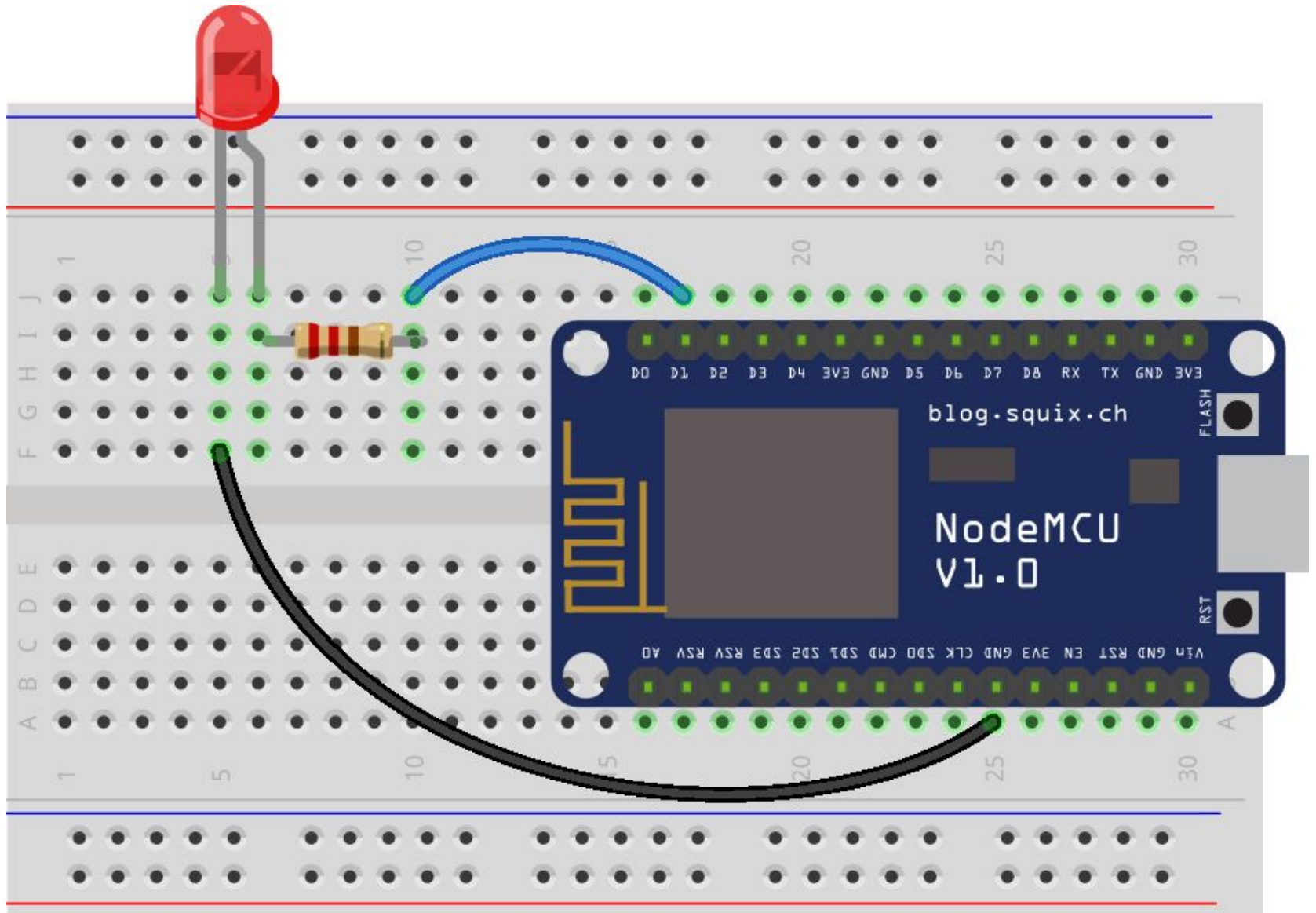


# Interfacing an LED with NodeMCU

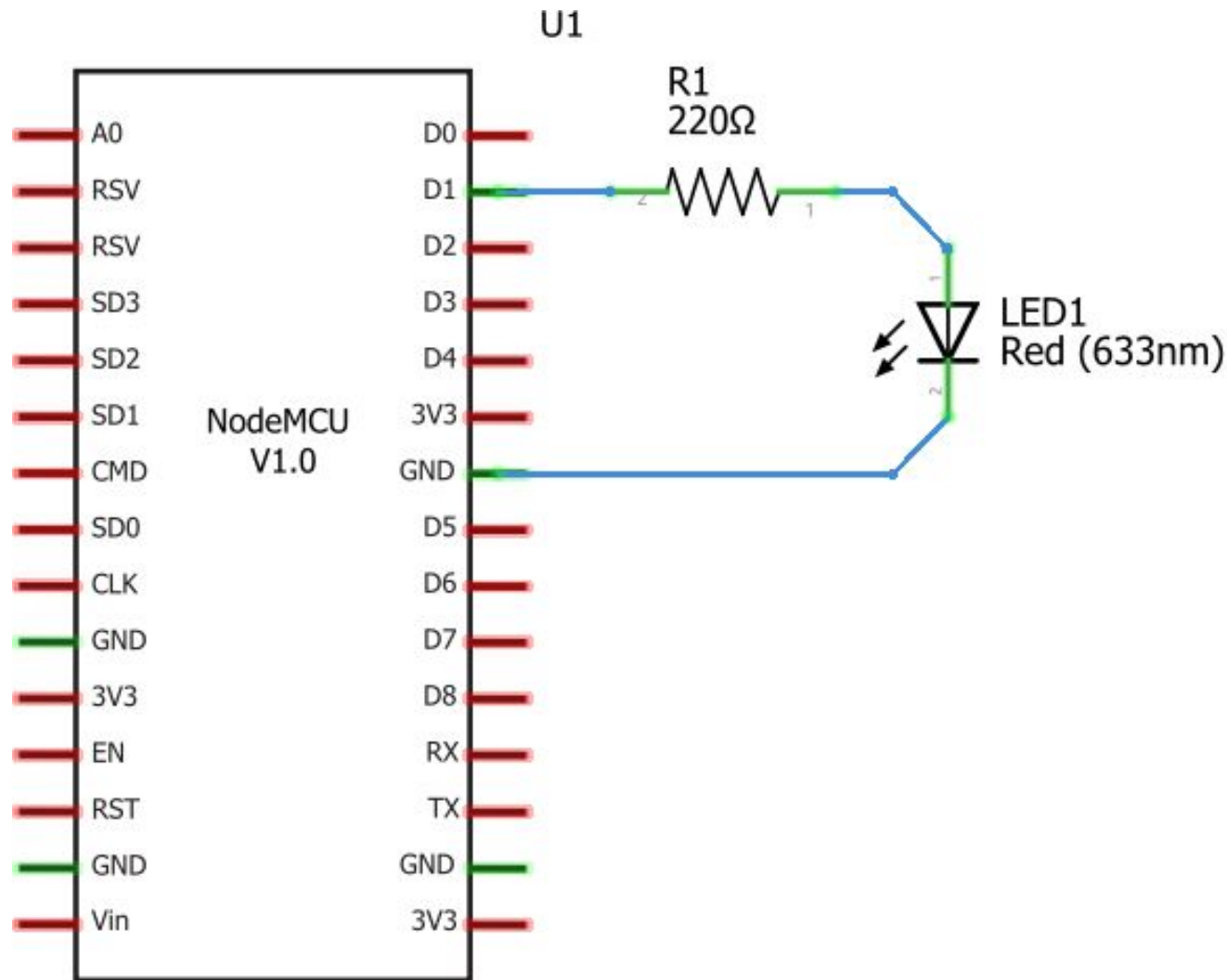


fritzing

Layout designed using Fritzing® - <http://fritzing.org>

NodeMCU part Source(s): <https://github.com/squix78/esp8266-fritzing-parts/tree/master/nodemcu-v1.0>

