



30 SEPTIEMBRE 2017

Internet de las c@sas



la térmica
CENTRO DE CULTURA CONTEMPORÁNEA



plain
concepts

Microsoft

pasiona



#dotnetMalaga2017



Isa y Juliet



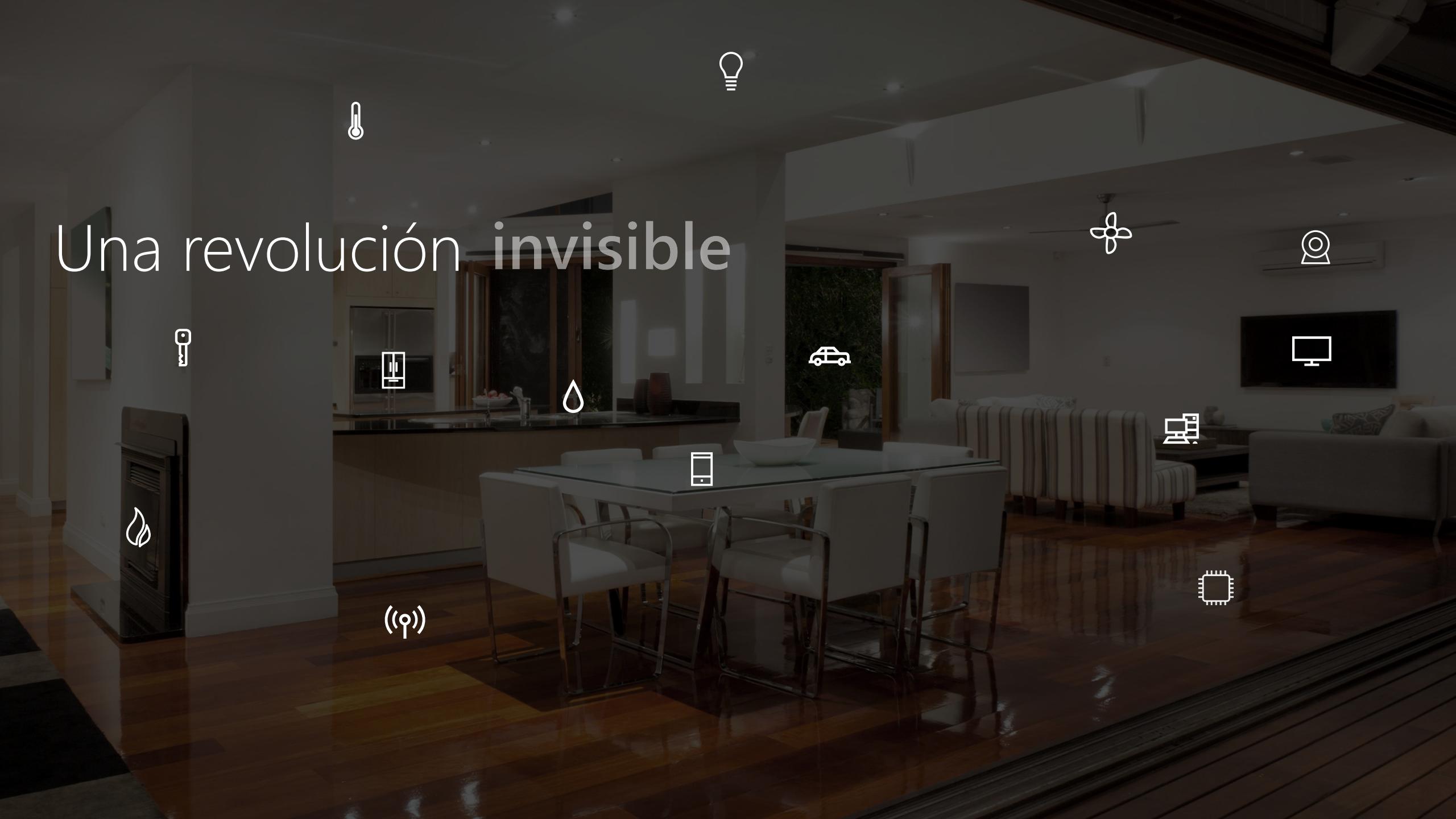
Trabajamos en **Microsoft**

Isabel Cabezas - Tech. Evangelist

@isabelcabezasm

Juliet Moreiro - Support Engineer

@julietsvq



Una revolución invisible







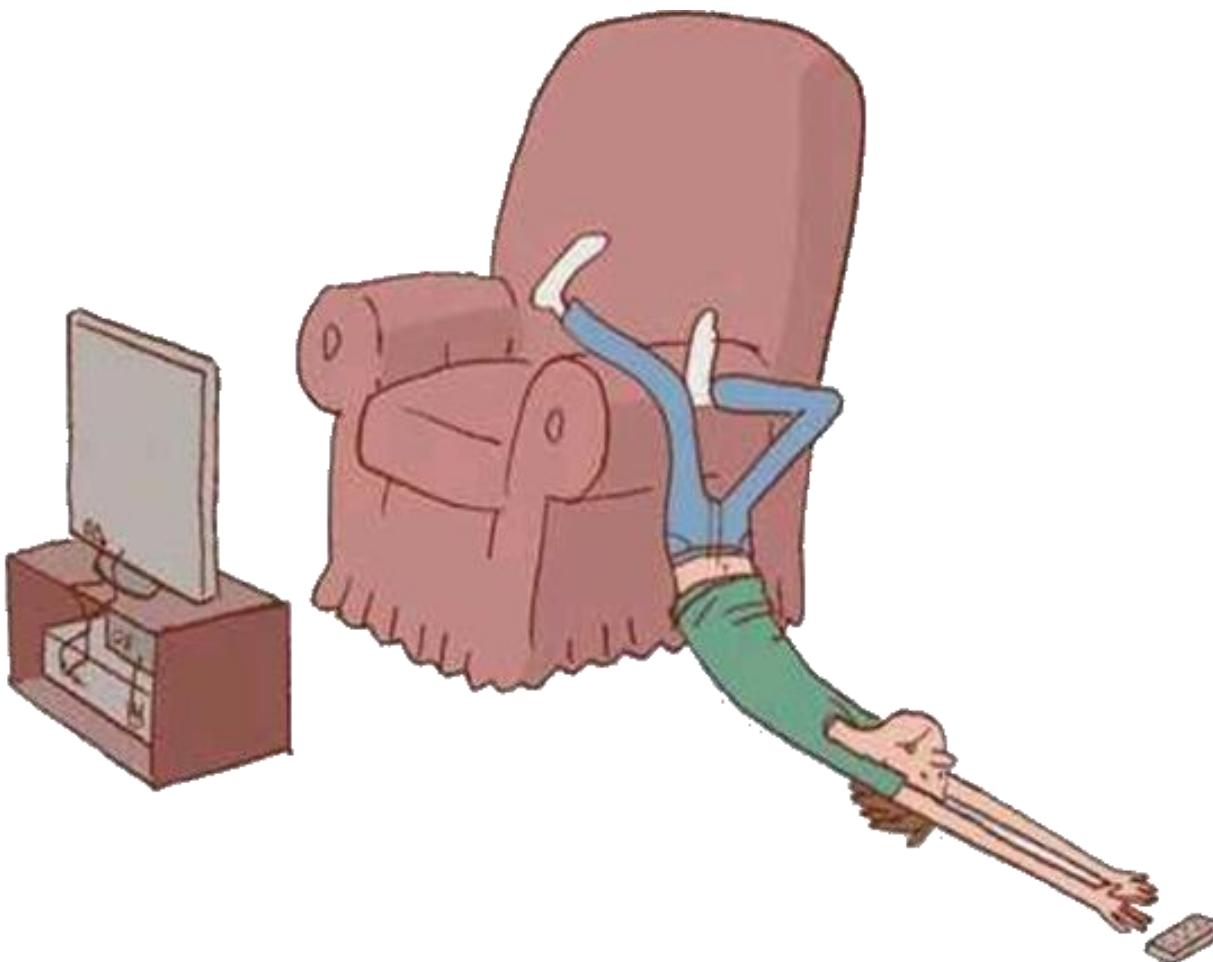
Say it. Scan it.
It's in your cart.











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Cuando quiero encender una luz...

Solución lógica



Me levanto y la enciendo

Mi solución



Me quedo sentada y espero descubrir un nuevo poder telepático que encienda la luz.



<https://www.amazon.es/iMounTek-E27-base-16-colores-cambiantes-distancia-infrarrojos/dp/B01BX9RQS0/>



<https://www.amazon.es/gp/product/B06XQK3DY3/>



<https://www.amazon.es/LEBRIGHT-Backlight-Powered-iluminaci%C3%B3n-impermeable/dp/B06Y6D65K6/>

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Philips Hue



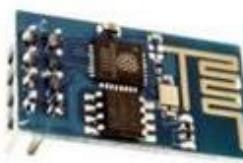
<https://www.amazon.es/gp/product/B01LZ8QYPI/>

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ESP01



ESP02



ESP03



ESP04



ESP05



ESP06



ESP07



ESP08



ESP09



ESP10



ESP11



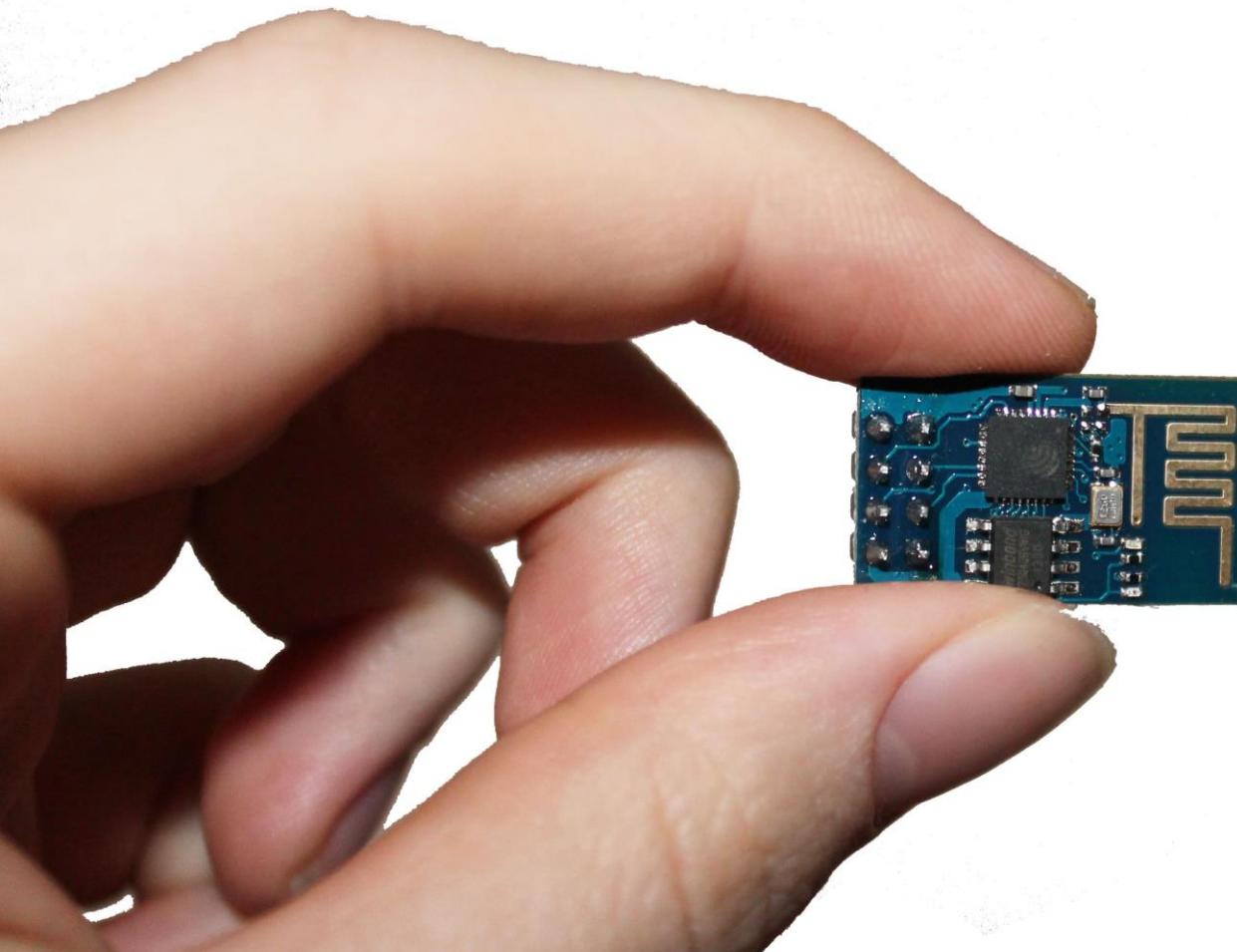
ESP12



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ESP8266

- Pequeñita
- Baratita!



