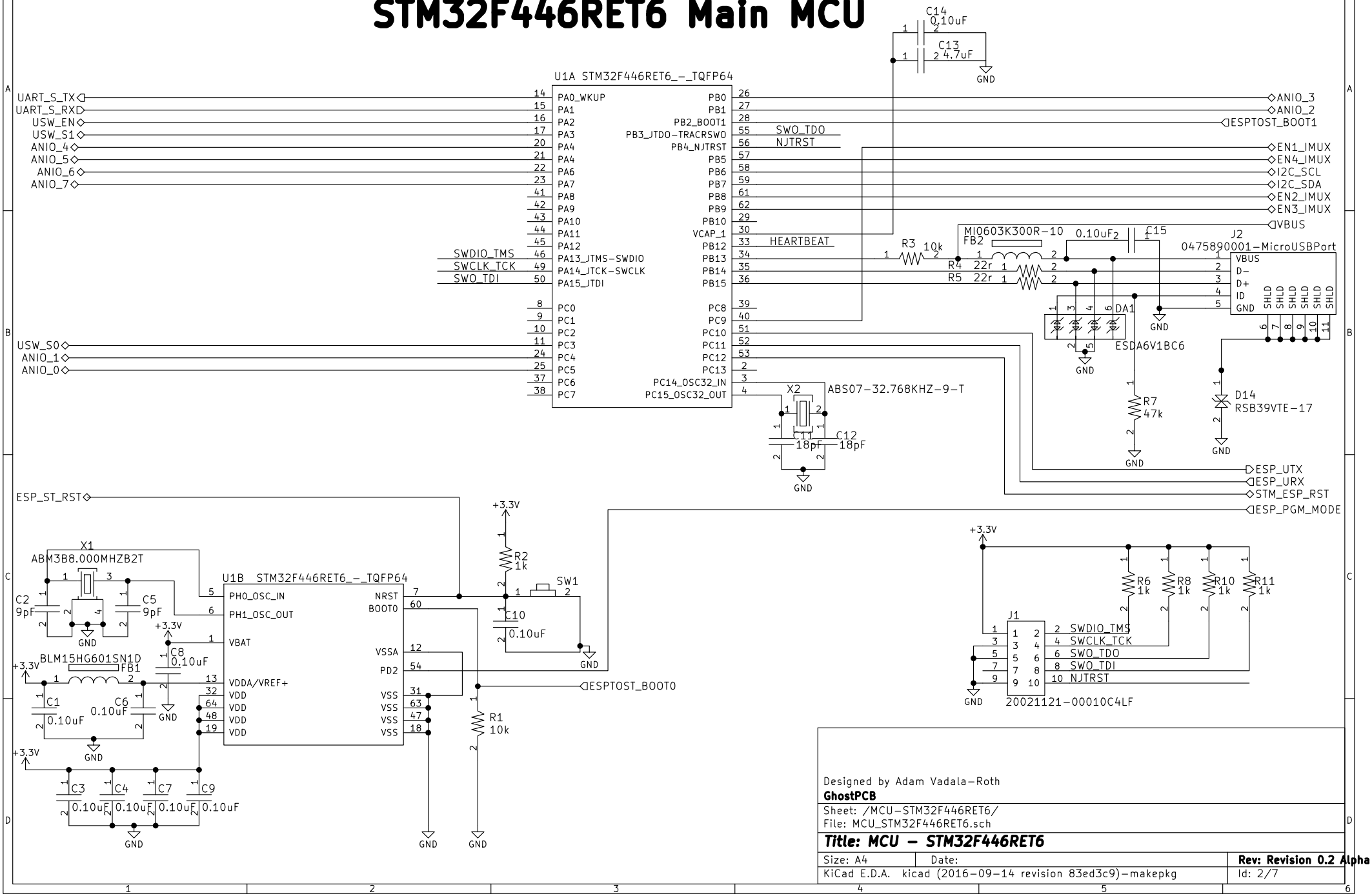
Sheet: /
File: SunLeaf_V2.sch

Title: SunLeaf 0.2a

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016–09–14 revision 83ed3c9)–makepkg		Id: 1/7