# Interfacing an LED with NodeMCU



fritzing

# Momentary Tactile or Mini Push Button Switch

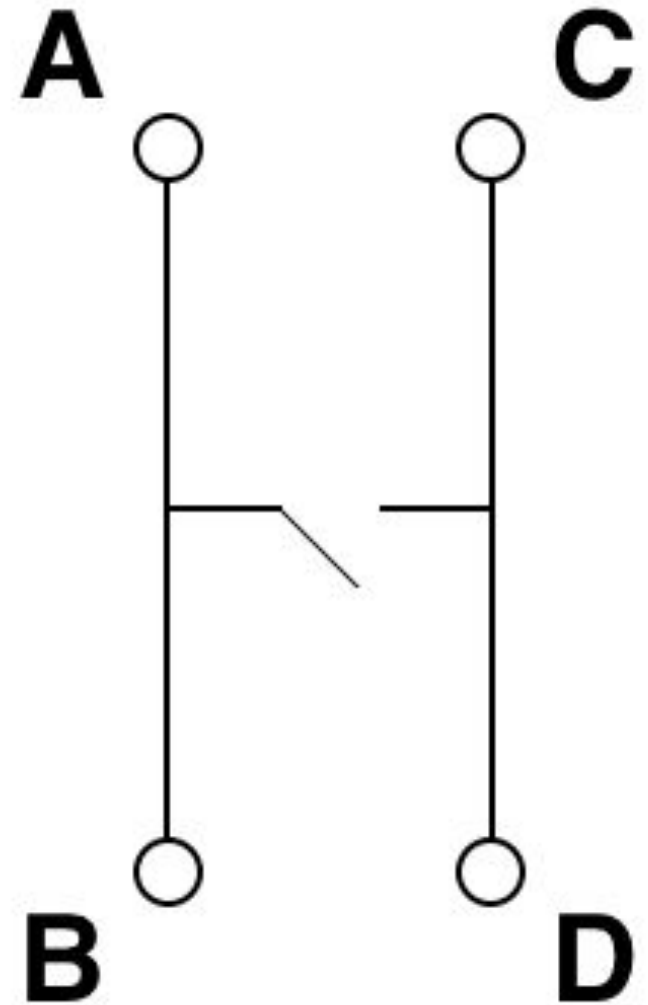
