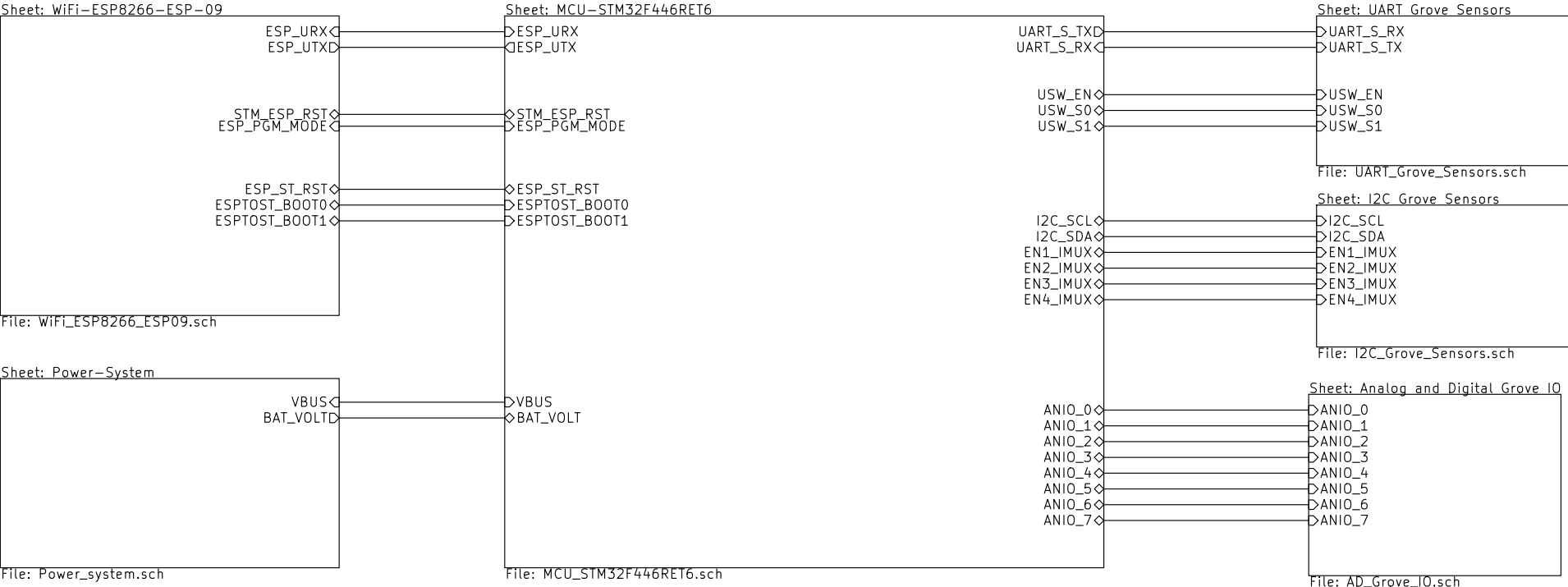


SunLeaf 0.2a System Overview



Designed by Adam Vadala-Roth

GhostPCB