1.5€

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esp8266



Lista de Deseos

Identifícate | Regístrate
Mi AliExpress

Inicio > Todas las Categorías > Componentes... > Componentes... > Circuitos... > "esp8266" 4,937 Resultados >

Buscar en los resultados iniciales

▼ Categorías relacionadas

< Componentes y sistemas Electrónicos

< Componentes activos

Integrated Circuits

▼ Tipo Múltiple

Regulador de voltaje

Circuitos integrados lógicos

Ver más ▾

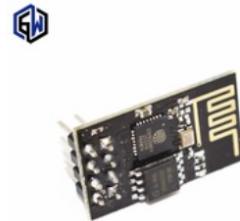
Más refinamiento...

i En base a tus palabras clave, la categoría que hemos encontrado para ti es **Circuitos integrados**. Si esta no es la categoría que deseas, busca en **Todas las Categorías**.Precio: - Envío gratis ★★★★★ o más Solo en el móvil Devolución Local

Ordenar por: Relevancia ▾

Se envía desde ▾

Ver:

Versión mejorada ESP-01 **ESP8266 WIFI** de serie del módulo inalámbrico transceptor inalámbrico

€ 1,51 / unidad

Envío gratis

★★★★★ Valoraciones (2510) | Ventas (2232)

Añadir a Lista



GREAT WALL Electronics Co., Ltd.

2015 Nueva versión 1 UNIDS **ESP-12F (ESP-12E actualización) ESP8266** remoto Puerto serie WIFI módulo inalámbrico

€ 1,78 / unidad

Envío gratis

★★★★★ Valoraciones (2756) | Ventas (2147)

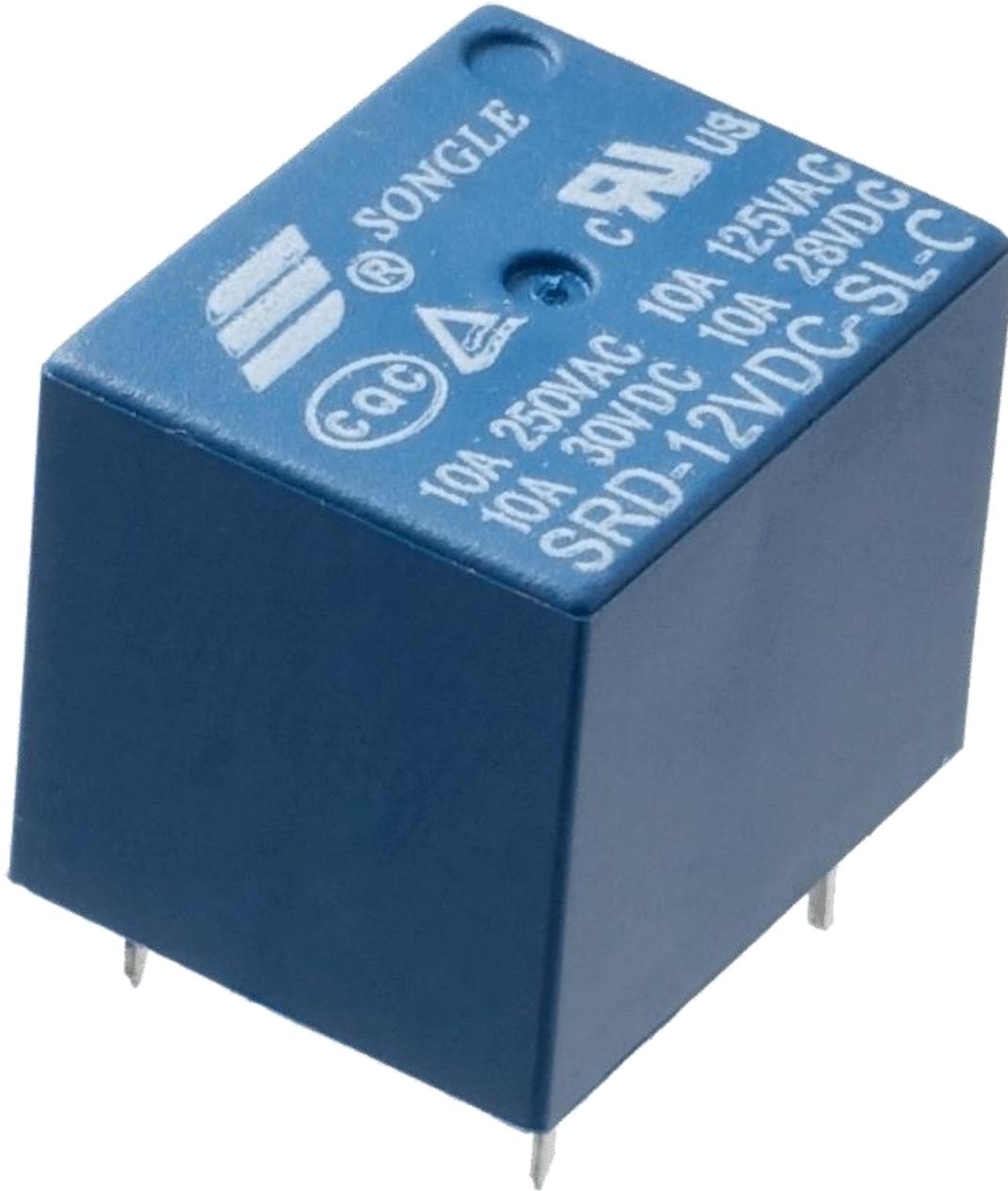
Añadir a Lista

Vistos recientemente

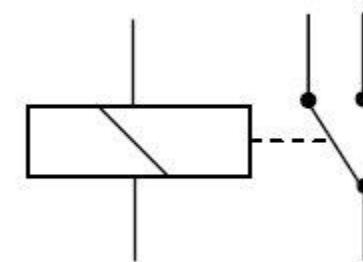
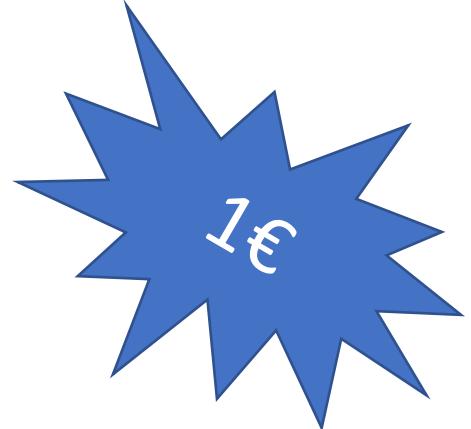
Artículos vistos recientemente



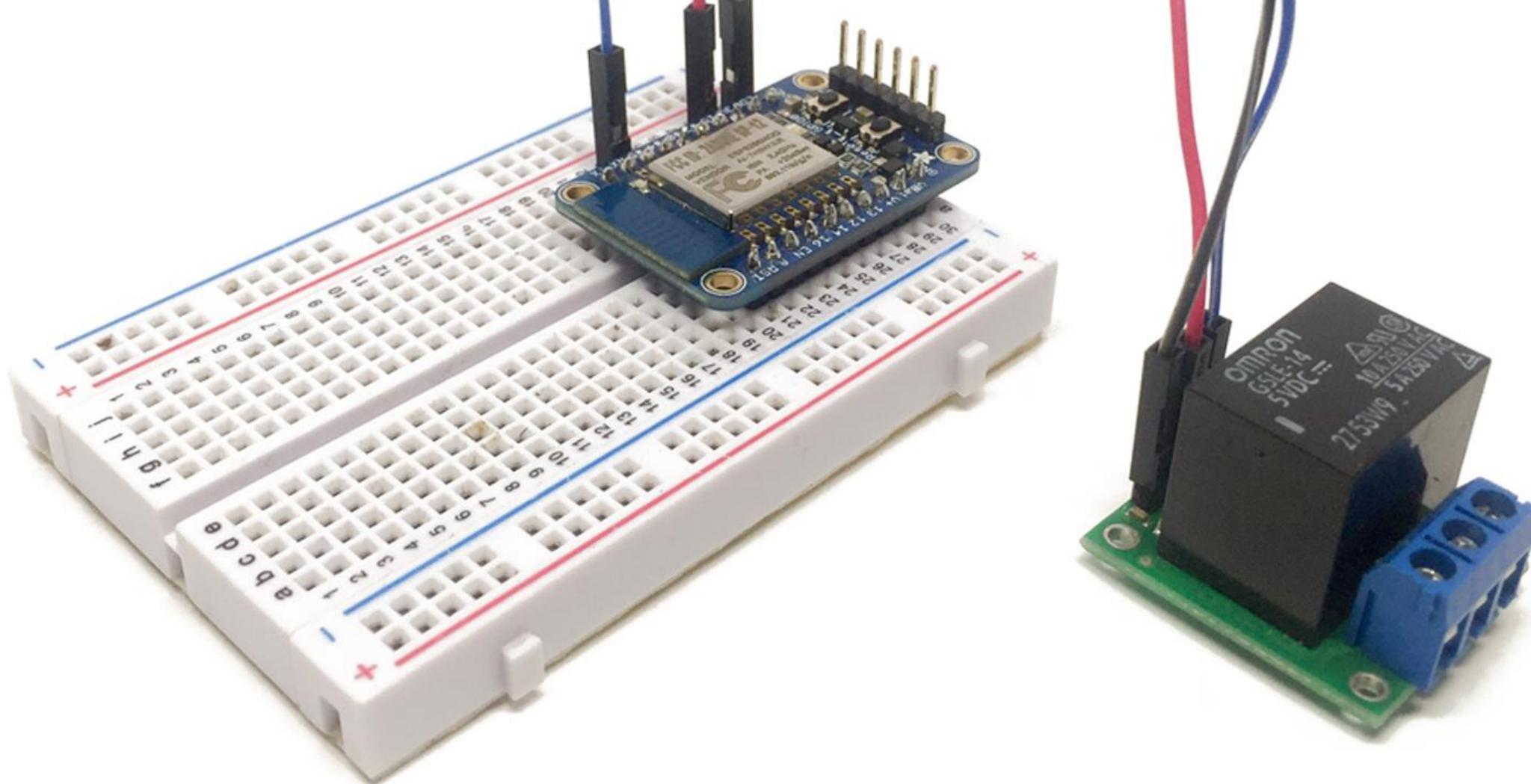
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Relé,
Relay
Relais



