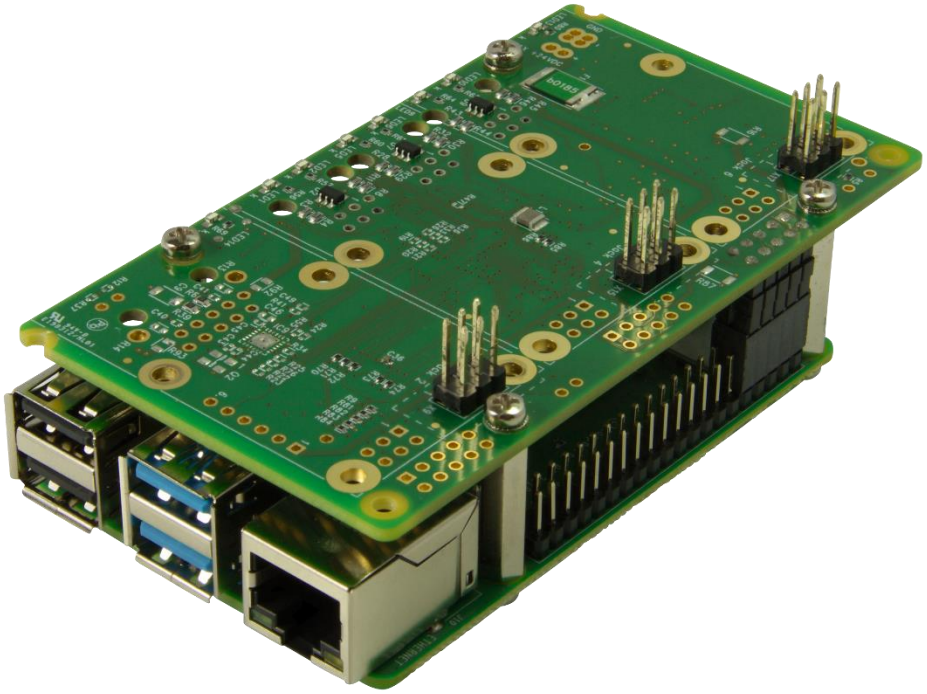


GPIO Base Raspberry Pi
Quick Start Guide ver. 1.0

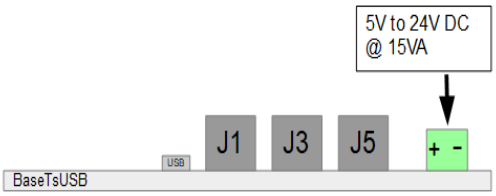
GPIO Base Raspberry Pi: Quick Start Guide ver1.0

This document was created on 2024-09- 09T08:34:30+02:00.

Quick Start Guide

The REST interface of the GPIO Base Raspberry Pi device can be accessed via Ethernet. Once connected to your LAN it will require an IP address using DHCP. Additionally it will propagandate its hostname via zeroconv.
Examples of how to access the GPIO modules can be found on the web page of the gpio device when selecting „examples“.

1. Make a note of the hostname written on the back of the baseboard or the side of the housing: **GPIO-MacAddress**
   Note: The last part of the hostname is the ethernet MAC address
2. Connect an ethernet cable to the ethernet port of the gpio board and to your LAN device
3. Connect the power cable to the power connector of the gpio device and supply it with 5V to 24V DC (min. 15 VA)
   Attention: When using custom power cables on the screw terminal (X12) instead of the connector to power the device, pay attention to the polarity:



4. Wait one minute untile the device has finished its startup sequence. Now the device is accessible using the hostname.
   Note: Alternatively use the DHCP assigned IP address
   Note: on some operation systems it is required to append *.local* to the hostname: GPIO-MacAddress.local
5. To see the GPIO server example page open a browser and navigate to: http://GPIO-MacMacMac
6. To test a gpio request the free tool „curl“ can be used:
   curl http://gpio-e45f012a2b2c/Gpio/v1/Devices
   curl http://gpio-e45f012a2b2c.local/Gpio/v1/Devices
   curl http://192.168.1.123/Gpio/v1/Devices

Further technical details can be found on the product page on www.taskit.de.