

ODROID Forum

Hardkernel ODROID

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wiring pi for Odroid XU4

Moderators: [odroid](#), [mdrjr](#)

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wiring pi for Odroid XU4

by [pinie_pinie](#) » Fri Jun 17, 2016 7:04 pm

Hello,

I'm looking for my ODROID XU4 the installation package for "wiring pi".

For the C1 I found. Unfortunately, not for the XU4.

Since I have no knowledge of programming, I need the final

"Wiring pi" for ODROID XU4.

Thank you very much.

Thoralf

[pinie_pinie](#)

Posts: 6

Joined: Mon Jun 13, 2016 7:07 pm

languages_spoken: german

ODROIDS: Odroid XU4

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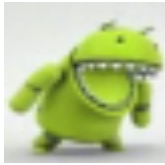
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Re: wiring pi for Odroid XU4

by [odroid](#) » Fri Jun 17, 2016 7:21 pm

Please read our Wiki pages first.

http://odroid.com/dokuwiki/doku.php?id=...ith_driver



odroid

Site Admin

Posts: 20128

Joined: Fri Feb 22, 2013 11:14 pm

languages_spoken: English

ODROIDS: ODROID

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[Re: wiring pi for Odroid XU4](#)

by [pinie pinie](#) » Tue Jun 21, 2016 12:53 am

Hello,

I have read the description tested.

Unfortunately WiringPi for ODROID C1 / 2 is not the ODROID Xu3 / 4 not compatible.

This follows from the different mechanical structure of the device.

I need the wiringPi specifically for ODROID XU3 / 4 with a

GPIO Map for WiringPi Library (CON10 2 x 15).

There must be a difference in my opinion.

With the wiringPi from C1 I get lots of error messages.

Does somebody has any idea?

Thank you very much.

Thoralf

[pinie pinie](#)

Posts: 6

Joined: Mon Jun 13, 2016 7:07 pm

languages_spoken: german

ODROIDS: Odroid XU4

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[Re: wiring pi for Odroid XU4](#)

by **odroid** » Tue Jun 21, 2016 11:11 am

Our WiringPi lib works with C1/C2/XU4 by detecting the board ID in the initialization process.
Refer this link about the GPIO map on the 30pin header.

http://odroid.com/dokuwiki/doku.php?id=...n10_2_x_15

Show us the error message you met with your test code.



[odroid](#)

Site Admin

Posts: 20128

Joined: Fri Feb 22, 2013 11:14 pm

languages_spoken: English

ODROIDS: ODROID

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[Re: wiring pi for Odroid XU4](#)

by [pinie pinie](#) » Tue Jun 21, 2016 2:53 pm

Hello,

Thank you for the fast answer. In the system I have logged my installation of wiringPi. After compiling I get the error messages. Unfortunately, I do not understand what the meaning of these.

In any case, I'll be with my project not "shutdown ODROID with GPIO".

Since the wiringPi already shows error I think that there is the cause.

Thank you very much.

Thoralf

Attachments



[wirinPi.pdf](#)

(81.78 KiB) Downloaded 30 times

[pinie pinie](#)

Posts: 6

Joined: Mon Jun 13, 2016 7:07 pm

languages_spoken: german

ODROIDS: Odroid XU4

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[Re: wiring pi for Odroid XU4](#)

by [odroid](#) » Tue Jun 21, 2016 4:07 pm

All the warnings in the WiringPi lib build are normal. There was no critical error in your attached file. Compile and installation were successful.

Grab and post the output while you compile your software with source code.



[odroid](#)

Site Admin

Posts: 20128

Joined: Fri Feb 22, 2013 11:14 pm

languages_spoken: English

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[Re: wiring pi for Odroid XU4](#)

by [pinie pinie](#) » Tue Jun 21, 2016 5:51 pm

Hello,

with the program of XU4 via the GPIO port to be shut down.

In Appendix you find the instructions.

I get after compiling the following error message (see Appendix).

The GPIO ports I have not yet been adapted for my purposes. I want to

GPIO 11 (PIN24) Input

GPIO 06 (PIN24) output

use. I use directly the 2x15 Receptacle.

Can you tell me where my mistake is.

Thank you very much.

Thoralf

Attachments



[shutdown odroid.txt](#)

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[error.txt](#)

(1.48 KiB) Downloaded 10 times

[pinie pinie](#)

Posts: 6

Joined: Mon Jun 13, 2016 7:07 pm

languages_spoken: german

ODROIDS: Odroid XU4

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[Re: wiring pi for Odroid XU4](#)

by **odroid** » Tue Jun 21, 2016 6:31 pm

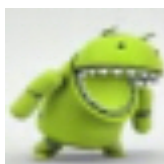
Look at the WiKi page more carefully.

There must be a gcc option of "lpthread" to load "pthread" library.

http://odroid.com/dokuwiki/doku.php?id=__er_project

Also need to edit your source code to make a proper GPIO pin assignment.

http://odroid.com/dokuwiki/doku.php?id=__n10_2_x_15



odroid

Site Admin

Posts: 20128

Joined: Fri Feb 22, 2013 11:14 pm

languages_spoken: English

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