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SONOFF

- ESP8266
- Relay



4€

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SONOFF



Sonoff Basic



Sonoff RF



Sonoff TH



Sonoff Dual



Sonoff Pow



Sonoff 4CH



Sonoff G1



Sonoff 4CH Pro

RESIDENTIAL



S20 Socket



Slampher



Sonoff Touch



Sonoff SC

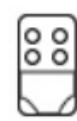
ACCESSORIES



AM2301



DS18B20



433MHz Remote Control

APPLIANCE



iFan



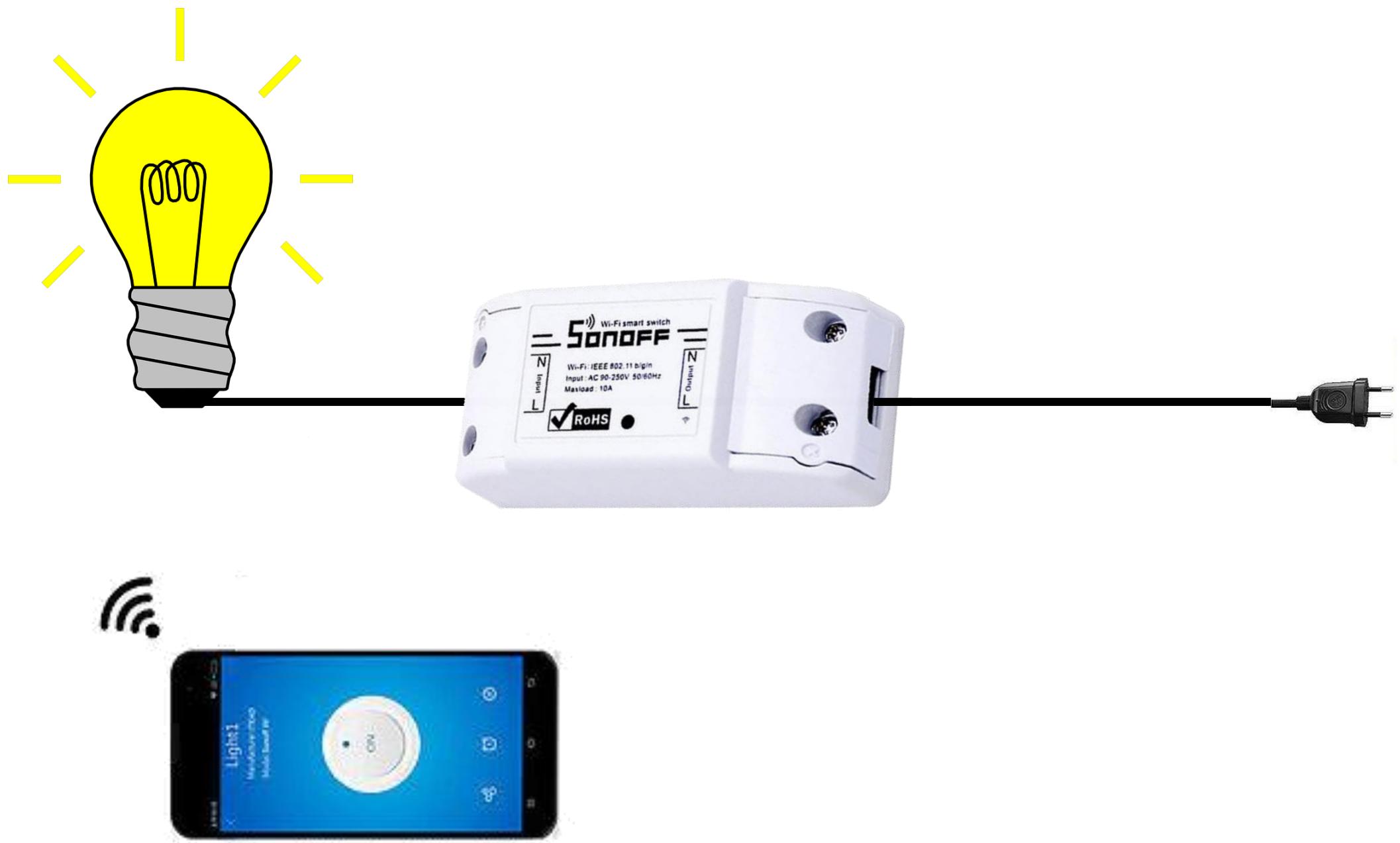
Sonoff LED



Sonoff Hum

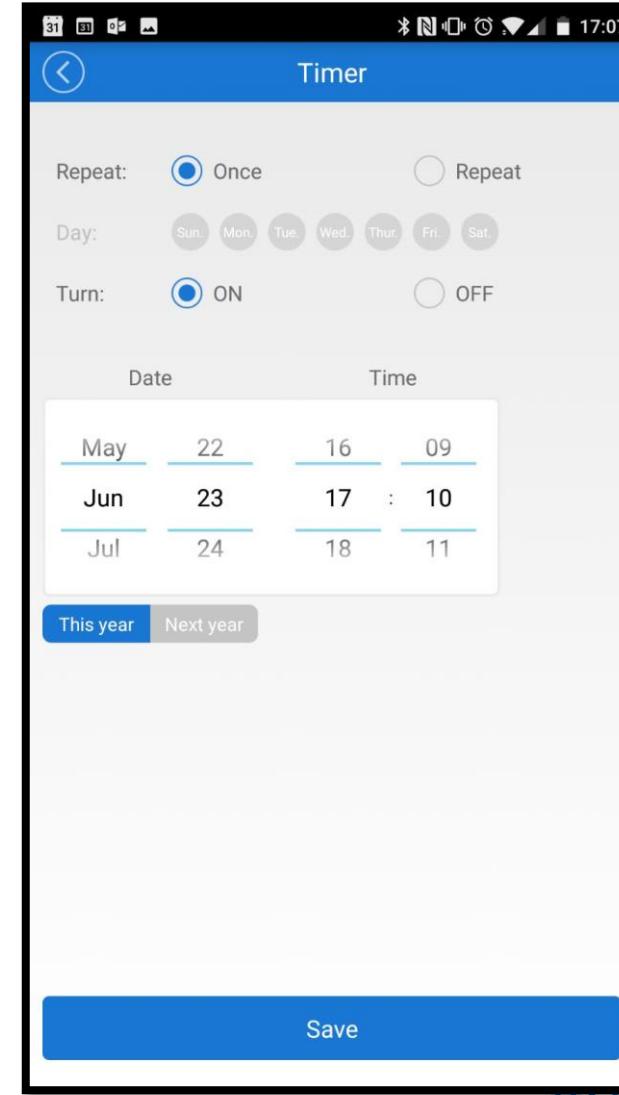
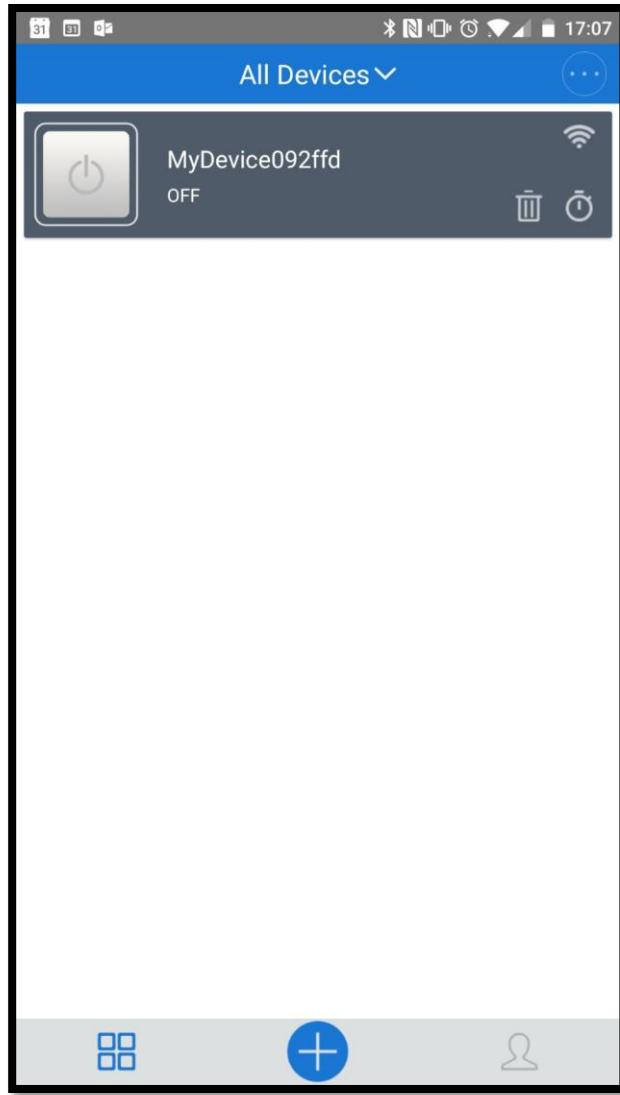


BN-SZ01

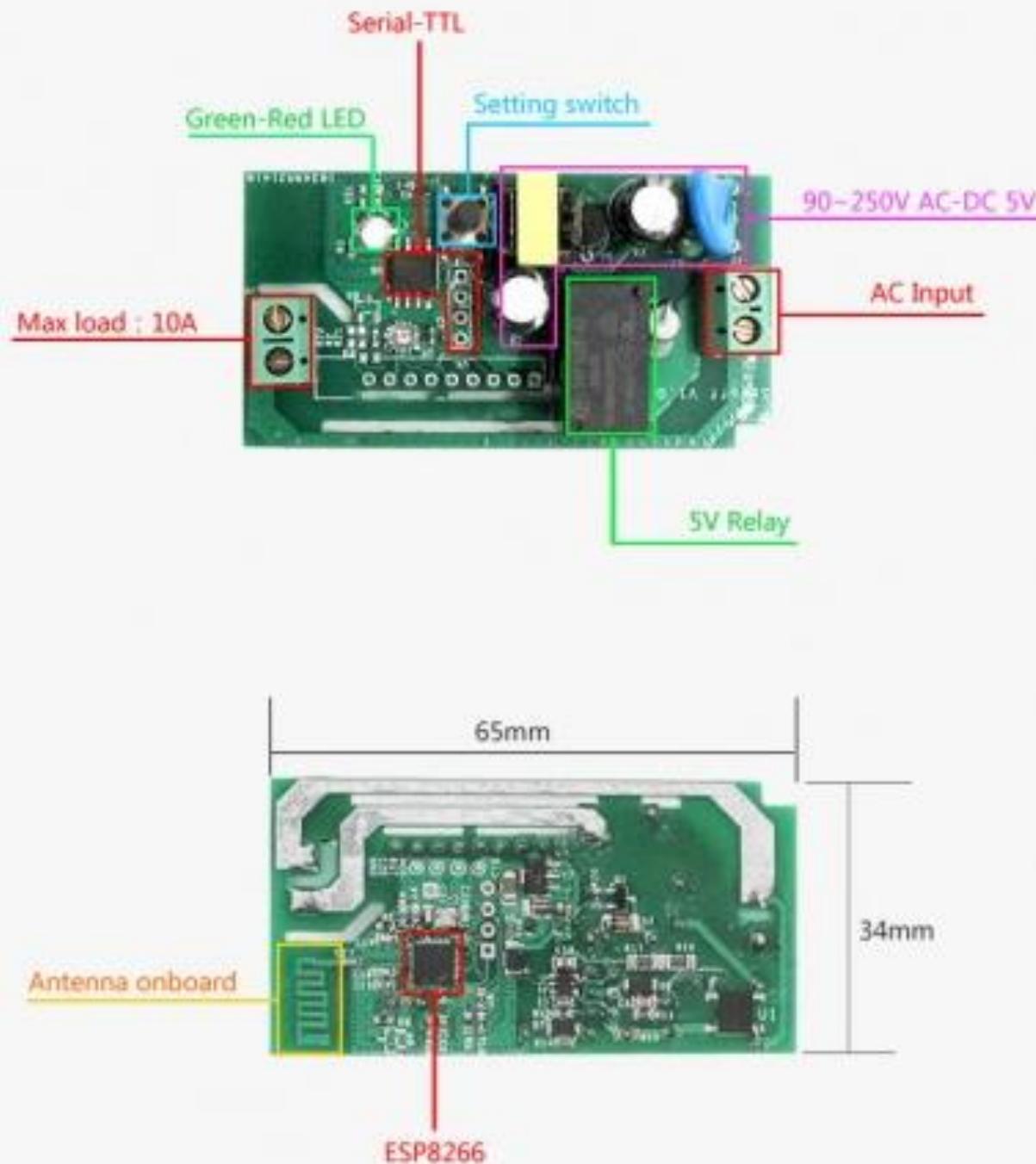


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Sonoff App



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Features

- WiFi
- Status tracking home
- App
- Remotely turn on or off added devices
- N WiFi smart switches one smart phone
- Easy installation
- Easy handling
- Stable

