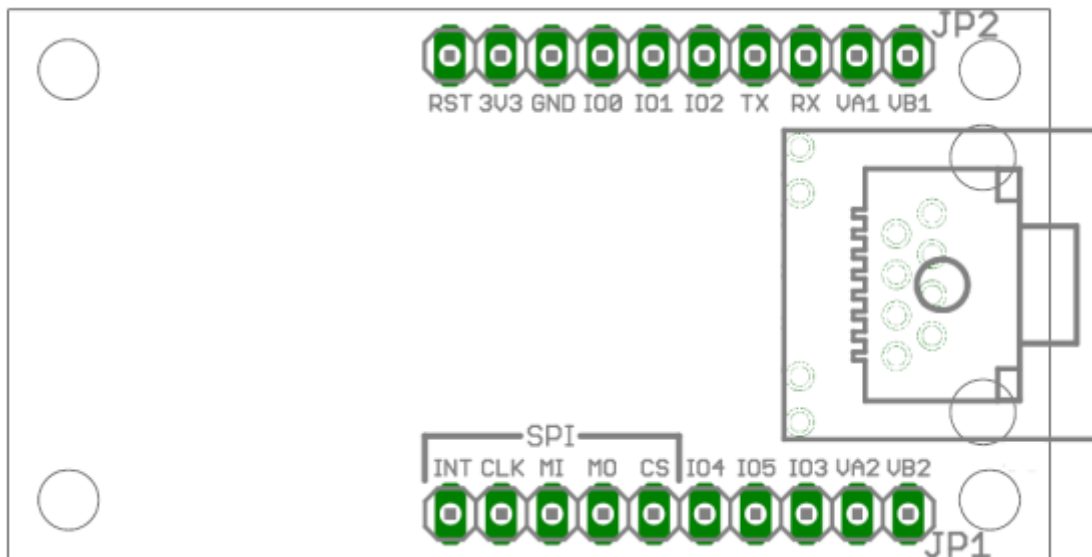


Netzer pin map



Overview

Pins of pin header JP1

| Name | Description |
|------|--|
| INT | GPIO pins, see IO for more informations. |
| CLK | |
| MI | |
| MO | |
| CS | |
| I04 | |
| I05 | |
| I03 | |
| VA2 | Connection for Power-over-Ethernet . That is the center tap of the ethernet coil between RJ45 pins 3 and 6. |
| VB2 | Connection for Power-over-Ethernet . This pin is directly connected to the network jack of Netzer (RJ45 pins 7 and 8). |

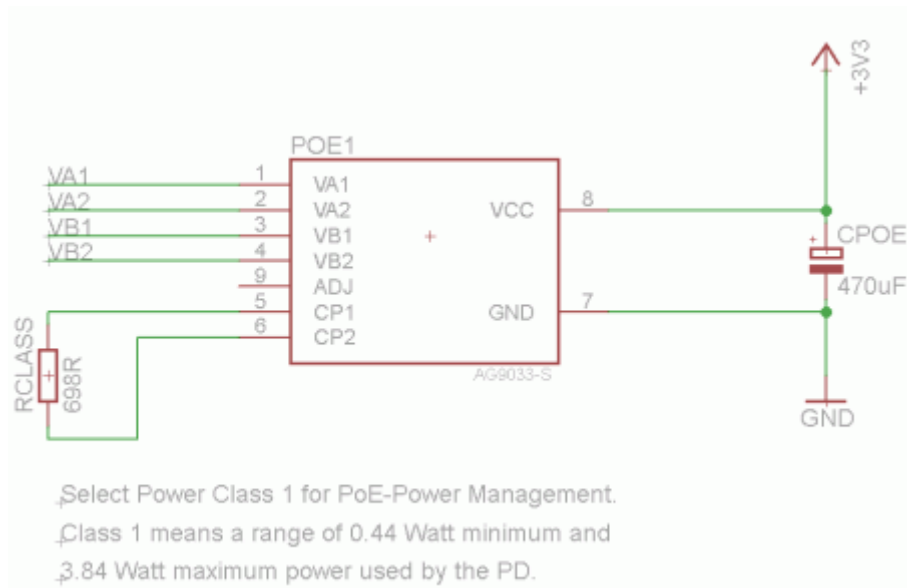
Pins of pin header JP2

| Name | Description |
|------|--|
| RST | Use this pin to reset Netzer. The signal ist low active (this means 0 resets Netzer). The Reset signalcan also be used for waking up netzer from sleep mode (after shut down). The pin is optional and can be left open. |
| 3V3 | Pin for power supply. Minimum voltage is 3.1 V. Maximum voltage is 3.6 V. |
| GND | Ground potential. |

| Name | Description |
|------|--|
| IO0 | GPIO pins, see IO for more informations. |
| IO1 | |
| IO2 | |
| TX | |
| RX | |
| VA1 | Connection for Power-over-Ethernet . That is the center tap of the ethernet coil between RJ45 pins 1 and 2. |
| VB1 | Connection for Power-over-Ethernet . This pin is directly connected to the network jack of Netzer (RJ45 pins 4 and 5). |

Power-over-Ethernet (PoE)

The four connections VA1, VA2, VB1 and VB2 are connections from the network socket where a power-over-ethernet supply can be connected to.



The image shows an example circuit. Here the PoE supply AG9033 from Silver Telecom is used.

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