STM32F446RET6 Main MCU



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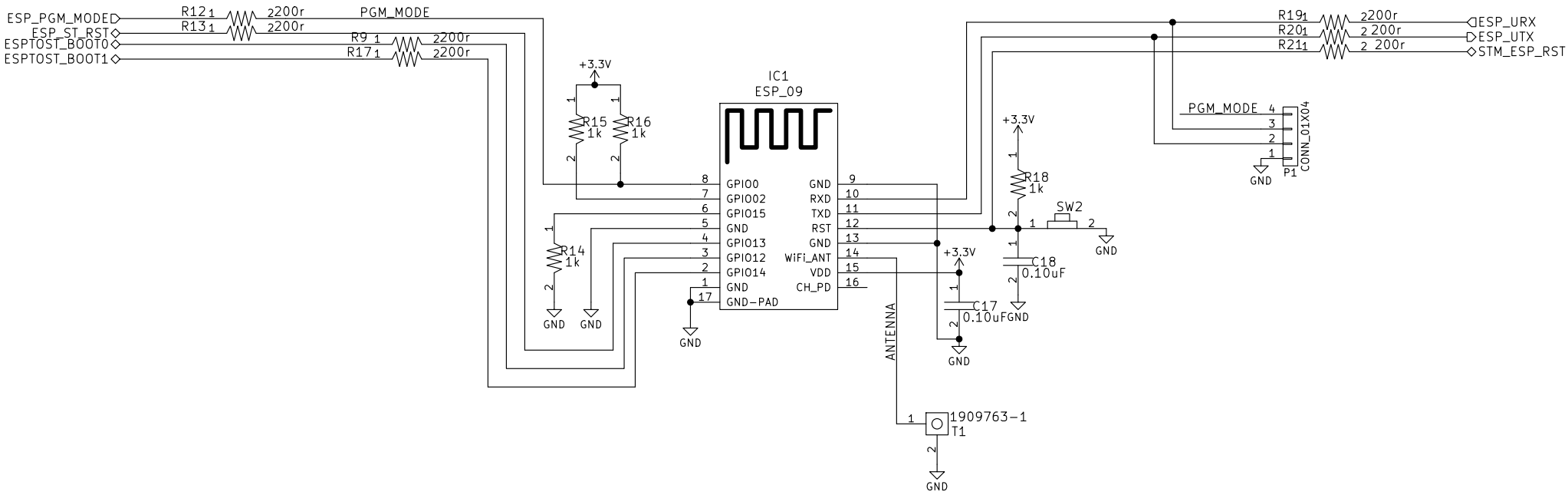
Sheet: /MCU-STM32F446RET6/

File: MCU_STM32F446RET6.sch

Title: MCU - STM32F446RET6

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg		Id: 2/7

ESP-09 ESP8266 WiFi RF Module



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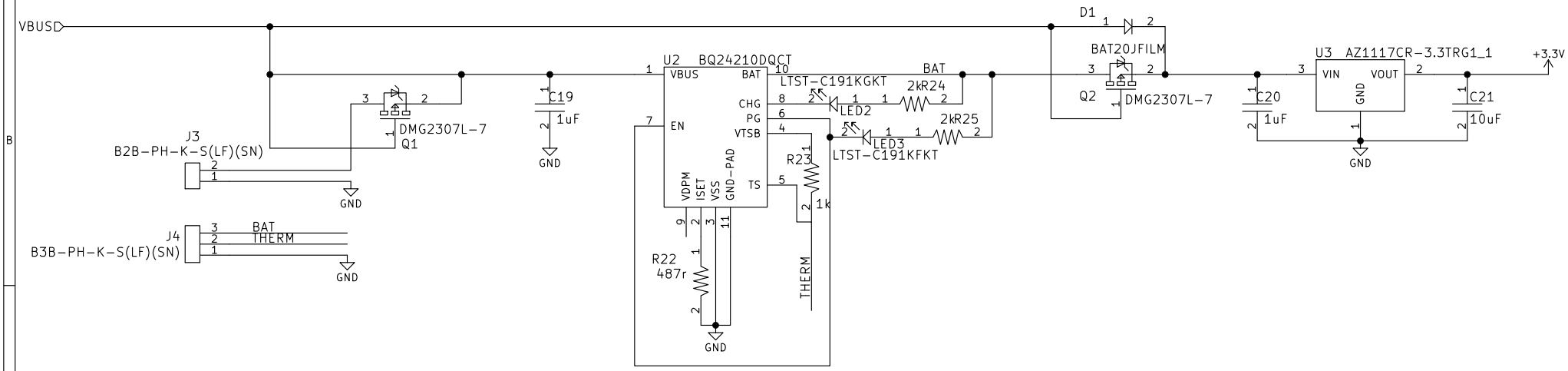
Sheet: /WiFi-ESP8266-ESP-09/
File: WiFi_ESP8266_ESP09.sch

