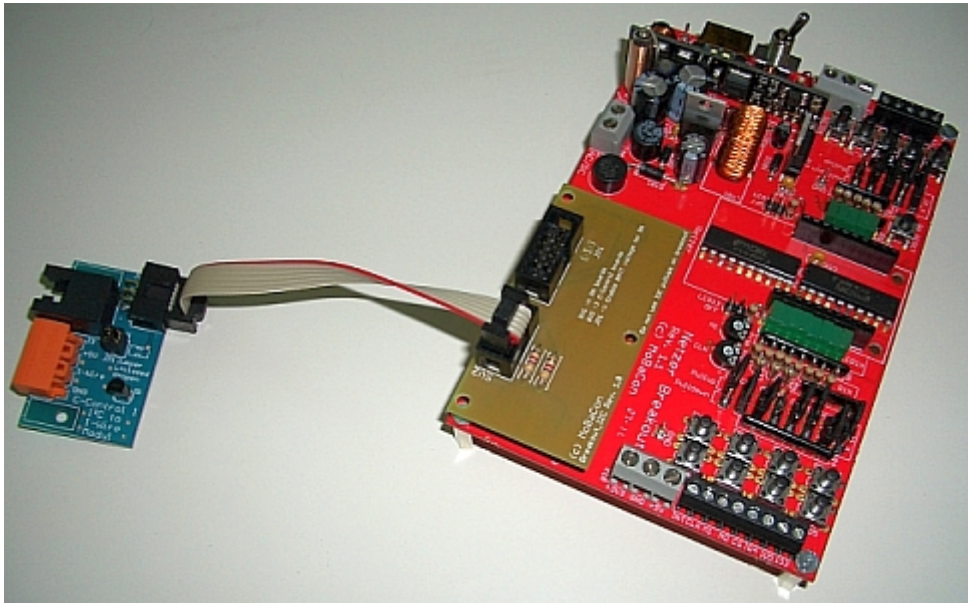


# I2C Extension board for Netzer Playground



The I2C-Extension board was developed for [Netzer Playground](#). The Ethernet gateway Netzer can be connected to addon 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

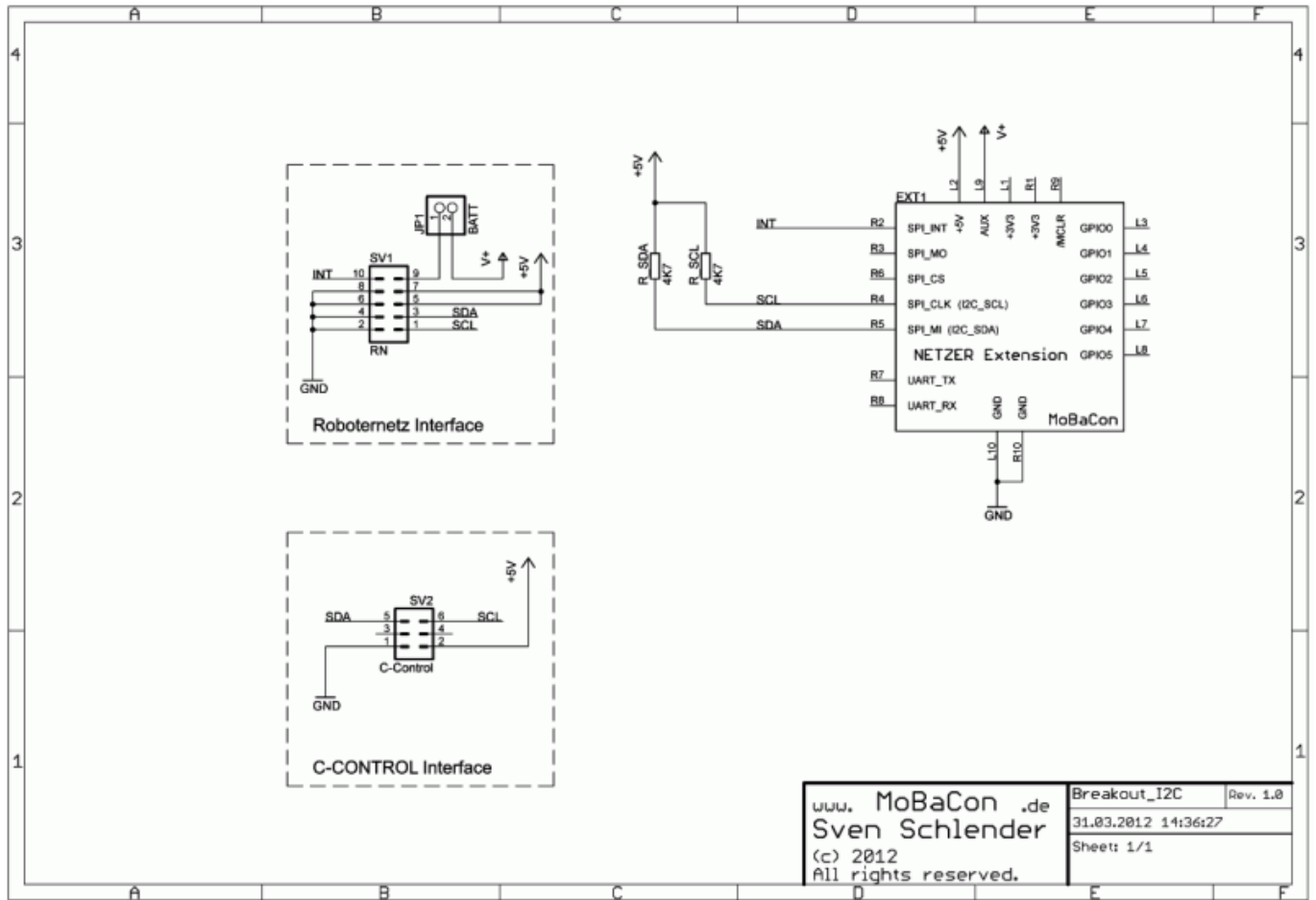
[Roboternetz \(RN\)](#) has published a standard some time ago. They standardized frequently used interfaces in the embedded world: The [RN definitions \(only in German\)](#). Among this interface are i.e. SPI or I2C.

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 |
|---------------------------------|---|--------|
| <a href="#">RN-DIGI</a>         | Big I2C digital display                                       | No     |
| <a href="#">RN-KeyLCD</a>       | A compact universal LCD and keyboard with various interfaces. | No     |
| <a href="#">RN-Schrittmotor</a> | Controls stepper motors via I2C, RS232, clock                 | No     |

## Schematic



From: <http://www.mobacon.de/dokuwiki/> - MoBaCon

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