

# Hardware details

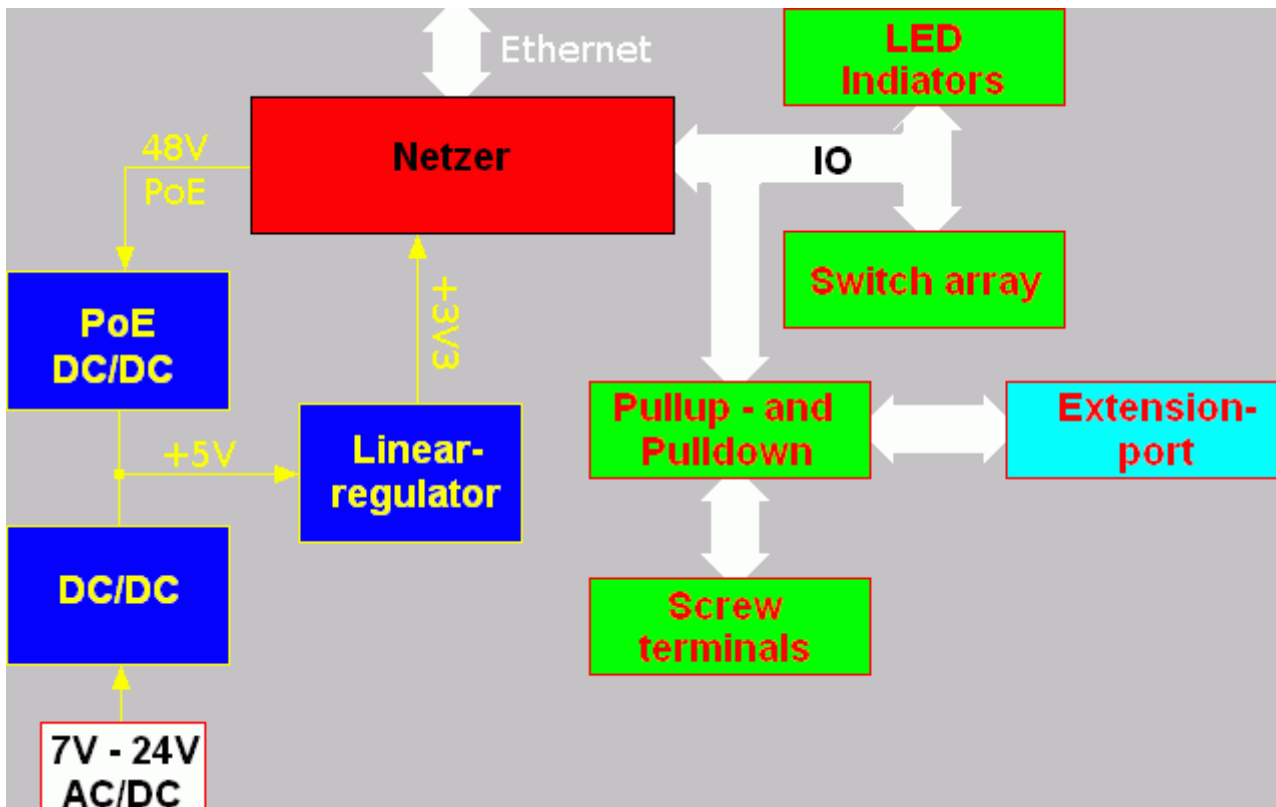
## Breakout board



The Netzer Breakout enables quick development of circuits around the Netzer.

- Schematics: [Open](#)
- Description and assembly manual: [Open](#)

The image shows a functional block diagram of the board.



The extension port has an important role. Depending on the application several extension boards can be put in the socket. Extension boards for **LCD** and **domestic** (relays, temperatur and light sensors, opto decoupled inputs) are under development.

## Eagle Libraries

For new Eagle projects Netzer in a library that is easy to use (Release of 2011-07-01): [Open](#) (Eagle version 5.X)

Also included are footprints and schematic device for the extension port to develop own extension boards for the breakout.

## Schematics

- Eagle file: [Open](#)
- PDF: [Open](#)

## Layout

- Eagle file: [Open](#)
- PDF (Top layer): [Open](#)
- PDF (Bottom layer, mirrored): [Open](#)
- PDF (Parts, top layer): [Open](#)

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