Title: WiFi ESP8266 ESP-09 Module

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg		Id: 3/7

Battery Charge Controller and Power Supply



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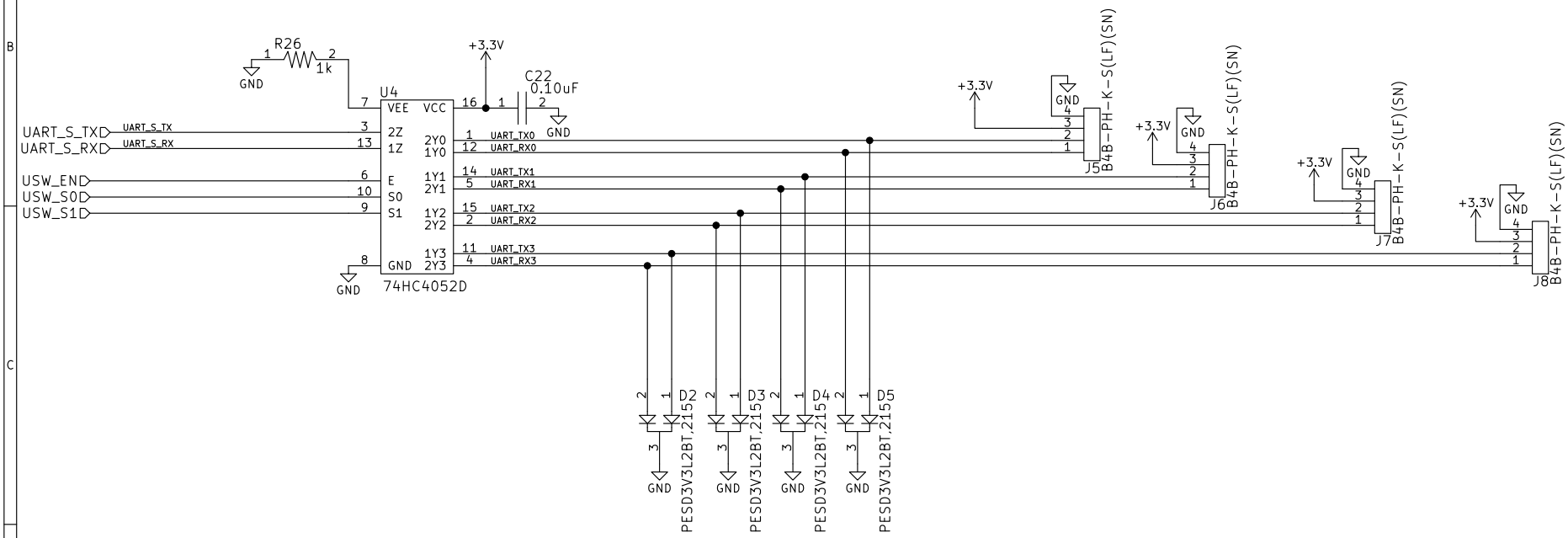
Sheet: /Power-System/
File: Power_system.sch

Title: Power System - LDO & Solar Battery Charger

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg		Id: 4/7

UART Grove Sensors



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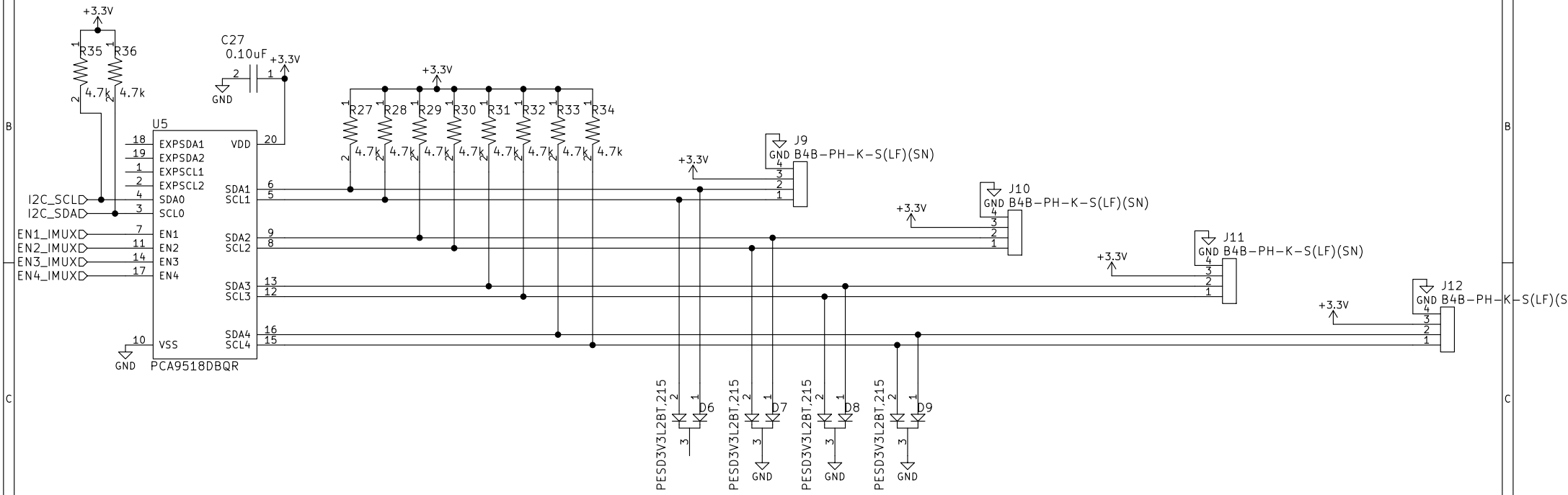
Sheet: /UART Grove Sensors/