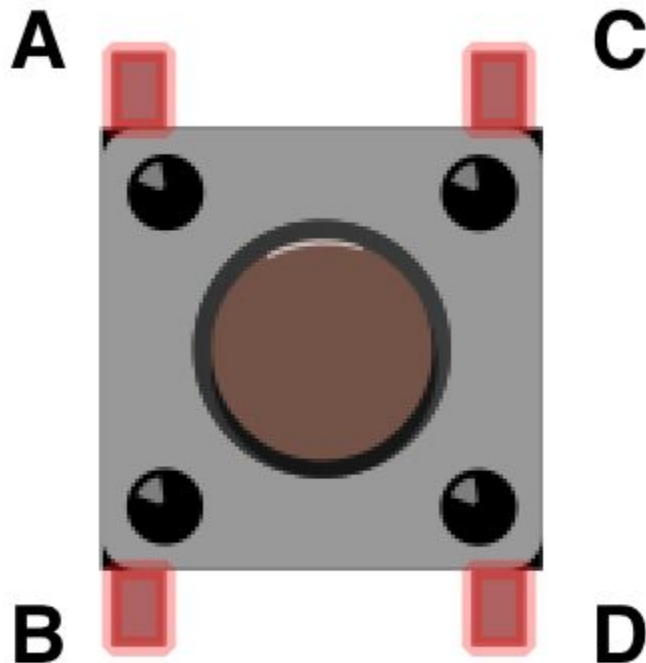
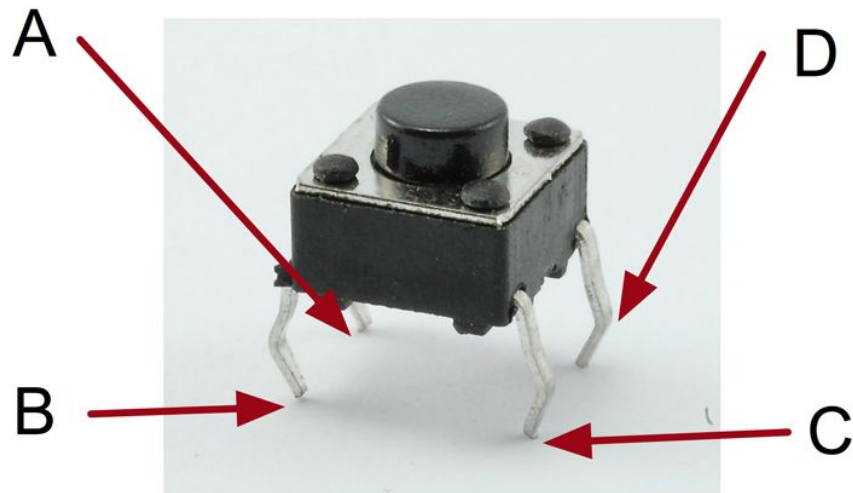
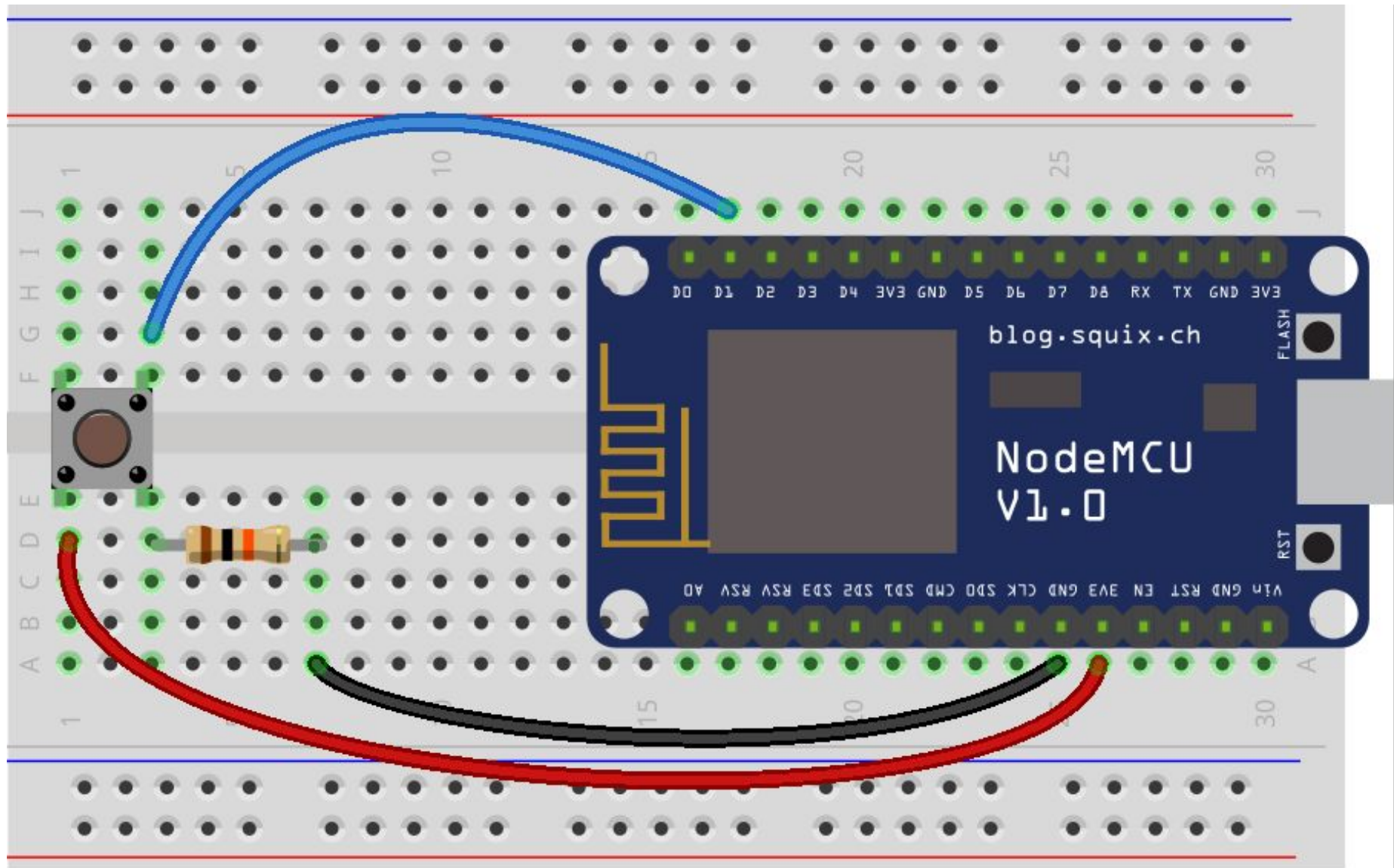


