

## ESP8266

Offentlig grupp

Om

Diskussion

Venkateshs inlägg

Medlemmar

Evenemang

Videor

Foton

Filer

Sök i den här gruppen

## Genvägar

Lösker man 4

The Sauna Raft Wasa 2

PPU Klasse I OsloMet 1



Gå med i grupp

Mer

Gå med i den här gruppen om du vill skriva inlägg och kommentarer.

Spara länkar var som helst med Chrome-tillägget Spara

Testa nu



Venkatesh R har delat en länk

29 juli 2016

[http://hackaday.com/.../ask-hackaday-is-the-esp8266-5v-toler...](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...

19

20 kommentarer 12 delningar

Gilla

Dela



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.

Gilla • 3å

4

2 svar



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

Gilla • 3å • Redigerad

1 svar



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

Gilla • 3å

7

1 svar



Teo Swee Ann i can reply officially here: it is 5V tolerant at the I/O, while the supply voltage is at 3,3V.

Gilla • 3å

83

Baoshi Zhu How about ESP32?

Gilla • 3å

1

Venkatesh R

Gilla • 3å

Venkatesh R and ESP8285 ??

Gilla • 3å

Teo Swee Ann Baoshi Zhu ESP32 and ESP8285 are both 5V tolerant as well.

Gilla • 3å

8

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...

Gilla • 3å • Redigerad

5

Urmil Parikh Omg

Gilla • 3å

Urmil Parikh Is that for battery operated case?

Gilla • 3å

Teo Swee Ann actually not, but many memory devices are moving towards 1,8V operations, and we would be compatible with them as well.

Gilla • 3å

3

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

Gilla • 3å



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

Gilla • 3å



Baoshi Zhu I did some more investigation. <http://wp.me/p2sKC4-g9>



BAOSH1.COM

Is ESP8266 I/O really 5V tolerant? - Digital Me

Gilla • 3å

9

Mats Engstrom Nice investigation!

Gilla • 3å

## BESKRIVNING

A group to discuss ESP8266 hacks and help the community.

## GRUPPTYP

Allmänt

## SKAPA NYA GRUPPER

Med Grupper blir det enklare än någonsin att dela med sig till vänner, släkt och arbetskamrater.

Skapa grupp

## NYA GRUPPFOTON

Visa alla



## Föreslagna grupper

Visa alla



LoRaWAN

3 866 medlemmar

Gå med i grupp



ESP8266/PL

651 medlemmar

Gå med i grupp



Raspberry Pi, Arduino + other Single Board Compute...

4 753 medlemmar

Gå med i grupp



ESP32

2 687 medlemmar

Gå med i grupp



Raspberry Pi / Arduino / ESP8266 / ESP32 MCU Lua /...

4 629 medlemmar

Gå med i grupp

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