File: UART_Grove_Sensors.sch

Title: UART Grove Sensor Ports

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg		Id: 5/7

I2C Grove Sensors



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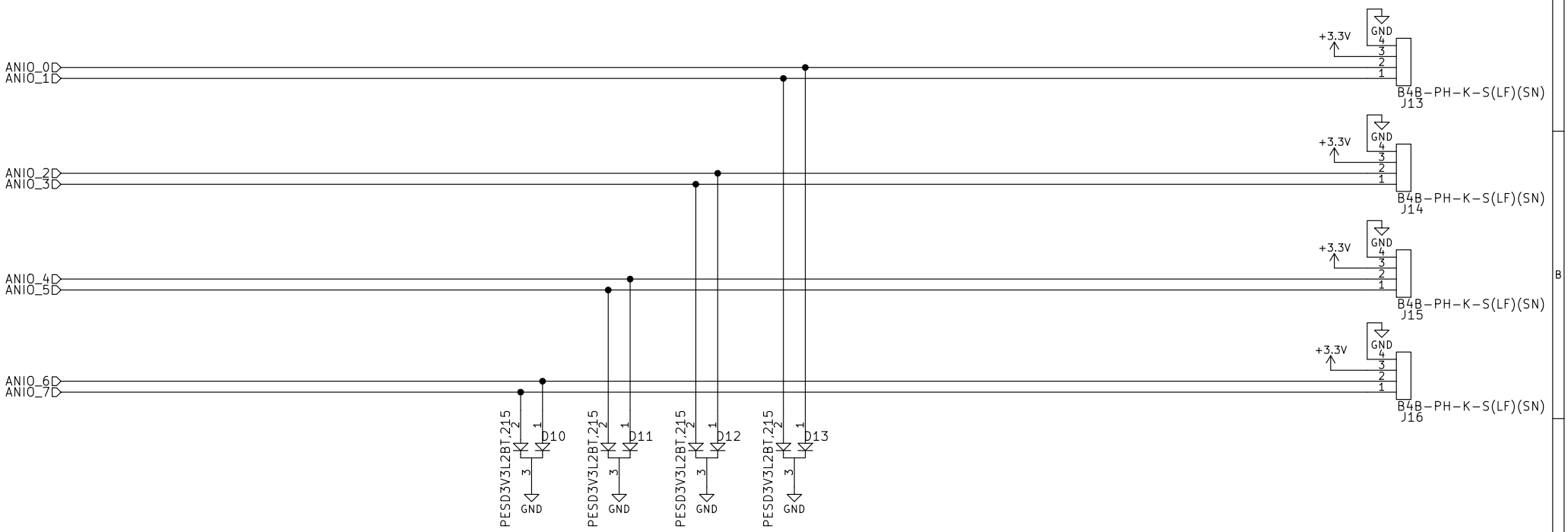
Sheet: /I2C Grove Sensors/
File: I2C_Grove_Sensors.sch

Title: I2C Grove Sensor Ports

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg		Id: 6/7



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Sheet: /Analog and Digital Grove IO/

File: AD_Grove_IO.sch

Title: Analog and Digital Grove IO Ports

Size: A4	Date:	**Rev: Revision 0.2 Alpha**
KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg		Id: 7/7