Image Source(s):

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[https://docs.labs.mediatek.com/resource/linkit7697-arduino/files/en/12880064/12880062/1/1498095674923/button\\_sch.png](https://docs.labs.mediatek.com/resource/linkit7697-arduino/files/en/12880064/12880062/1/1498095674923/button_sch.png)

# Interfacing Mini Push Button Switch with NodeMCU



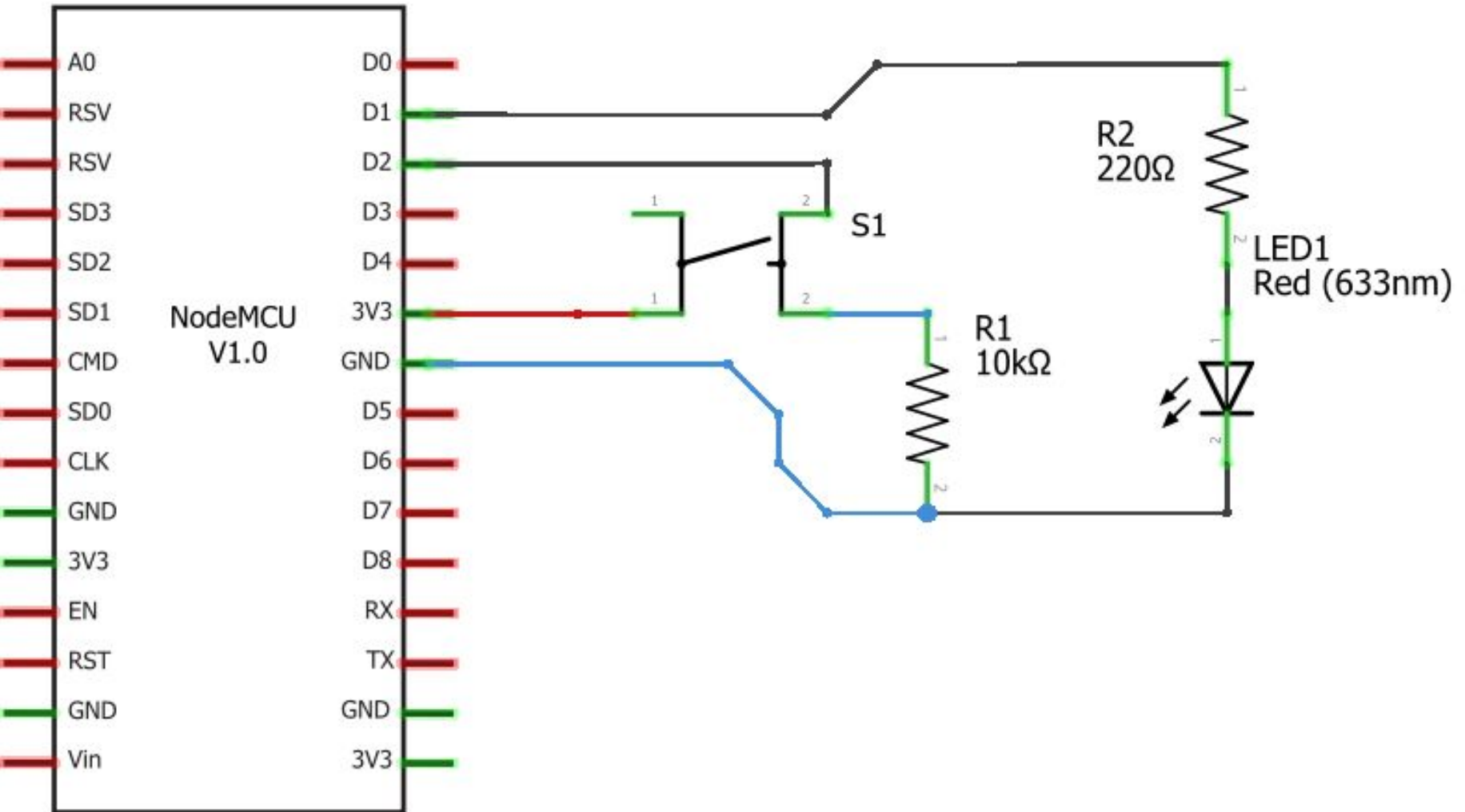
fritzing

Layout designed using Fritzing® - <http://fritzing.org>

NodeMCU part Source(s): <https://github.com/squix78/esp8266-fritzing-parts/tree/master/nodemcu-v1.0>