Sonoff-Tasmota firmware

<https://github.com/arendst/Sonoff-Tasmota>

Provide ESP8266 based itead Sonoff with Web, MQTT and OTA firmware using Arduino IDE

119 commits · 1 branch · 45 releases · 2 contributors · GPL-3.0

Branch: master · New pull request

Create new file · Upload files · Find file · Clone or download

arendst v5.2.2

- api v5.1.4
- arduino Add ESP8266-Arduino 2.4.0-rc1 updates
- lib Update library for HVAC
- sonoff v5.2.2
- .gitattributes Add linefeed normalisation
- .gitignore Update platformio info
- .travis.yml v5.1.4
- LICENSE.txt v5.1.0
- README.md v5.2.2
- esp8266.flash.1m0.id Add 1M flash with no spiffs linker script
- platformio.ini Fix typo

Clone with HTTPS Use SSH
Use Git or checkout with SVN using the web URL.
<https://github.com/arendst/Sonoff-Tasmota>

Open in Desktop · Open in Visual Studio · Download ZIP

4 months ago · 5 months ago · 26 days ago · 2 months ago · 2 days ago · 2 months ago · 24 days ago



<https://github.com/arendst/Sonoff-Tasmota>

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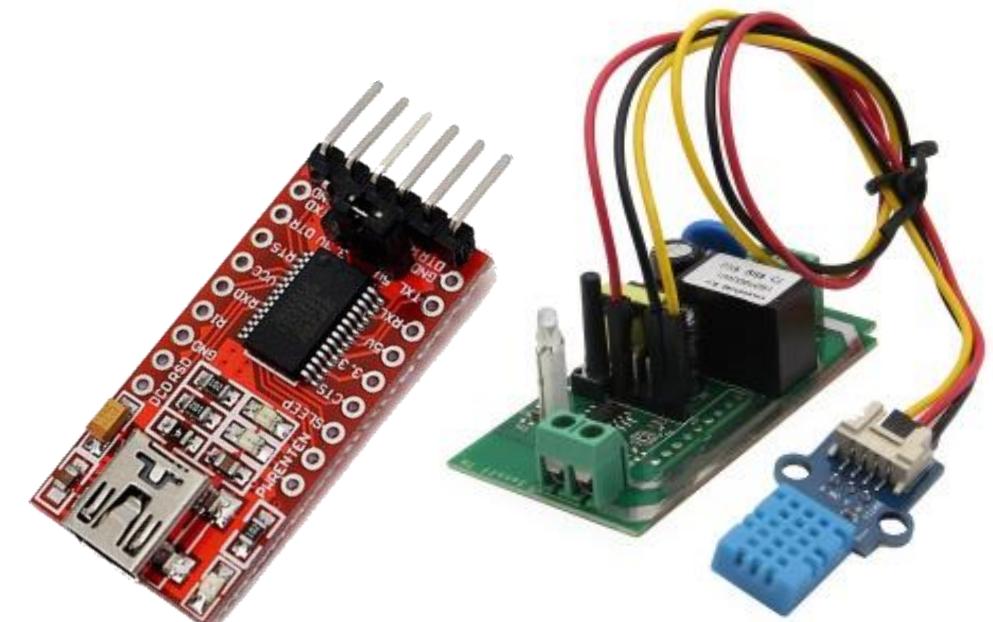
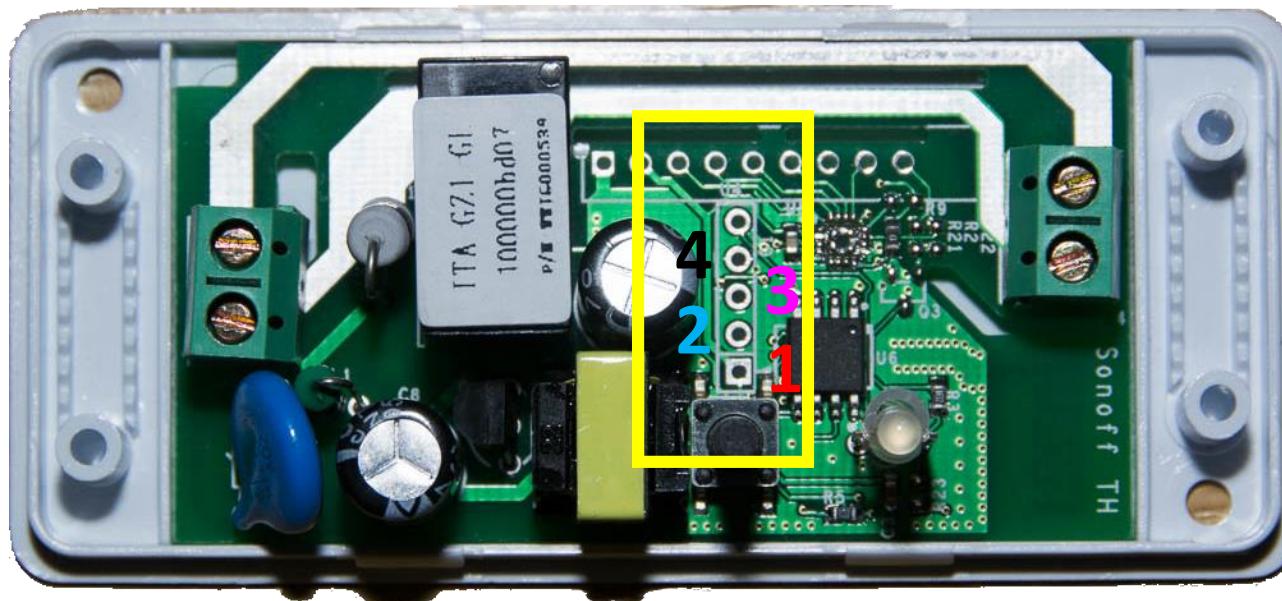
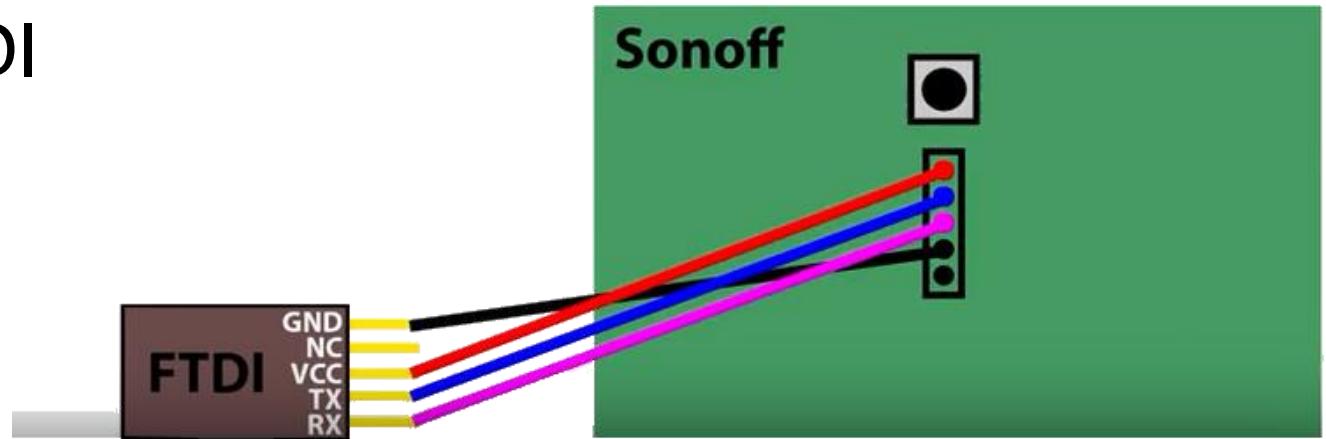
1. Desmontar el SONOFF

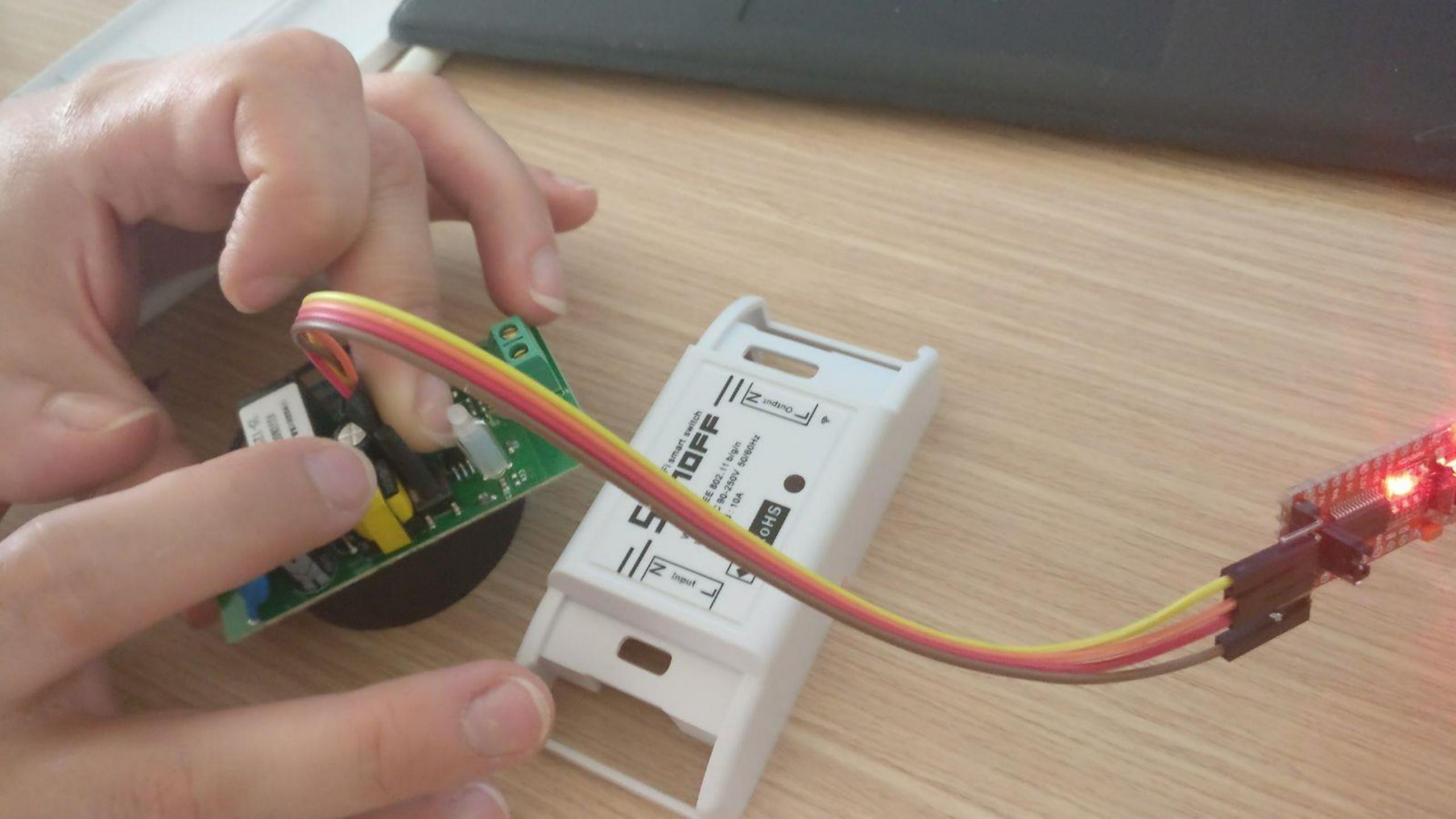


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2. Conectarlo bien a un FTDI