Sheet: /

File: SunLeaf_V2.sch

Title: SunLeaf 0.2a

Size: A4

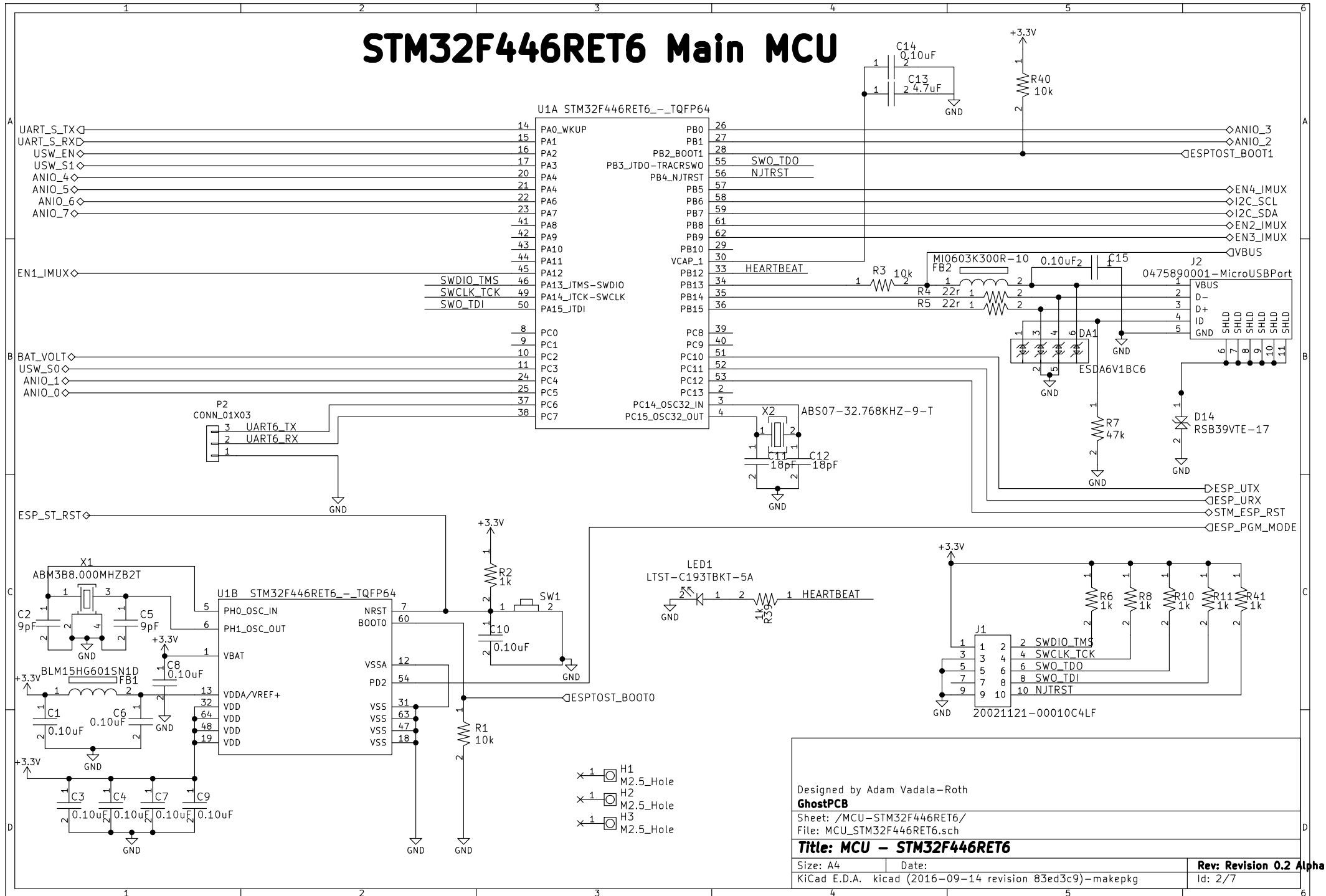
Date:

KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg

Rev: Revision 0.2 Alpha

Id: 1/7

STM32F446RET6 Main MCU



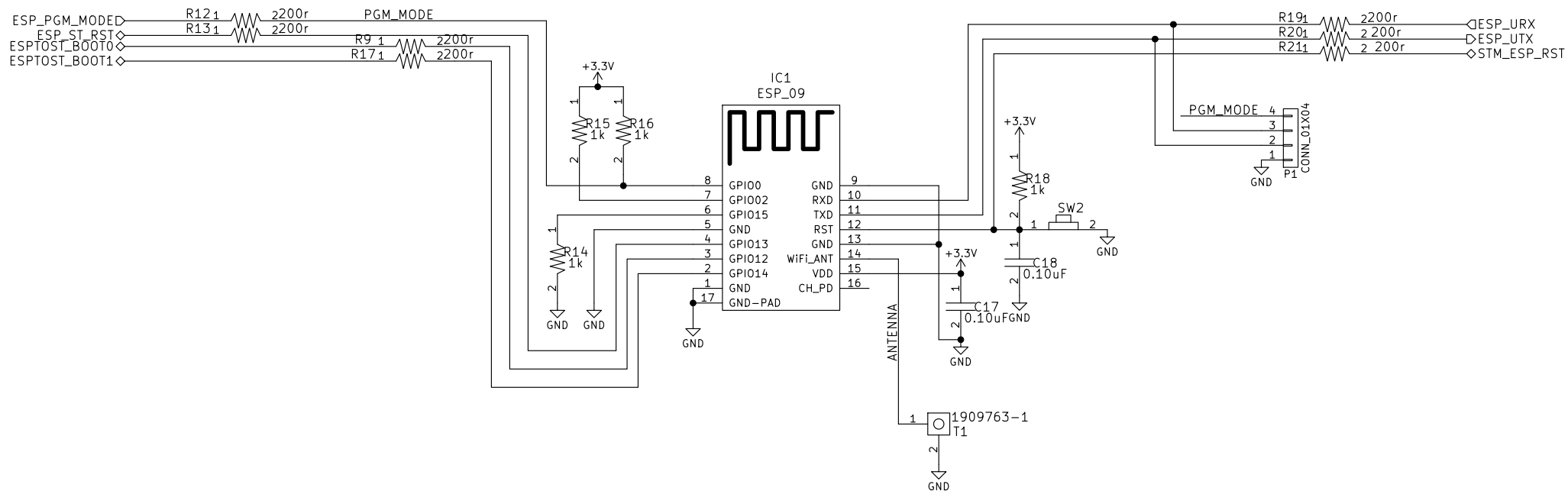
Designed by Adam Vadala-Roth
GhostPCB

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



GhostPCB

Sheet: /WiFi-ESP8266-ESP-09/

File: WiFi_ESP8266_ESP09.sch

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|--|
| Title: WiFi ESP8266 ESP-09 Module |
|--|

Size: A4

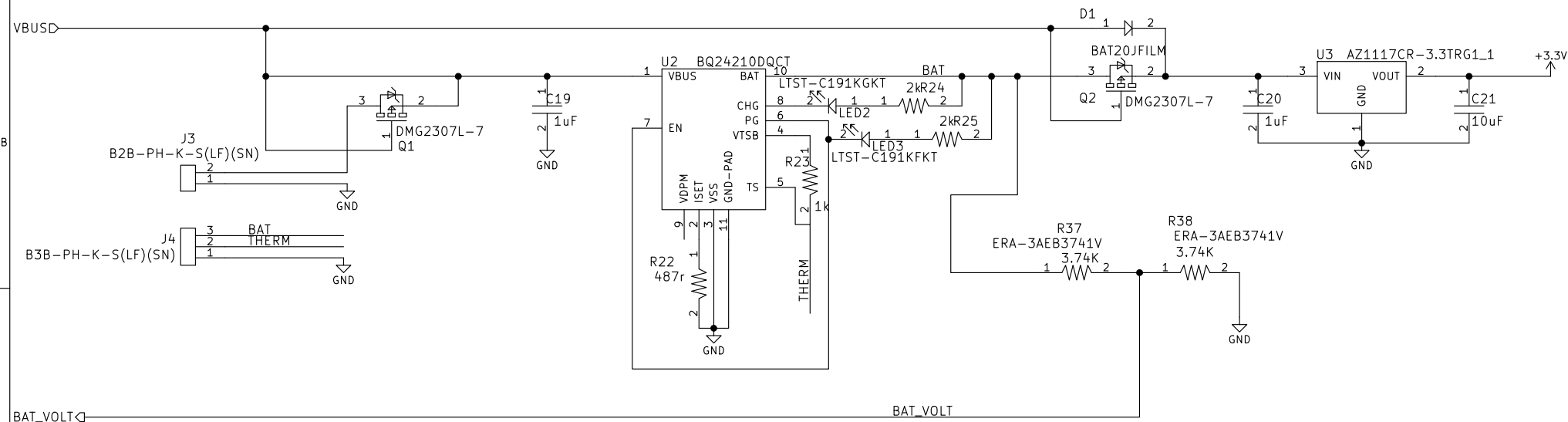
Date:

| | |
|--------------|---|
| KiCad E.D.A. | kiCad (2016-09-14 revision 83ed3c9)-makepkg |
|--------------|---|