# Interfacing Mini Push Button Switch & LED with NodeMCU

U1



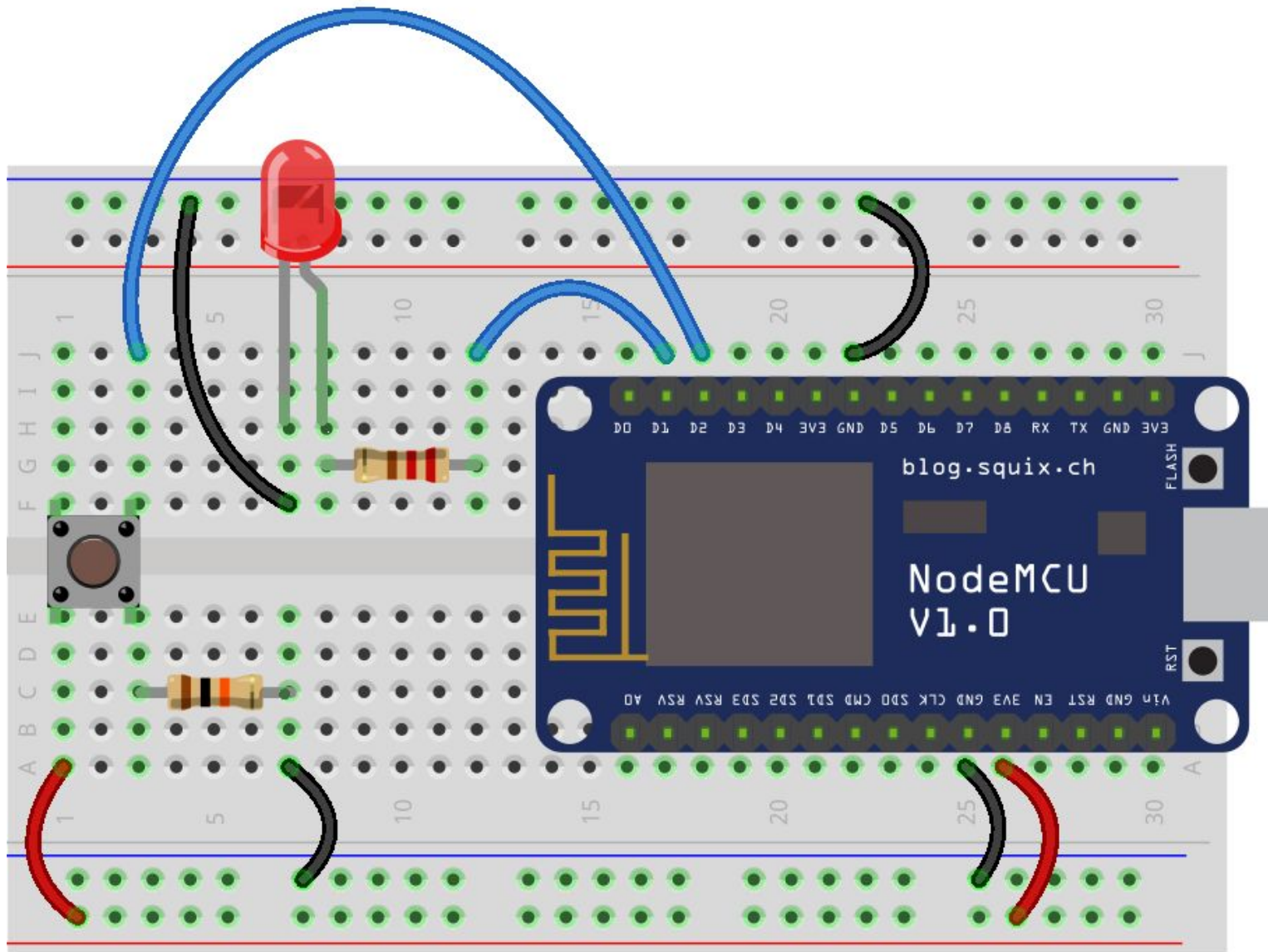
fritzing

Layout designed using Fritzing® - <http://fritzing.org>

NodeMCU part Source(s): <https://github.com/squix78/esp8266-fritzing-parts/tree/master/nodemcu-v1.0>



