



Raspberry Pi GPIO Expansion Module

SKU 114990169 [f](#) [t](#) [g+](#) [p](#) [w](#)

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Description

This module is designed specifically for the Raspberry Pi B+/A+ IO expansion modules, which can effectively solve the Raspberry Pi's insufficient IO port problem. The module uses four 74HC595 chips to expand 32 IO ports. As shown above, the top of the module will expand the IO of Raspberry Pi again, allowing for cascading, theoretically unlimited expansion.

Specification:

Product Features:

Expanded 32 GPIO

Infinity connection for the same module

Use wiringPi API, sample code

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Port:

Raspberry Pi 2X13 port

Raspberry Pi 2X13 cascade port

Q0-Q31 expanded IO port

Product Parameters:

Working voltage: 2.4V-5V

IO voltage: 3.3V

Expanded 32 unidirectional IO

Connection through SPI

100 MHz (typical) shift out frequency

8-bit serial input

8-bit serial or parallel output

Specified from -40C to +85C and from -40C to +125C

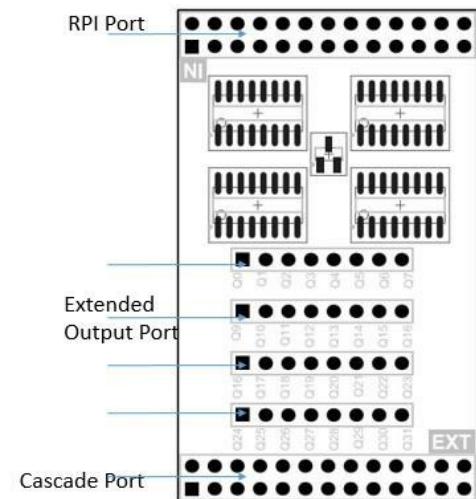
Typical Application:

Drive the lattice screen

Driver numeric display

Drive matrix LED

Product Specification:



Technical Details

Dimensions 0mm x 0mm x 0mm

Weight G.W 26g

Battery Exclude

ECCN/HTS

ECCN Not Available

HSCODE8543909000

Questions and Answers

Have a question about this? Ask people who

0

Hi, How can I change the default IP. If connected to LAN and this IP is used yet from another device - I can not access the linkit.local host?

Penev.Milen on Apr 06,2017

Reply upvote (0)

It is "mylinkit.local" If you are still now able to ssh into it.. use network mapping tools to look for the ip address "who is on my wifi for windows" or nmap for a linux console. I have tried the static IP thing, believe me.. in the long run, you wud not wan that, just stick with a host name.

ArunMKumar on May 12,2017 05:40 AM
Downloaded from Arrow.com

Reply upvote (0)

0 Hi. Can this module work with Raspberry Pi 3 Model B?

eekylau on Jun 19,2018

Reply upvote (0)

Hi, friend! yes, it can work with Raspberry Pi 3 Model B, Regards!

Seeed Techsupport Team on Jun 22,2018 14:18 PM Reply upvote (0)

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I want to try and get as many GPIOs as possible. can I stack these? for example, can I get 2 of these and plug one of them into the cascade port of the other to effectively get 64 gpio pins?

ds.ds.ds.ds.ds10 on Jan 19,2018

Reply upvote (0)

Hi there~Yes you can, as the description says "As shown above, the top of the module will expand the IO of Raspberry Pi again that can be cascaded for more IO expansion modules can theoretically unlimited expansion." Regards

Seeed Techsupport Team on Jan 19,2018 10:56 AM

Reply upvote (0)

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