1. VCC → 3V3
2. RX → TX
3. TX → RX
4. GND → GND





Plasmart switch
10FF
Z-Wave
802.11 b/g/n
90-250V 50/60Hz
10A
SH0

Input
Output

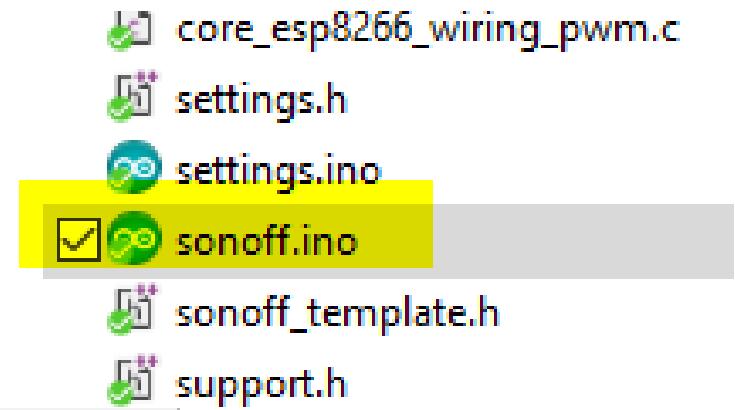
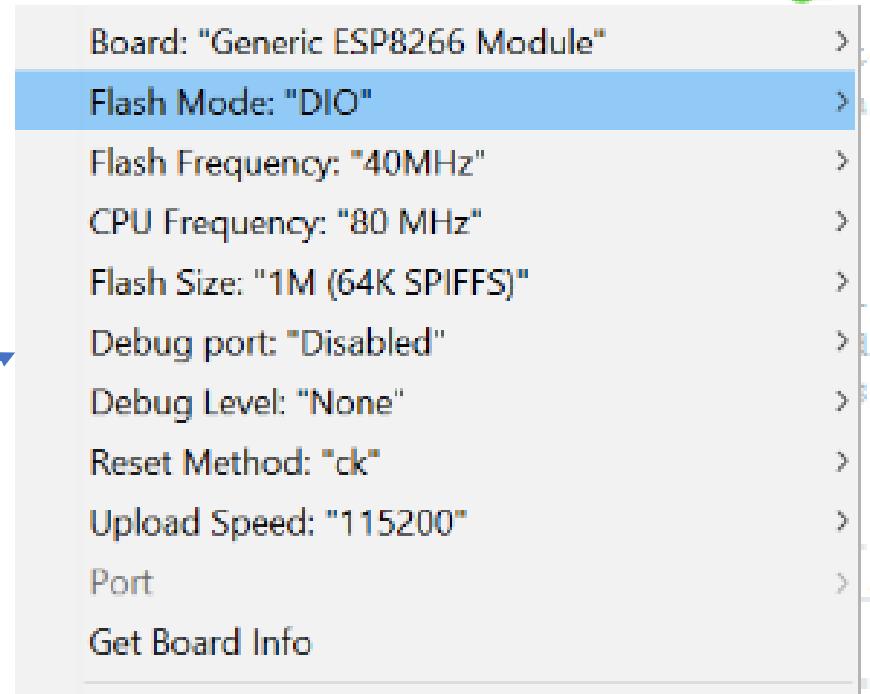
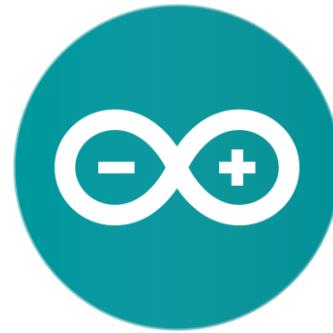
3. Configurar Arduino IDE

Configurar WiFi: user_config.h

File > Preferences > Additional
Boards Manager URLs
http://arduino.esp8266.com/stable/package_esp8266com_index.json

Tools > Board Generic ESP8266
Module
(Tools Board Generic ESP8285
Module for CH4 version)

Options



4. Enchufa....

1) *Ten cuidado de que siempre haga contacto FTDI + SONOFF*

2) Pulsa el botón del sonoff



2) Enchufa el USB



4) Dale al botón “Upload” del Android IDE



Firmata CLICK generic protocol for from software on a host computer any host computer software packa

To download a host software pack to open the list of Firmata clie

<https://github.com/firmata/arduino>

Copyright (C) 2006-2008 Hans-Chr

Copyright (C) 2010-2011 Paul Sta

Copyright (C) 2009 Shigeru Kobay

Copyright (C) 2009-2015 Jeff Hoe

Voilà!!!

