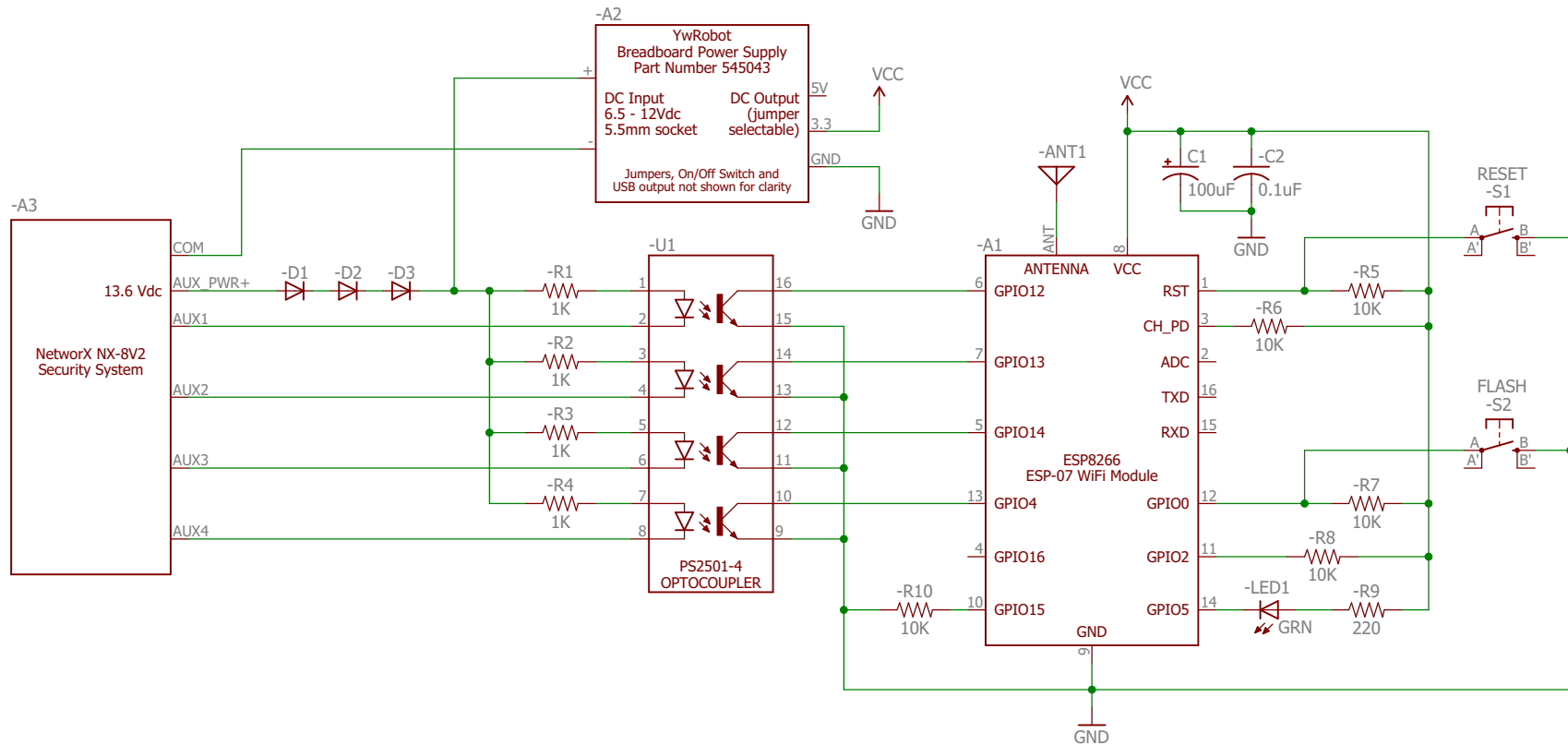


Security System Alarm Monitoring with the ESP-07 Module



NOTES:

1. NX_8V2 AUX outputs will sink about 10mA when an AUX output is activated. Spec max is 50mA.
2. Internal pull-ups are enabled on ESP-07 module's GPIO12, 13, 14 and 4.
3. Diodes -D1 through -D3 are 1N4001.
4. Connect USB/3.3V UART interface RXD, TXD and GND to ESP-07 TXD, RXD and GND for programming.
5. For flashing new firmware, hold down -S2, press and release -S1, then release -S2.
6. If galvanic isolation is desired, use a Delta PC02S1203A isolated DC/DC converter, instead of the YwRobot power supply. Use a 500mA 5x20mm slow-blow fuse on the converter input and a 100uF, 35V electrolytic capacitor on the converter output.

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TITLE: Alarm Monitoring with ESP8266

Design by: tgmaxx

REV:
v04

Date: 2/11/2016 6:41 PM

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