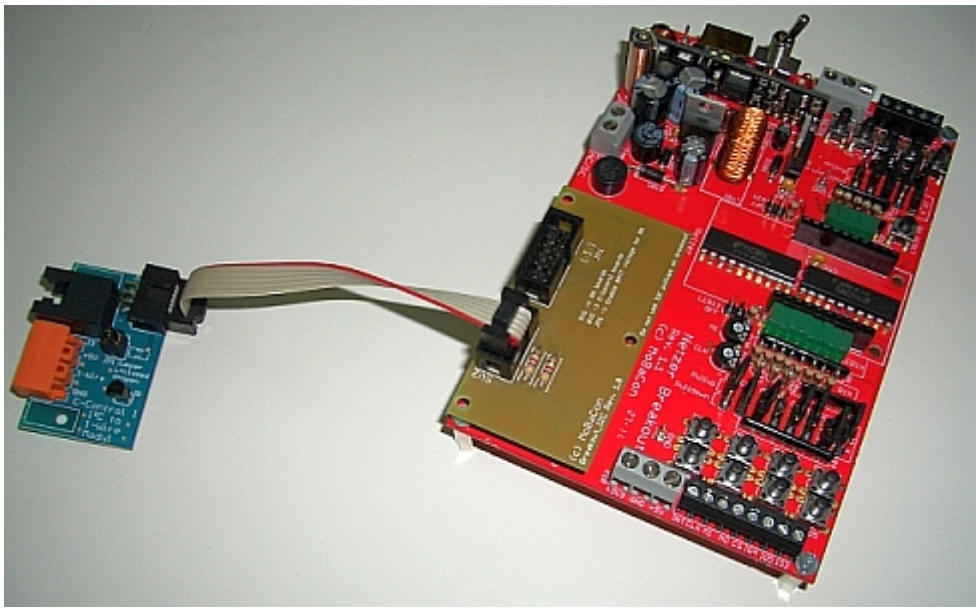
I2C Extension board for Netzer Playground



The I2C-Extension board was developed for Netzer Playground. The Ethernet gateway Netzer can be connected to add on boards from the German community platform Roboternetz or C-Control from Conrad. There a lot of new possibilities for Netzer like connecting displays or 1-wire modules.

Roboternetz boards

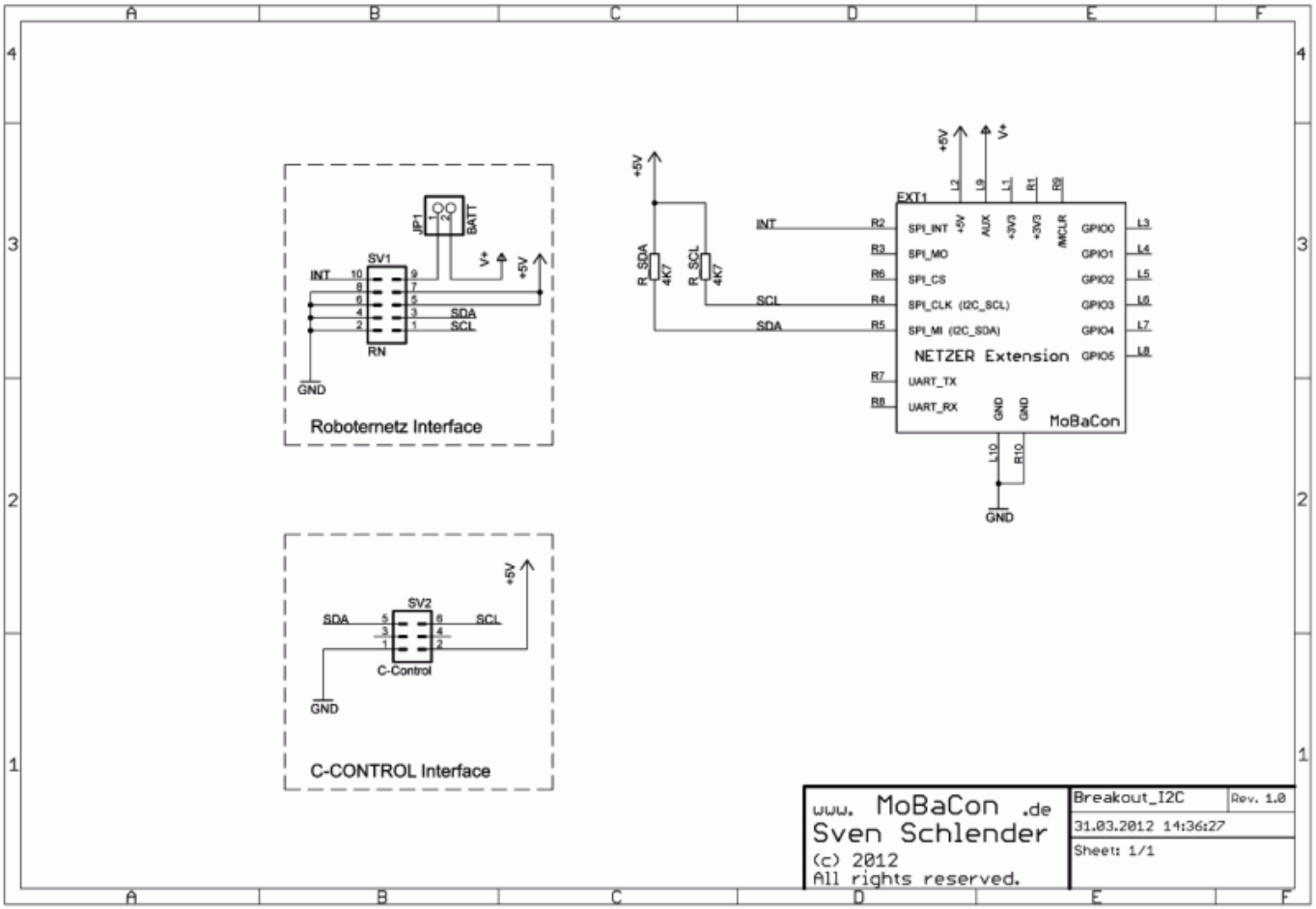
Roboternetz (RN) has published a standard some time ago. They standardized frequently used interfaces in the embedded world: The RN definitions (only in German). Among this interface are i.e. SPI or I2C.

In particular the I2C socket is often present on RN boards and thats why was chosen as one of the two interfaces on the extension board.

The following tabel presents RN boards, which are qualified for Netzer connect:

Board name	Function	Tested
RN-DIGI	Big I2C digital display	No
RN-KeyLCD	A compact universal LCD and keyboard with various interfaces.	No
RN-Schrittmotor	Controls stepper motors via I2C, RS232, clock	No

Schematic



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