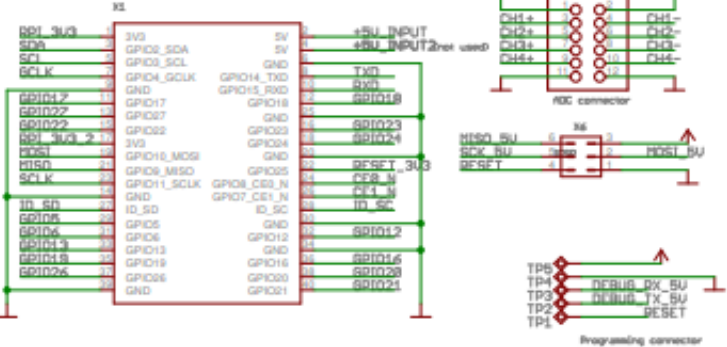
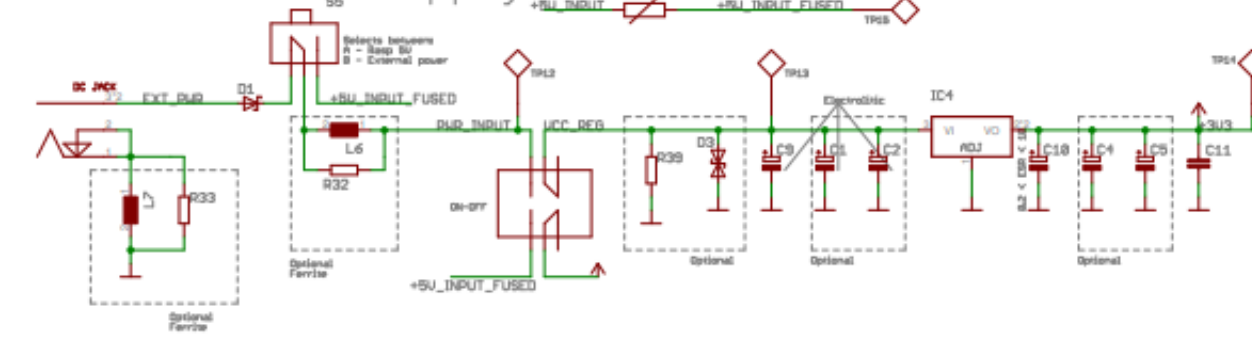