<http://sonoff/>

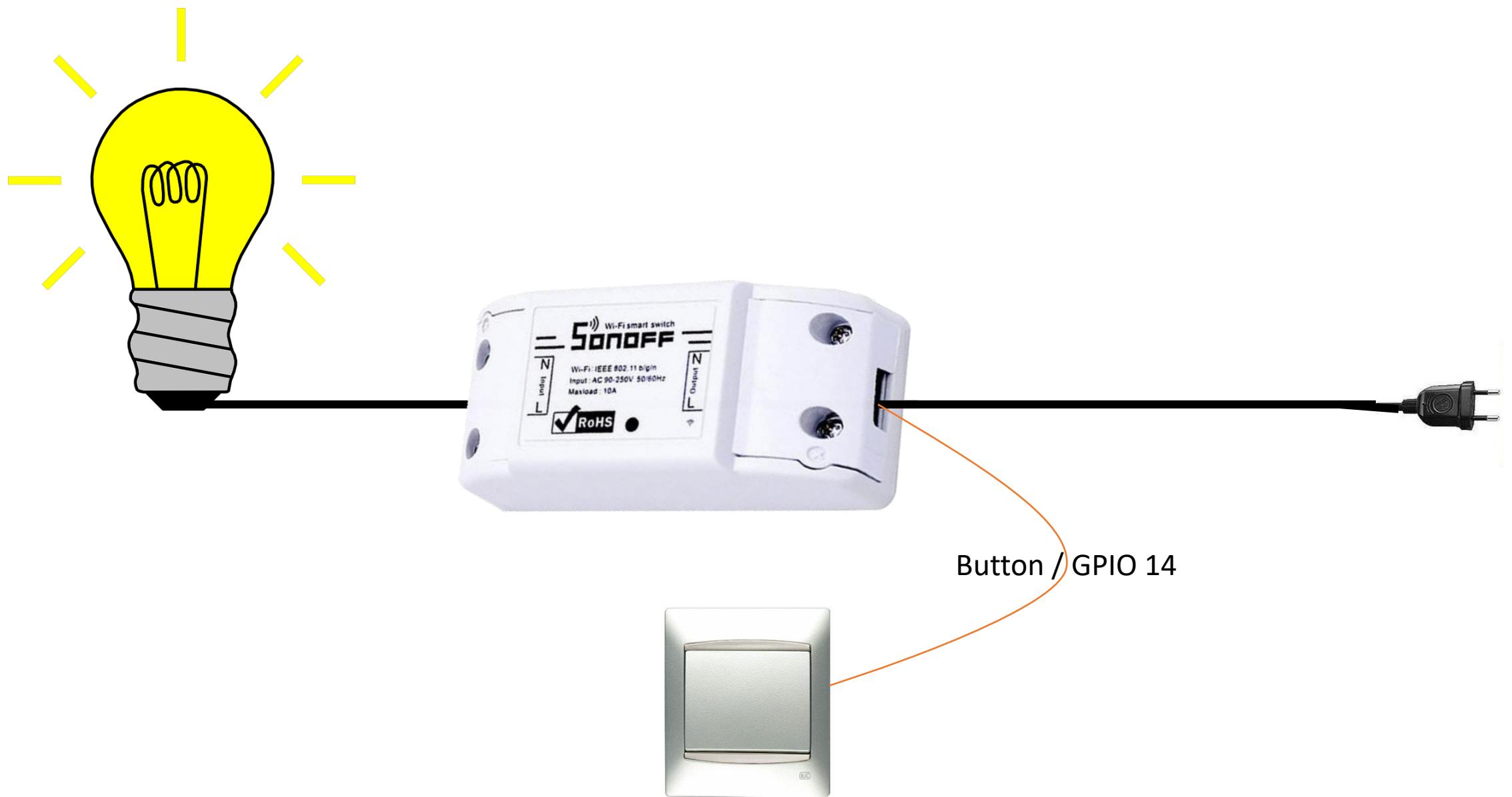
#dotnetMalaga2017



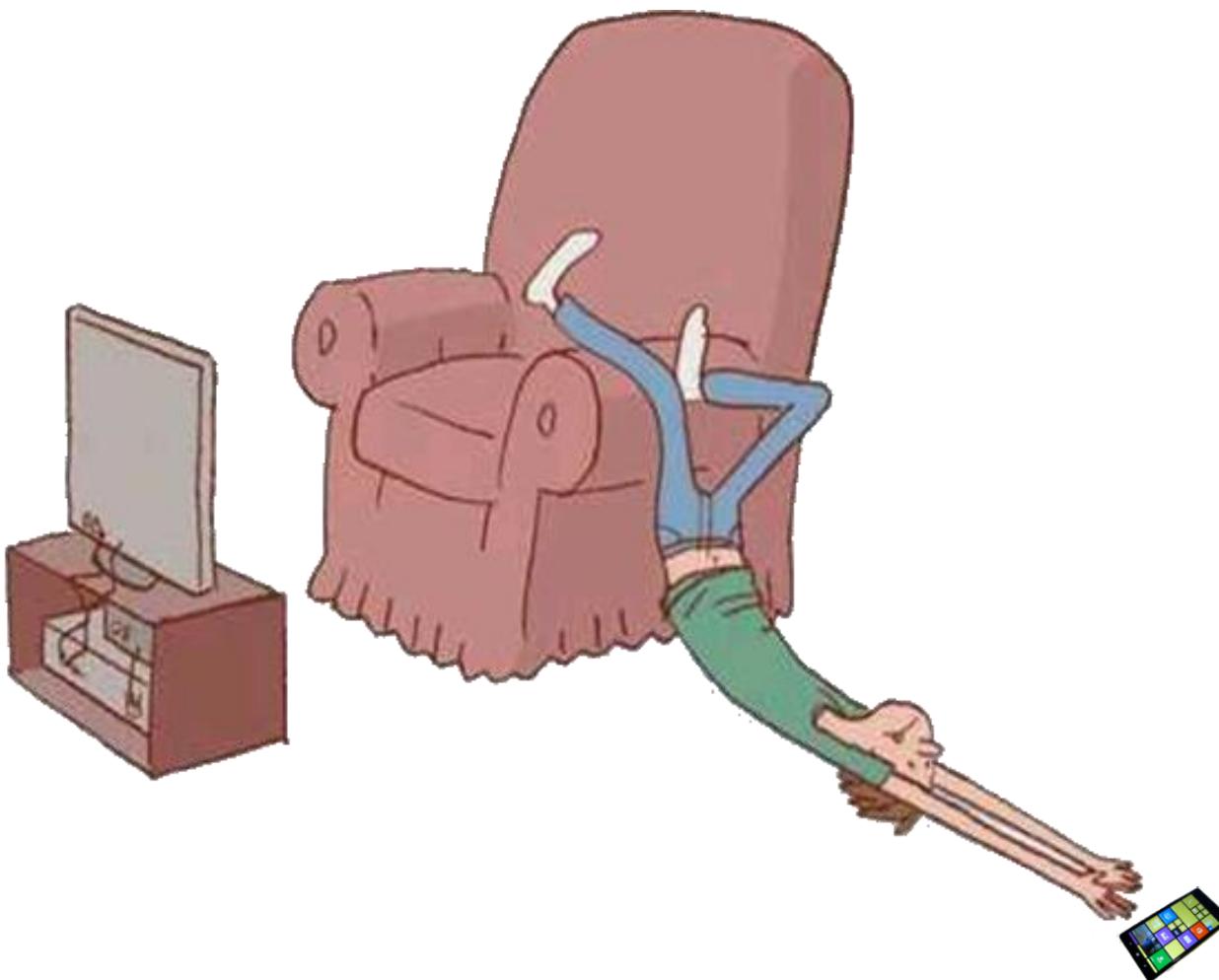
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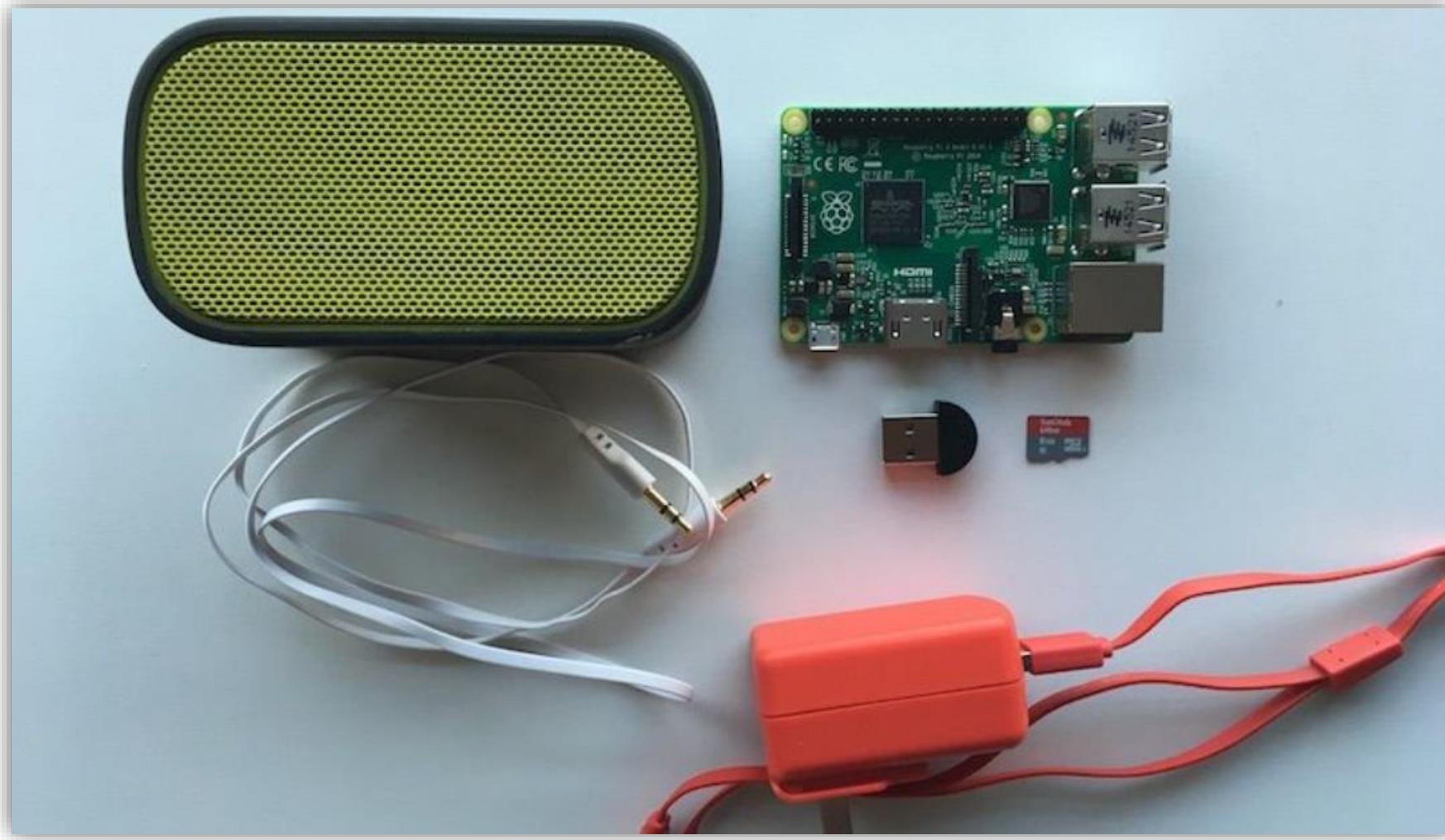
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Welcome to the XXI century!



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<http://lifehacker.com/the-simplest-way-to-build-a-raspberry-pi-powered-amazon-1794218212>

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- Intents
- Entities / Slots + Types
- Utterances

```
{
  "intents": [
    {
      "intent": "LightsOn"
      "slots": [
        {
          "name": "Room",
          "type": "AMAZON.Room"
        }
      ]
    },
    {
      "intent": "LightsOff"
      "slots": [
        {
          "name": "Room",
          "type": "AMAZON.Room"
        }
      ]
    }
  ]
}
```



Intents (8) ADD +

- ▶ LightsOff
- ▶ LightsOn

Slot Types (4) ADD +

AMAZON.Room
AMAZON.US_FIRST_NA...
PowerStates



<https://domoticz.com>

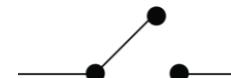
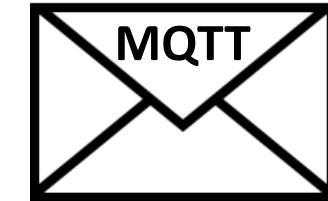


<https://home-assistant.io>

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Alexa



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**OTROS
MINIPROYECTOS
BARATUNOS
QUE NOS "SOLUCIONAN"
LA VIDA**

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LÁMPARA "NOTWIFICADOR"

dr_alarcon @mxrush76 Twitter Timeline Update System Down! #twitterFAIL http://bit.ly/3xRQCZ DM y @Message si funcionan half a minute ago from web

JOHN_AF @wicklesscents yes it does. #TwitterFAIL! less than a minute ago from TweetDeck

XtianHawk @wicklesscents Hey Kim, Still #TwitterFAIL?! 1 minute ago from dabr

Philonist_ Yes. #twitterFAIL RT @LGGrant Ummmm...is something wrong w/ @twitter ??? 2 minutes ago from Power Twitter

Oui68 @Patt ลืม reply or rt ถึงเห็นกันแล้ว? #twitterfail 2 minutes ago from Gravity

ImAFanOfSelenaG What's wrong with Twitter?! Why can't I see new tweets on my homepage? #twitterfail 2 minutes ago from web

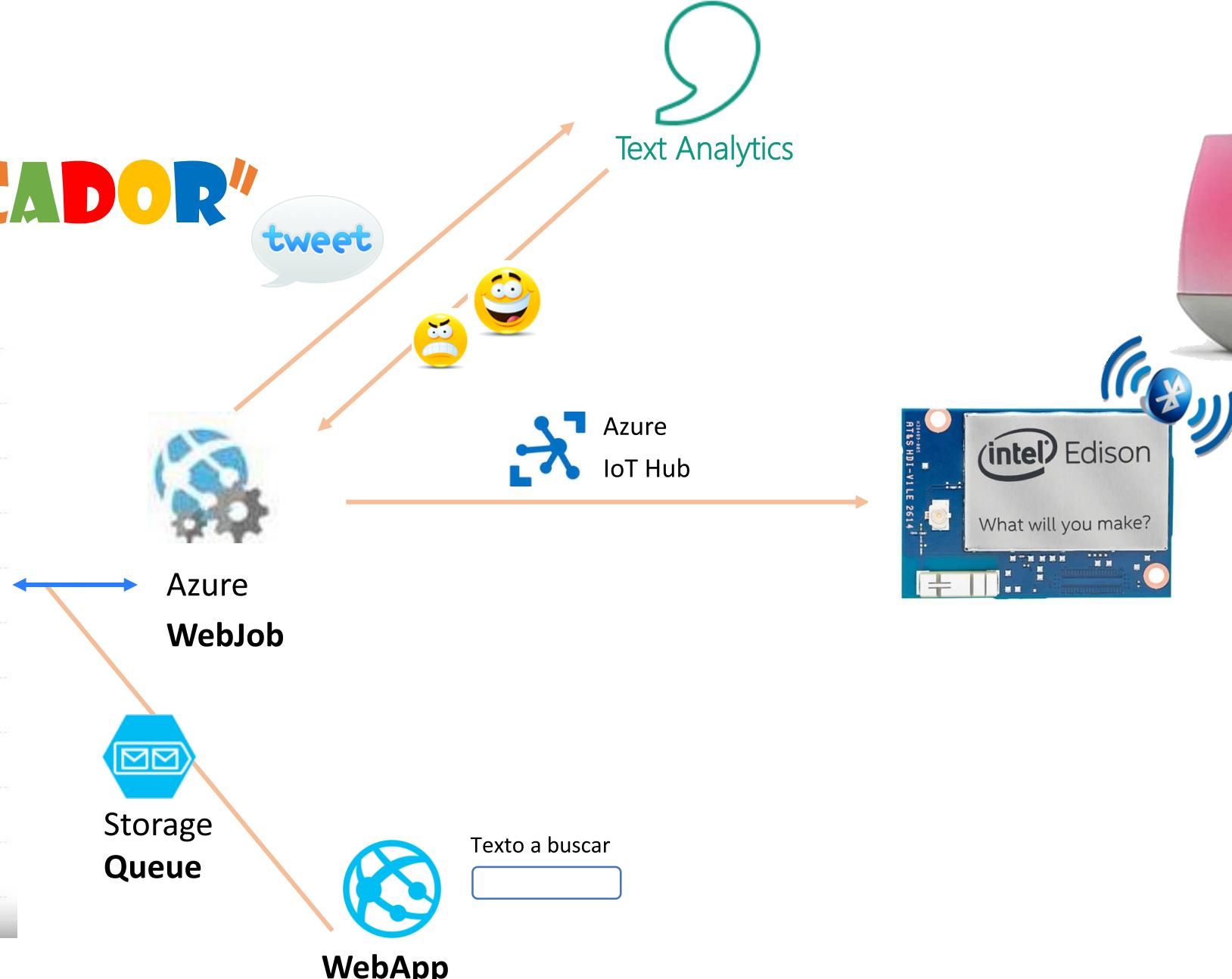
dr_alarcon @MJVega Twitter Timeline Update System Down! #twitterFAIL http://bit.ly/3xRQCZ DM y @Message si funcionan 2 minutes ago from web

KelsyC #twitterfail 2 minutes ago from web

daisypops Bye now. Getting bored talking to myself lol. #twitterfail 3 minutes ago from web

dr_alarcon @eseMendiola Twitter Timeline Update System Down! #twitterFAIL http://bit.ly/3xRQCZ DM y @Message si funcionan 3 minutes ago from web