Rev: Revision 0.2 Alpha

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

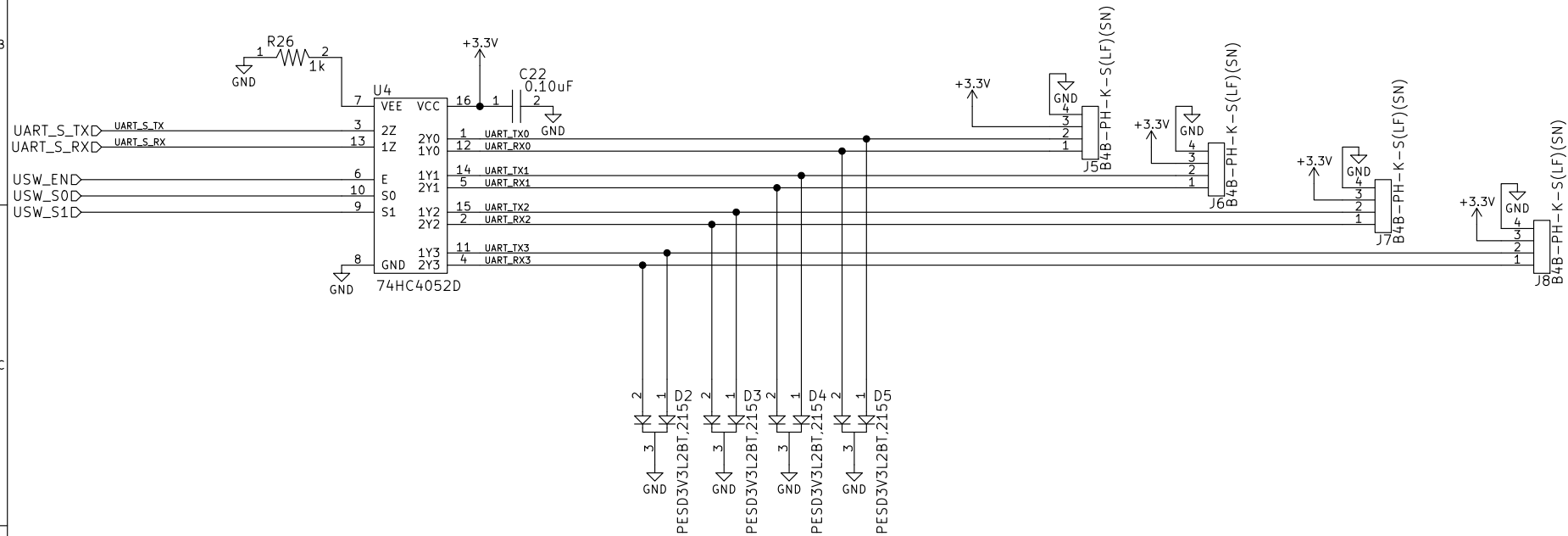
Date:

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

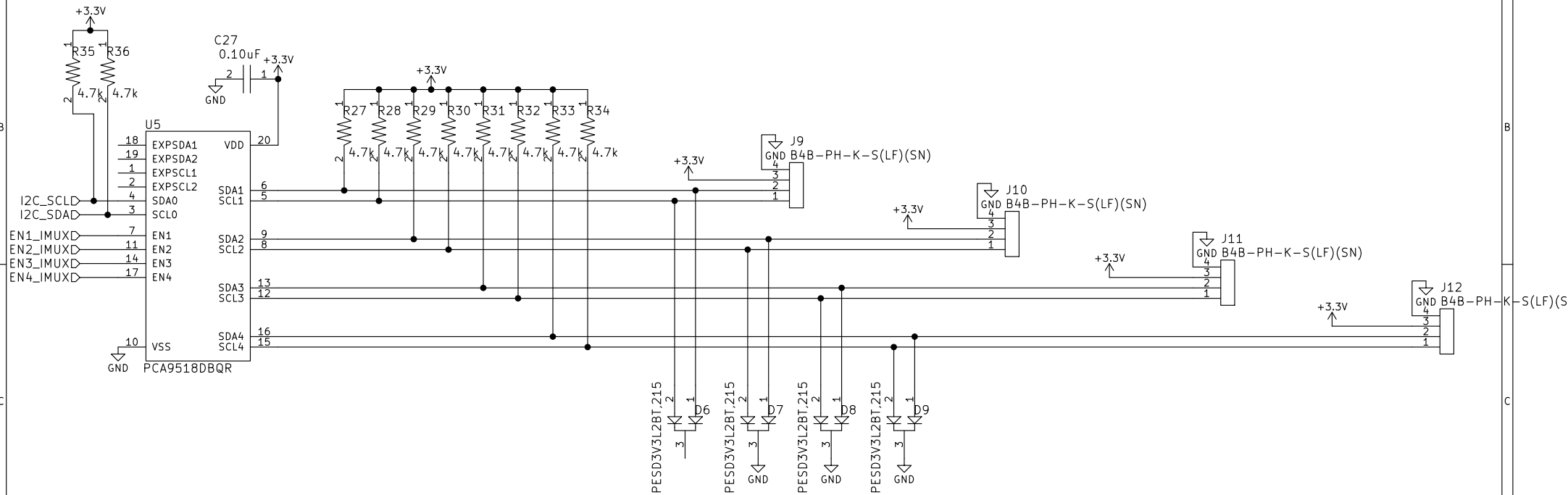
Date:

KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg

Rev: Revision 0.2 Alpha

Id: 5/7

I2C Grove Sensors



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GhostPCB

Sheet: /I2C Grove Sensors/

File: I2C_Grove_Sensors.sch

Title: I2C Grove Sensor Ports

Size: A4

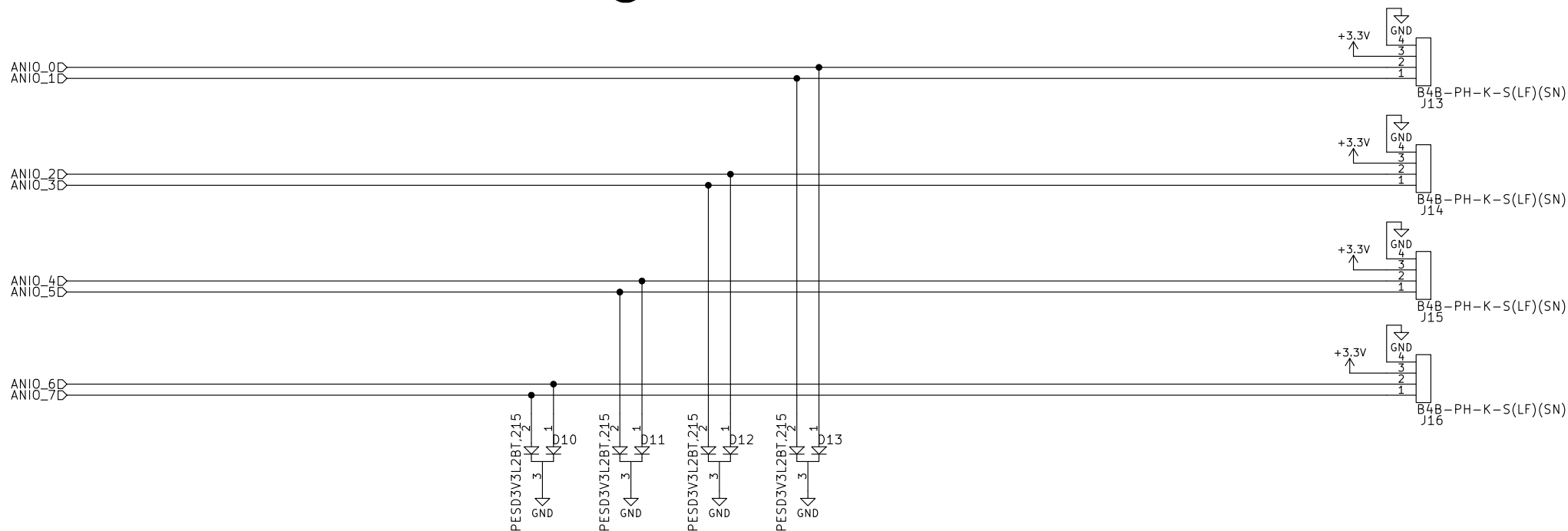
Date:

KiCad E.D.A. kicad (2016-09-14 revision 83ed3c9)-makepkg

Rev: Revision 0.2 Alpha

Id: 6/7

Analog and GPIO Grove



Designed by Adam Vadala-Roth

GhostPCB

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