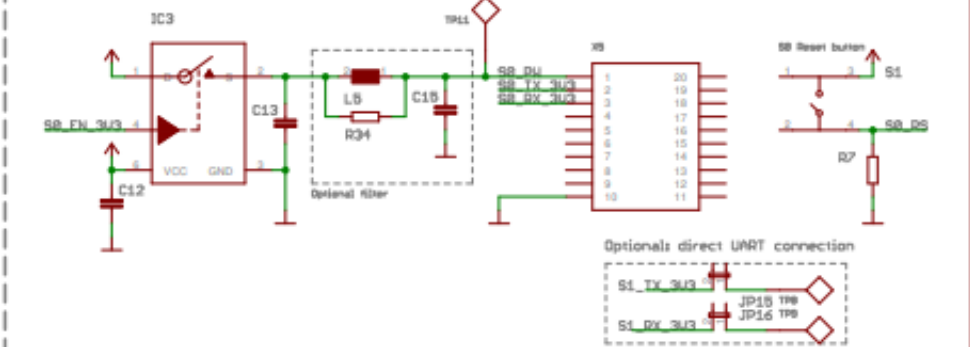
I / O Connectors



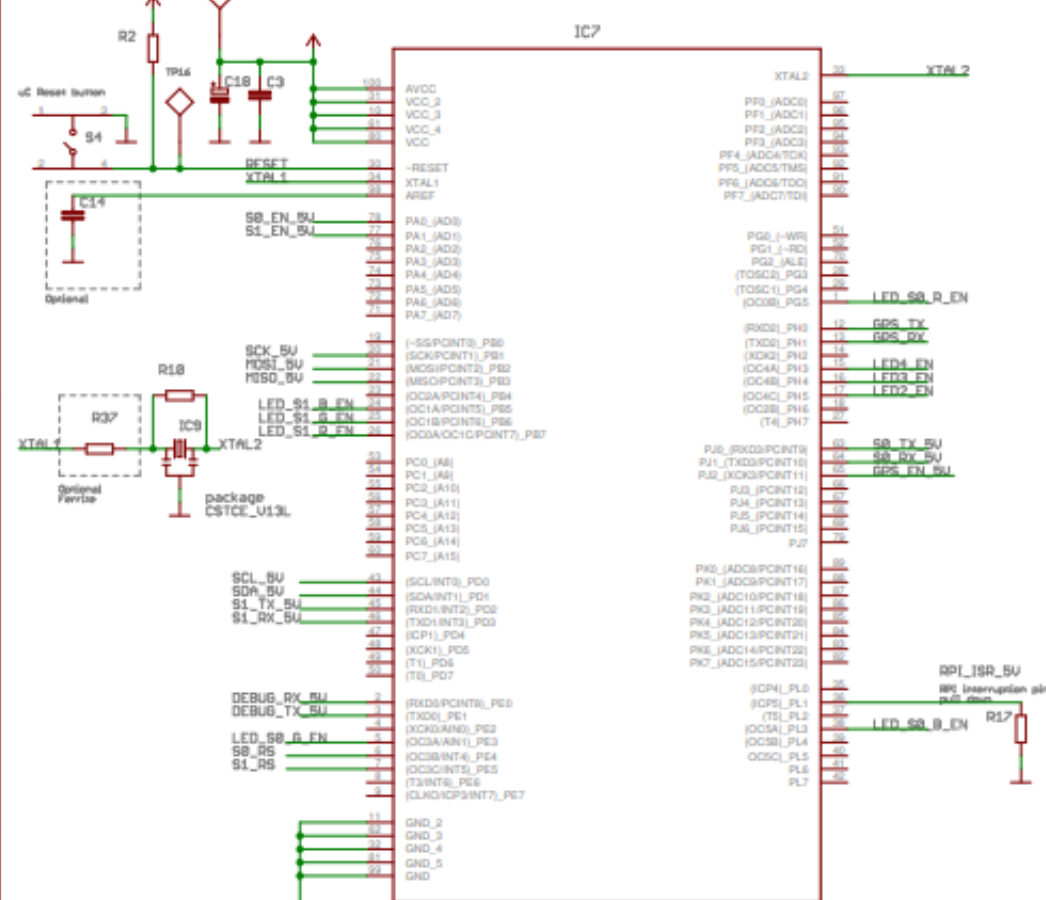
Main board 3v3 supply



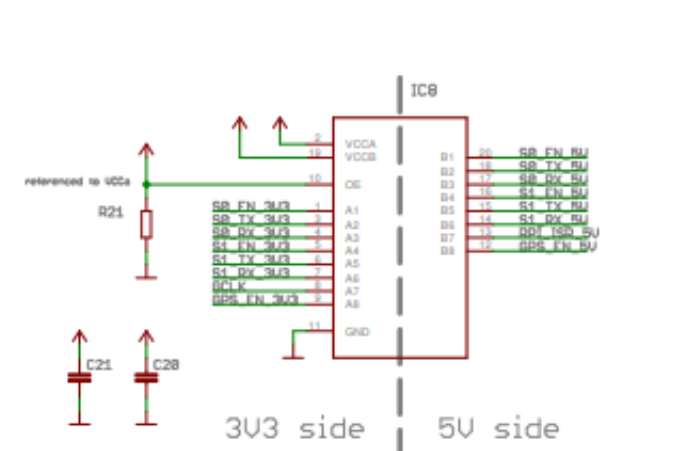
Socket 0



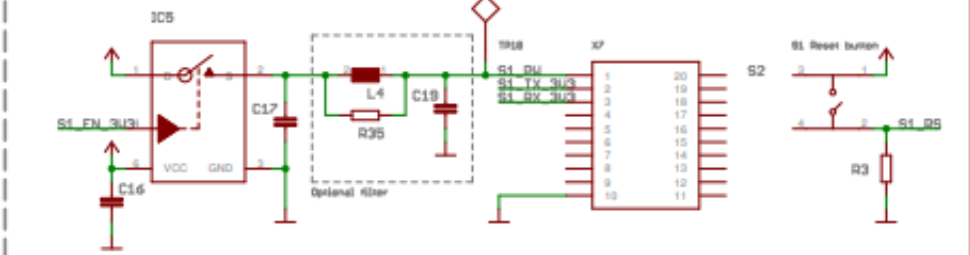
Main control unit



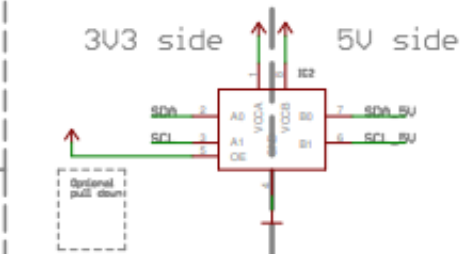
Level shifter 5V - 3V3



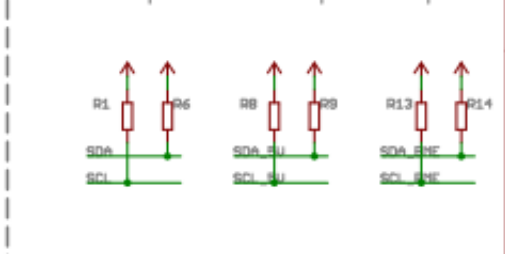
Socket 1



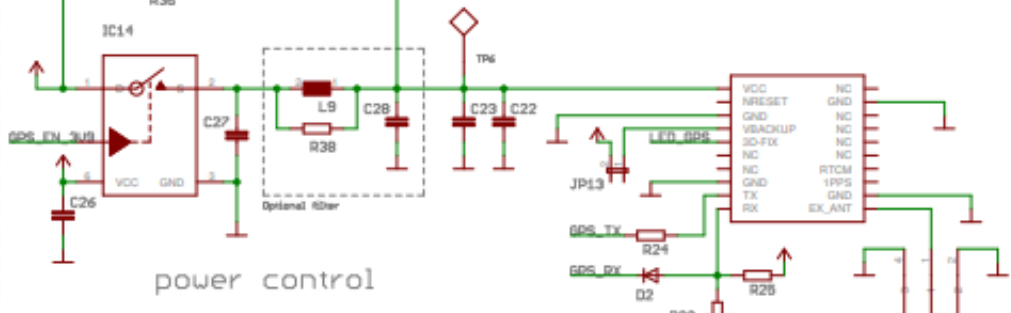
I2C isolation



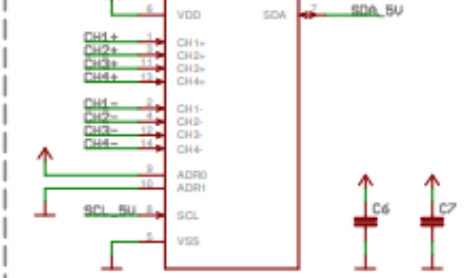
I2C optional pullup



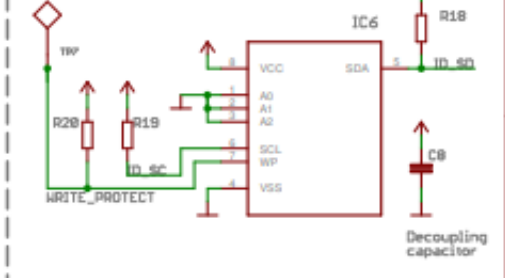
GPS Module



ADC



EEPROM MEMORY



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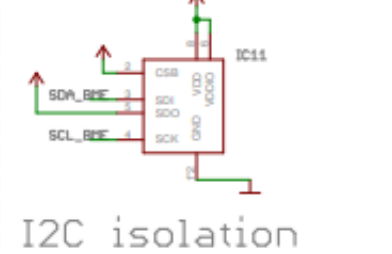
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Contributors:
Libelium Comunicaciones Distribuidas S.L. - Initial prototype

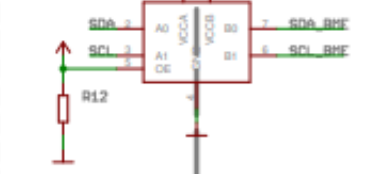
Attribution to be provided to the "Eclipse Agail Project"
<https://projects.eclipse.org/projects/iot.agail>

SPDX-License-Identifier: CC-BY-SA-4.0