# Interfacing Mini Push Button Switch with NodeMCU

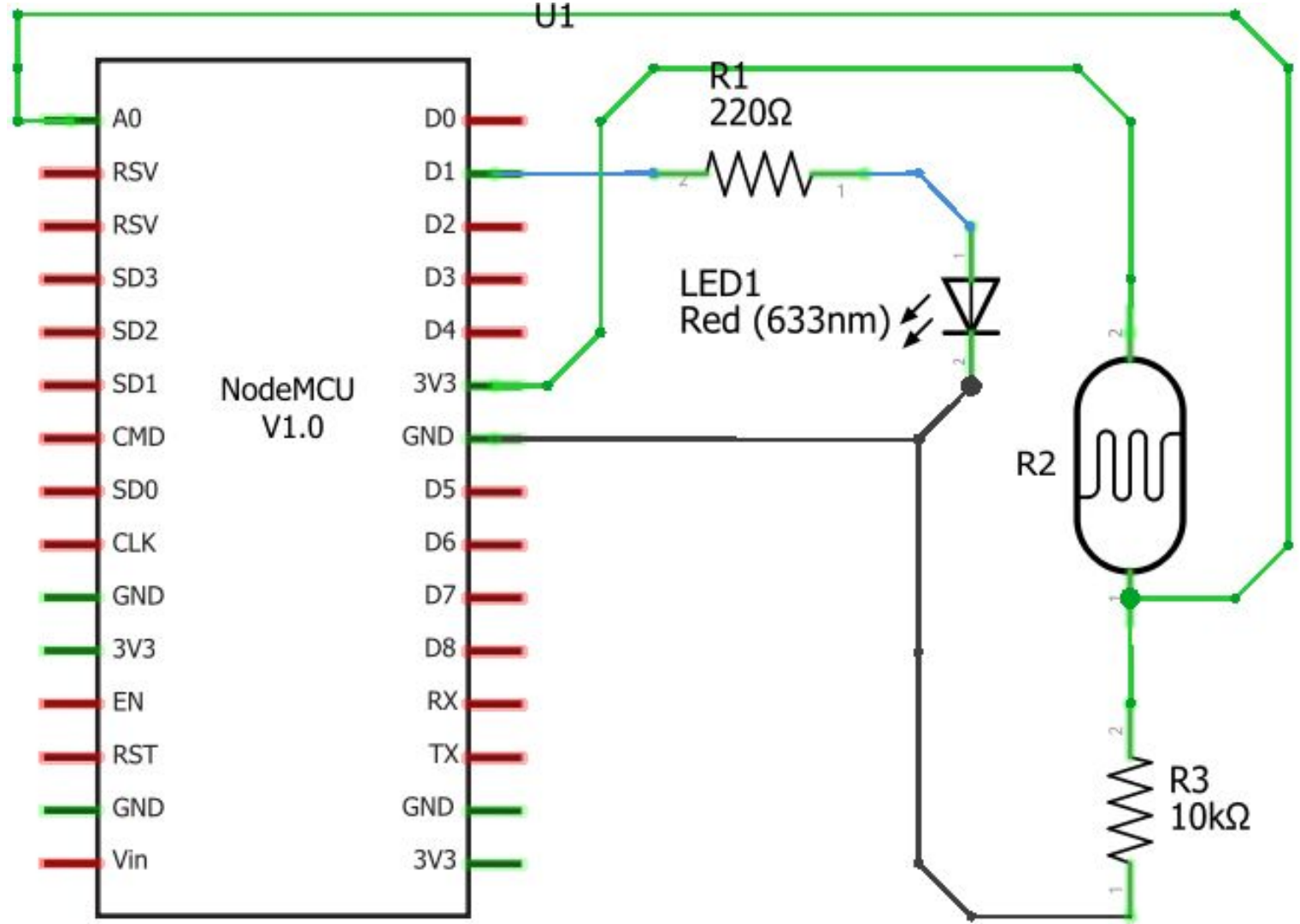


fritzing

Layout designed using Fritzing® - <http://fritzing.org>

NodeMCU part Source(s): <https://github.com/squix78/esp8266-fritzing-parts/tree/master/nodemcu-v1.0>