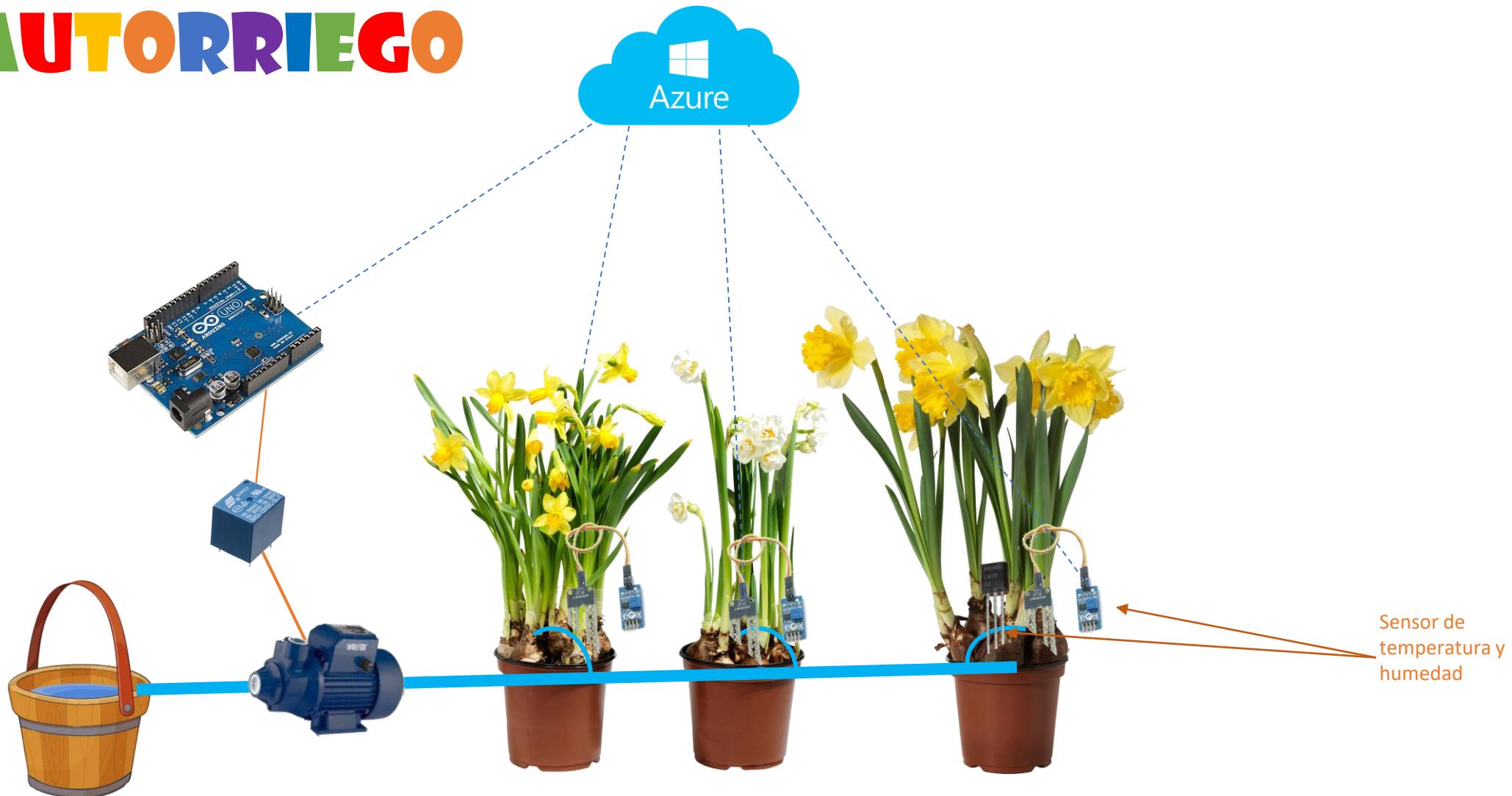
pinguinmaedchen dem kleinen pinguin ist auch #langweilig #twitterfail http://bitpic.com/kq8pb @skoops @cyberfux @sa7yr



<https://github.com/isabelcabezasm/notwificador>

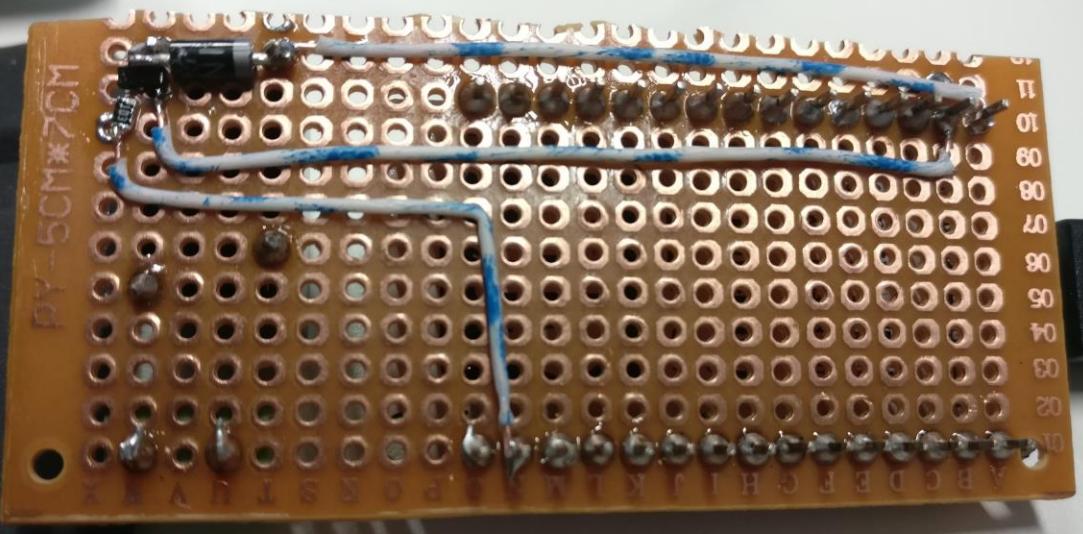
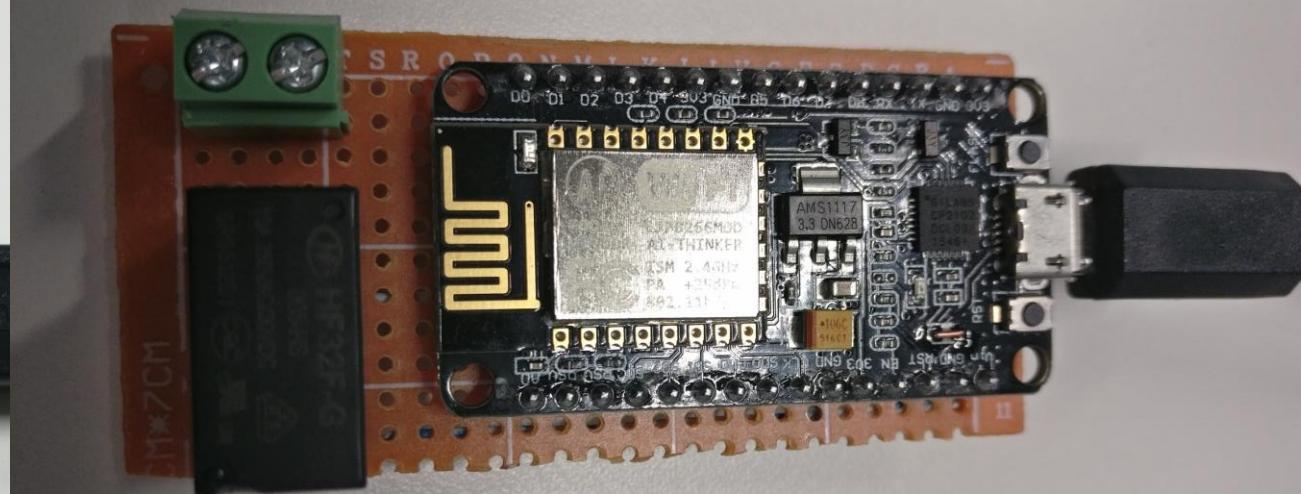
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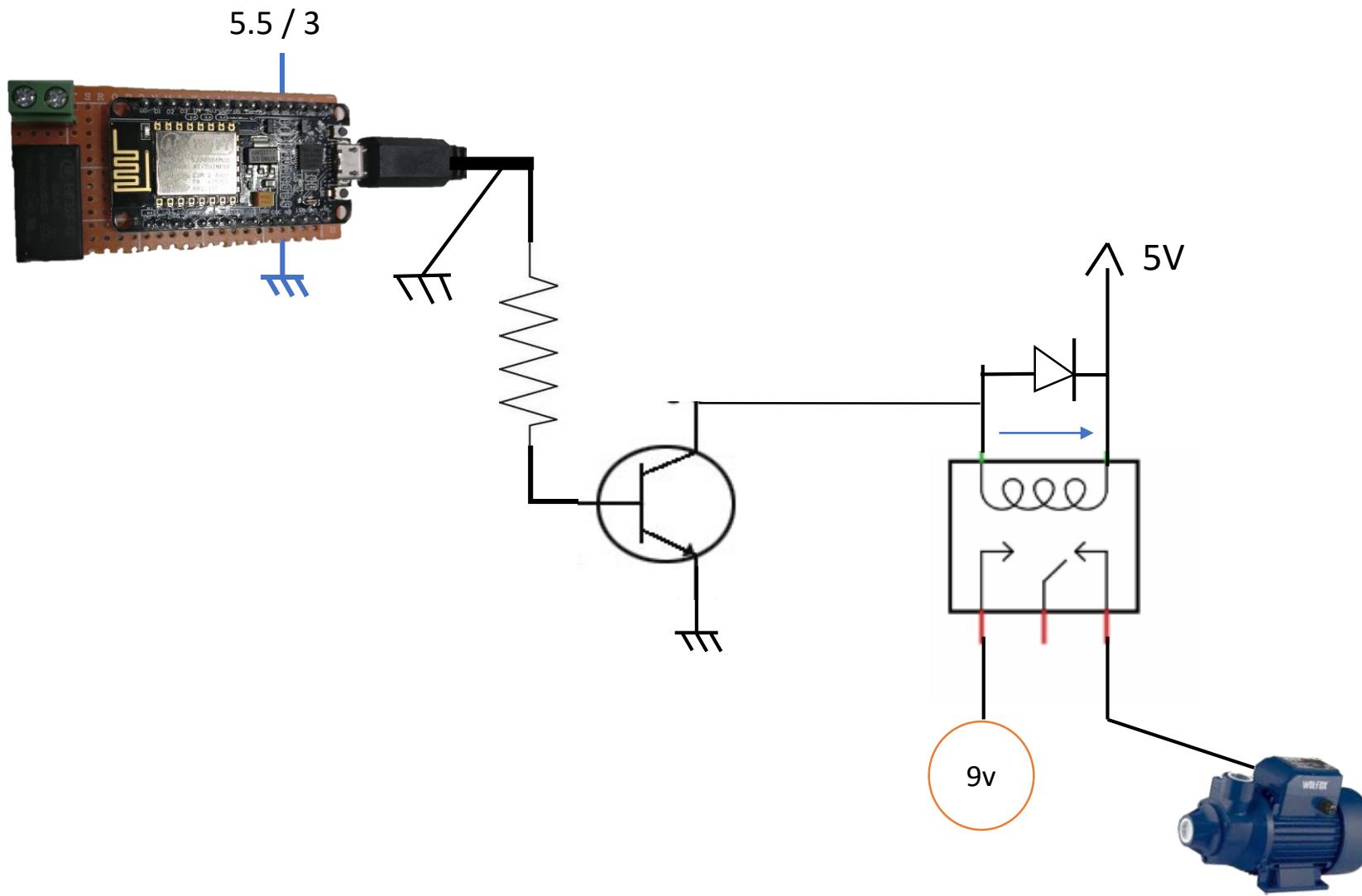
AUTORRIEGO



