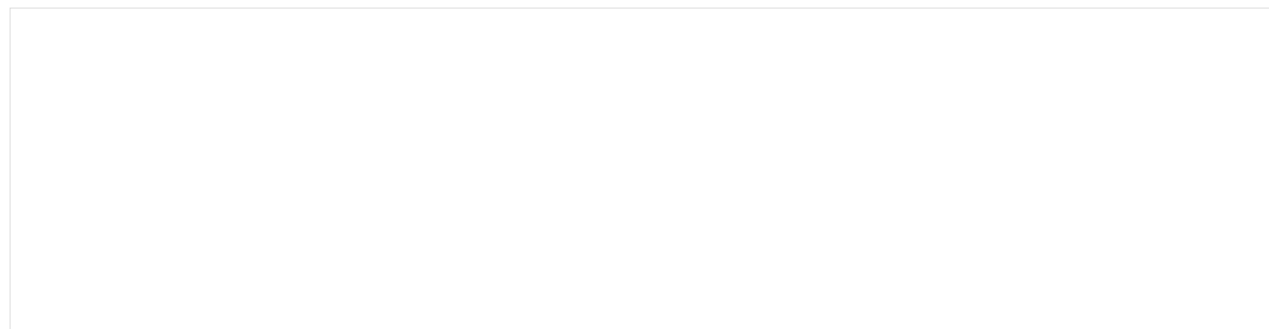


Weekly Build

Builds, Teardowns, & Code

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'Zero Research' ENC28J60 Breakout Pinout

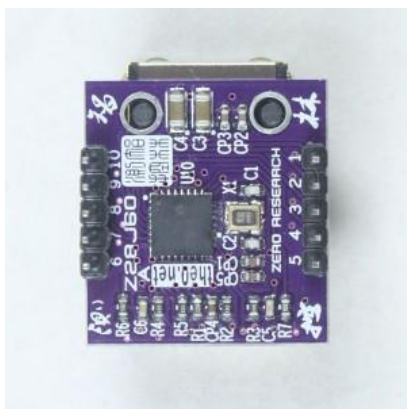
NOVEMBER 24, 2010
POSTED BY RYNO

For a new project, I recently purchased a ENC28J60 breakout board on Ebay. It was a decent price at \$18, but there was no documentation regarding what pin was what? When I placed the order I asked for the pinout but was ignored. The board has 'Zero Research' and 'the0.net' printed in the silkscreen but I had no luck googling it and the domain is a parking page.

After over a week of no response, I finally received the device in the mail. After I 'ohming' it out, I thought I'd post the results here for future reference.

Another complaint about this breakout is that the distance between rows is not on an even multiple of 0.100" so it does not fit well when plugged into a breadboard.

Pin Names Matched To Numbered Pins In Photo



1. /CS
2. SCLK
3. SI
4. SO
5. GND

6. /WOL
7. /INT
8. CLKOUT
9. /RESET
10. VDD

For convenience, here is a link to the ENC28J60 product page: microchip.com/Enc28j60

Zero Research ENC28J60 Breakout

THIS ENTRY WAS POSTED IN [ELECTRONICS](#) AND TAGGED [BREAKOUT](#), [ENC28J60](#), [PINOUT](#). [BOOKMARK THE PERMALINK.](#)

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Twitter

Just pre-ordered my Raspberry Pi. Shipping April 3rd.
 Saturday, 03.03.12 14:11


I just scored some sugru. (Yay).
<http://t.co/PkcCTTqR>
 Saturday, 01.28.12 20:11

WeeklyBuild finally joined Twitter!
 Saturday, 01.28.12 15:27

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5 Responses to 'Zero Research' ENC28J60 Breakout Pinout

1.  **bassa** says:
 December 19, 2010 at 9:35 am
 Thanx dude!

I was in exactly the same situation.

[Reply](#)

2.



peter says:

March 21, 2011 at 3:02 pm

Hey, thanks for the information. I have also purchased this little board and it is still in the mail.

If you allow me a question, isn't it a problem for the chip to be situated on top of the breadboard? Does it get warm? I am very concerned about issues regarding heat because as far as I know, the ENC28J60 is a power hog. I am really interested in your experience with this thing.

Thanks!

[Reply](#)

3.



yeti says:

November 12, 2011 at 5:32 pm

I found that schematic when searching for the module...

<http://www.steitec.net/media/products/0869925001287123152.pdf>

[Reply](#)

4.



yeti says:

November 12, 2011 at 5:41 pm

..ops... sent by accident...

Wanted continue:

The pinout looks the same and this may be an earlier version...

I was looking for an answer whether the negative signals have pullups on the module or not...

[Reply](#)

5.



yeti says:

November 13, 2011 at 6:46 am

...and this is the good guy who sells this module with documentation:

<http://www.kooing.com>

Link to the module:

<http://www.kooing.com/DIY/ENC28J60-28j60-Ethernet-LAN-Module-for-AVR-PIC-ARM-MCU-Ver-2/>

Sometimes you can get it via ebay where he is called 3yonline.

On the module the0.net (0 = zero) can be seen, that domain exists and indeed offers microcontroller stuff but I wasn't able to find that module there up to now.

[Reply](#)

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 <abbr title=""> <acronym title=""> <blockquote cite="">
<cite> <code> <del datetime=""> <i> <q cite=""> <strike>

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ASOKAY BY [ANDREAS VIKLUND](#)