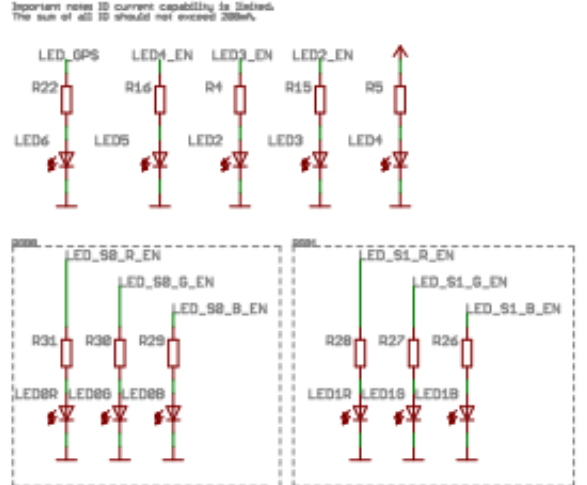
Tā Hā P sensor



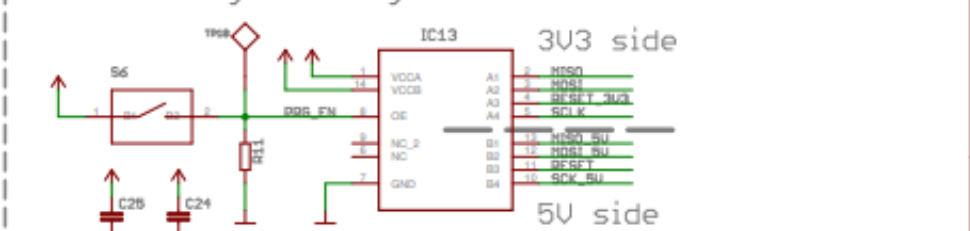
I2C isolation



Status LEDs



Programming interface



Libelium Comunicaciones Distribuidas S.L.

Project: AGILE

Title: agile_gateway_maker_version_v009

Version: 009 Date: 08/11/17 09:01 Sheet: 1/1

Author: JS Date: 14/07/2017

Reviewed: DR Date: 14/07/2017

Approved: DG Date: 14/07/2017



Description: The AGILE Makers shield is a Raspberry Pi HAT. Two expansion sockets are included in a XBee form factor, allowing the connection of communication modules such as ZigBee, LoRaWAN, 802.15.4 or Z-Wave. For the most power demanding modules, there is an external power connector. Furthermore, the shield uses an I²C bus to speak with the Raspberry Pi, thus keeping most of the Raspberry GPIOs unused. It includes sensors for measuring temperature, humidity and pressure, and an analog to digital converter. It also includes several programmable LEDs.