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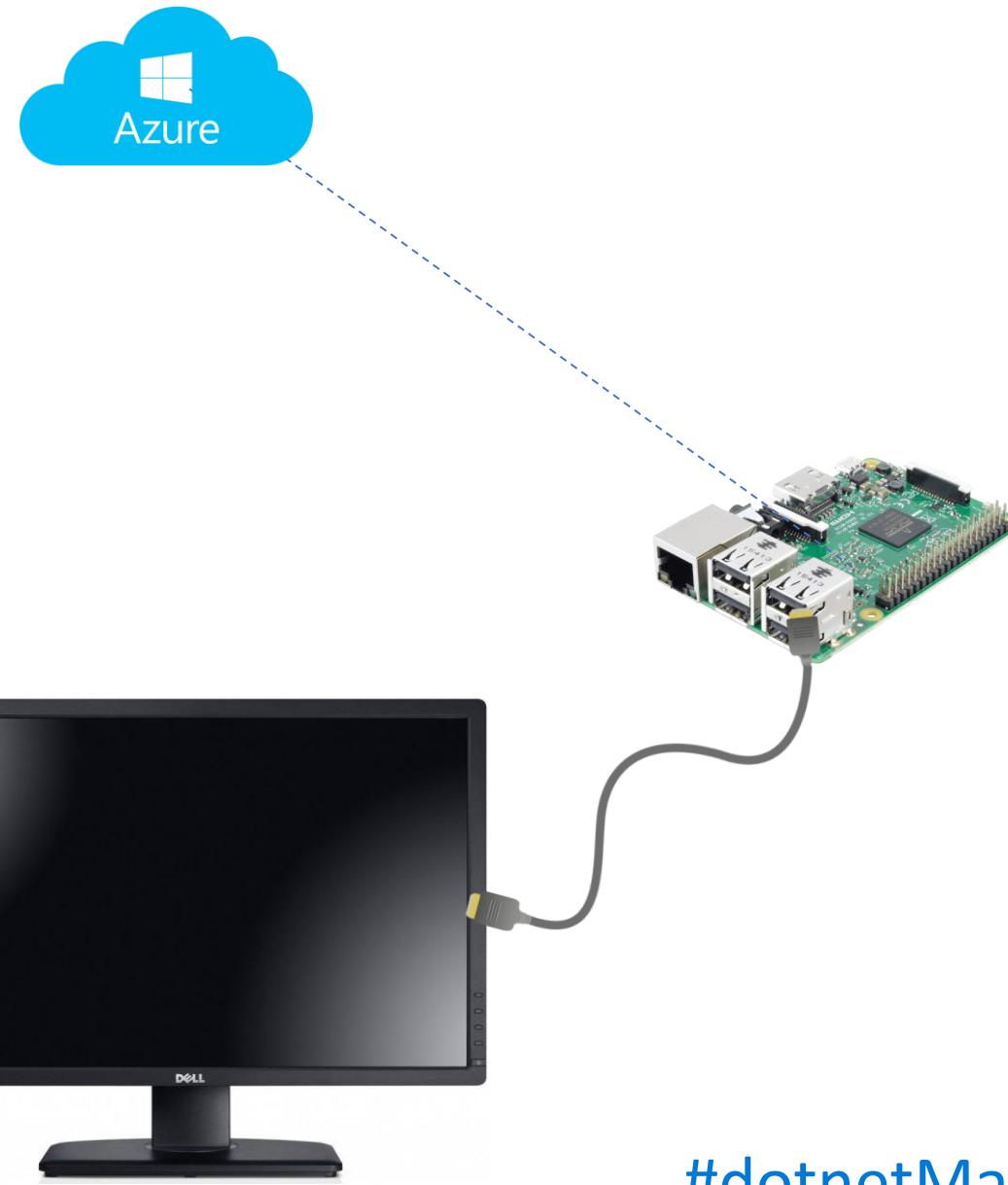
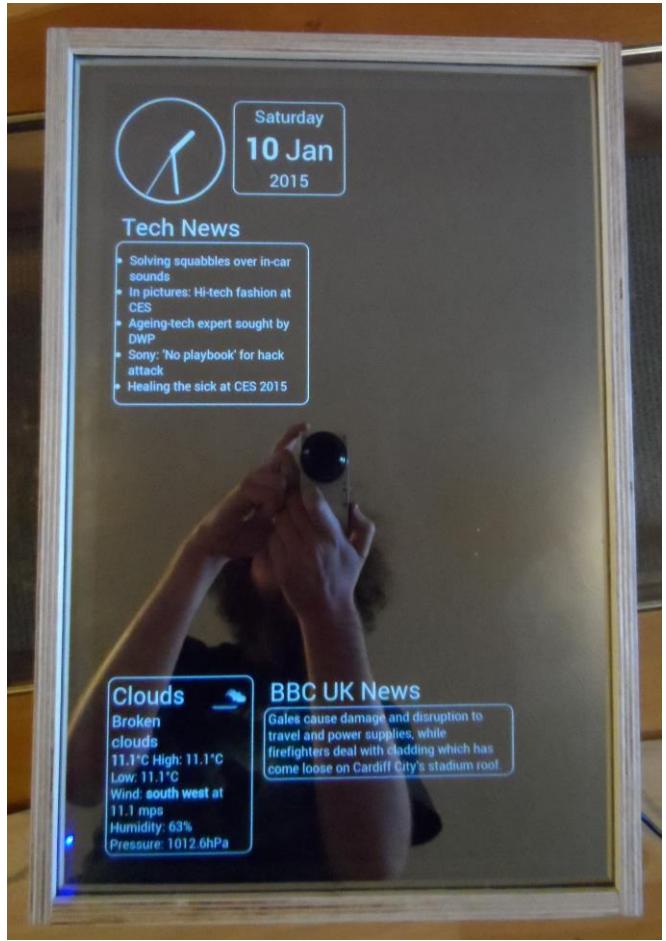
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SMART MIRROR



<https://blogs.windows.com/msedgedev/2016/05/31/magic-mirror-hosted-web-app/#fp5Ee1ijmb5IvIFI.97>

SMART MIRROR

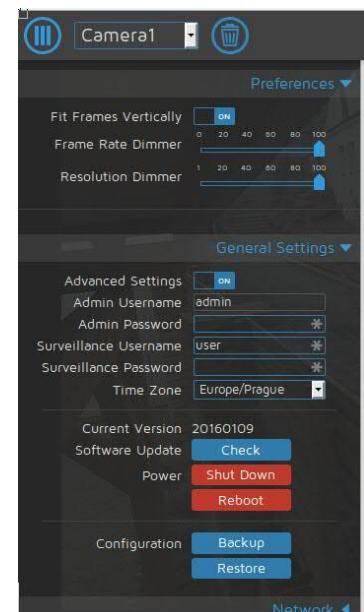
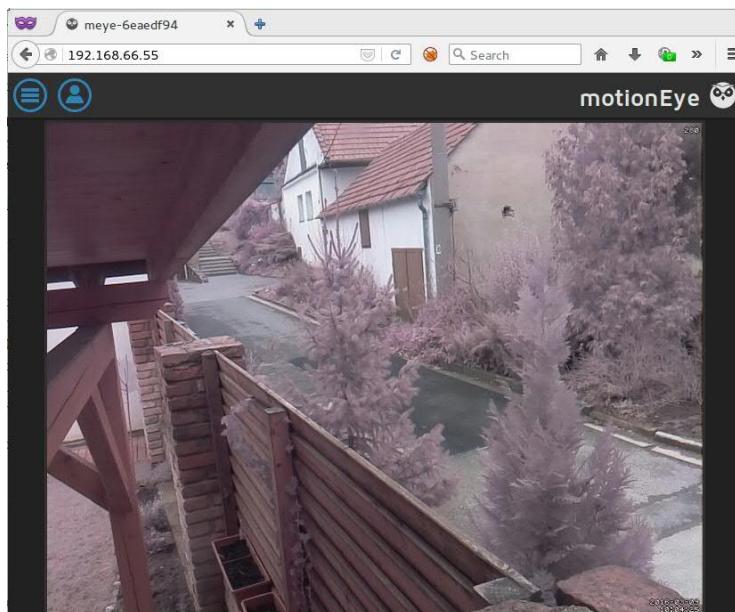


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SECURITY CAMERA IOT

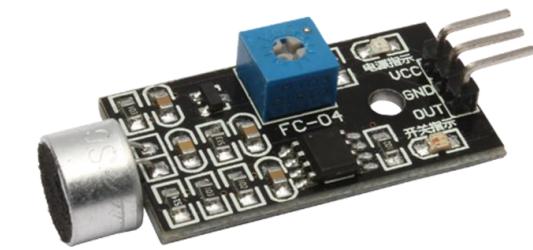
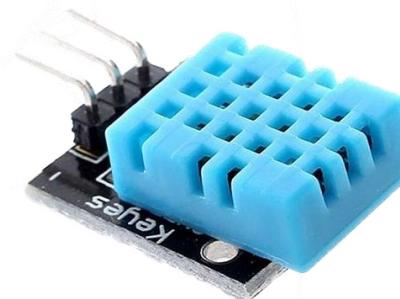
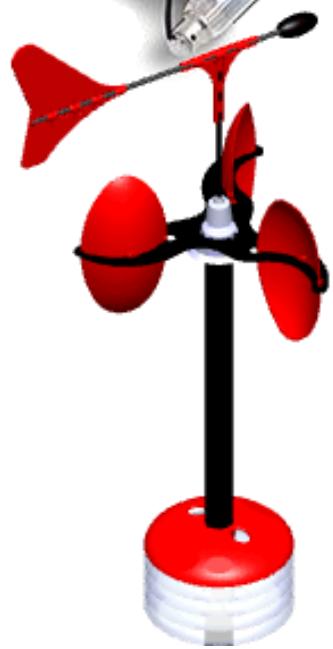
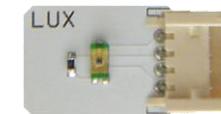
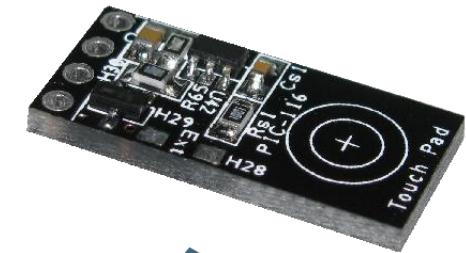
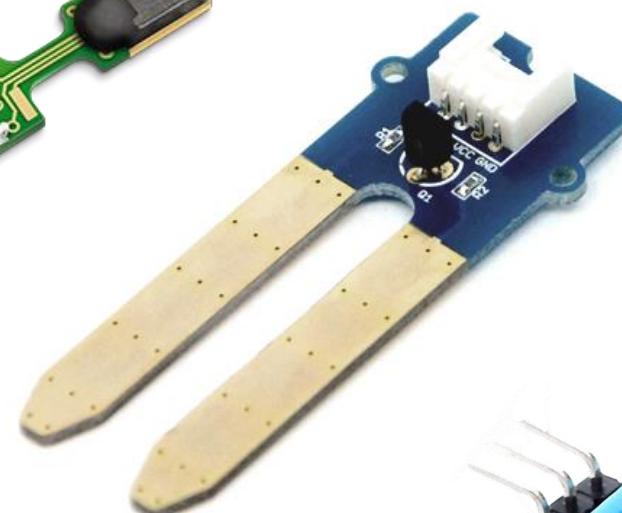
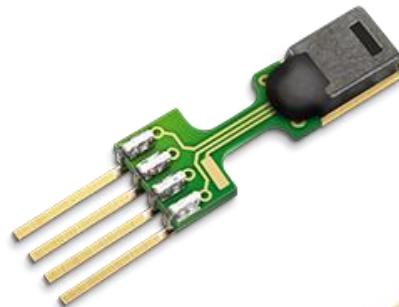
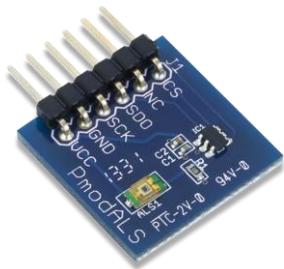
MotionEye OS

- Detección de movimiento
- Grabación de video
- Streaming en vivo
- Notificaciones SMS/email



<https://darkbluebit.com/raspberry-pi/low-cost-security-camera/>

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<https://www.raspberrypi.org/magpi/>



<http://www.instructables.com/howto/iot/>



hackster.io

<http://hackster.io>



Hackaday

<https://hackaday.com>

coursera

<https://www.coursera.org>

udemy

<https://www.udemy.com>

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Q&A?

(Si queda que no suele pasar....)



¡¡Gracias!!

Isabel Cabezas - **@isabelcabezasm**

Juliet Moreiro - **@julietsvq**

la térmica
CENTRO DE CULTURA CONTEMPORÁNEA



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