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Venkatesh R shared a link.
July 28, 2016

http://hackaday.com/…/ask-hackaday-is-the-esp8266-5v-toler…/

HACKADAY.COM
Ask Hackaday: Is The ESP8266 5V Tolerant?
The ESP8266 is the reigning WiFi wonderchip, quickly securing its…

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Roy Stevens I don't know if the official specs are, but I've run dozens of ESP's with 5v in on the serial port for months on end with no ill effects.
Like · 2y   4

     2 Replies

Venkatesh R Roy Stevens Which serial device have you used ? because the one's which I have are all 3.3v logic and a 5v and 3.3v option board
Like · 2y · Edited

     1 Reply

Baoshi Zhu you can use 5v, as long as you don't dump 5v rail onto the IOs. The ESD protection diodes will clamp the input.
But seriously what is so hard to do a proper level conversion?
Like · 2y   6

     1 Reply

Teo Swee Ann i can reply officially here: it is 5V tolerant at the IO. while the supply voltage is at 3.3V.
Like · 2y   77

     Baoshi Zhu How about ESP32?
     Like · 2y   1

     Venkatesh R

DESCRIPTION
A group to discuss ESP8266 hacks and help the community.

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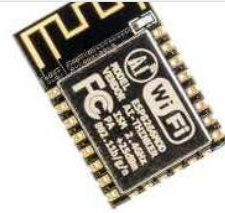
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Venkatesh R and ESP8285 ??
Like · 2y

Teo Swee Ann Baoshi Zhu ESP32 and ESP8285 are both 5V tolerant as well.
Like · 2y   7

Teo Swee Ann but for ESP32, it is a very complicated matter. it supports 1.8V operations too... i don't know where to start...
Like · 2y · Edited   5

Urmil Parikh Omg
Like · 2y

Urmil Parikh Is that for battery operated case?
Like · 2y

Teo Swee Ann actually not. but many memory devices are moving towards 1.8V operations, and we would be compatible with them as well.
Like · 2y   2

Urmil Parikh Wow! So does it have multiple voltage domains? I hope not...
Like · 2y

Urmil Parikh We have all seen ESP01 working with Arduino boards. Why so much confusion?
Like · 2y

Baoshi Zhu I did some more investigation. http://wp.me/p2sKC4-j9

BA0SH1.COM
Is ESP8266 I/O really 5V tolerant? - Digital Me
Like · 2y   9

Mats Engstrom Nice investigation!
Like · 2y

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