# Interfacing LDR with NodeMCU

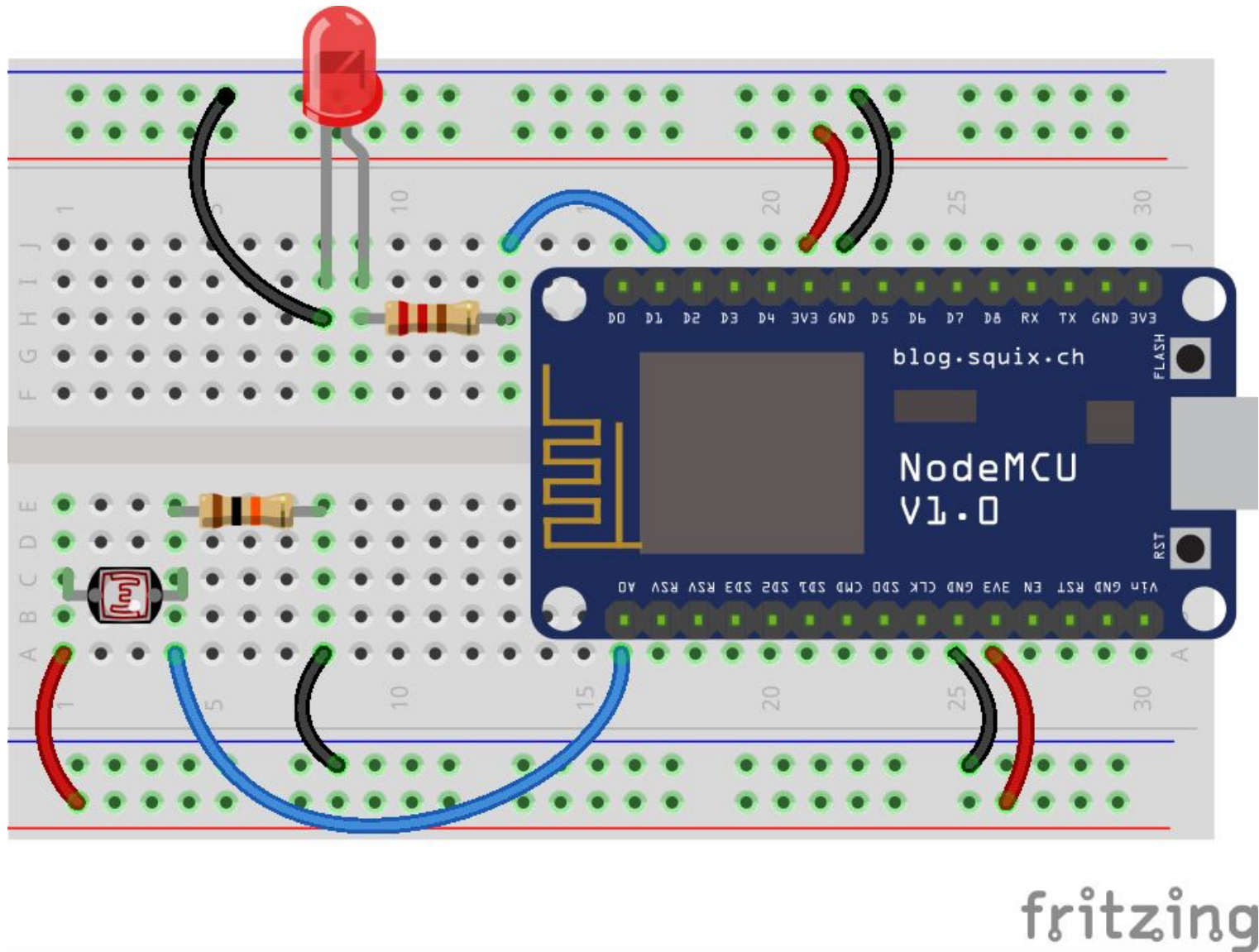


fritzing

Layout designed using Fritzing® - <http://fritzing.org>

NodeMCU part Source(s): <https://github.com/squix78/esp8266-fritzing-parts/tree/master/nodemcu-v1.0>

# Interfacing LDR with NodeMCU



fritzing

Layout designed using Fritzing® - <http://fritzing.org>

NodeMCU part Source(s): <https://github.com/squix78/esp8266-fritzing-parts/tree/master/nodemcu-v1.0>



# PIR Motion Detector - HCR501 with Fresnel Lens

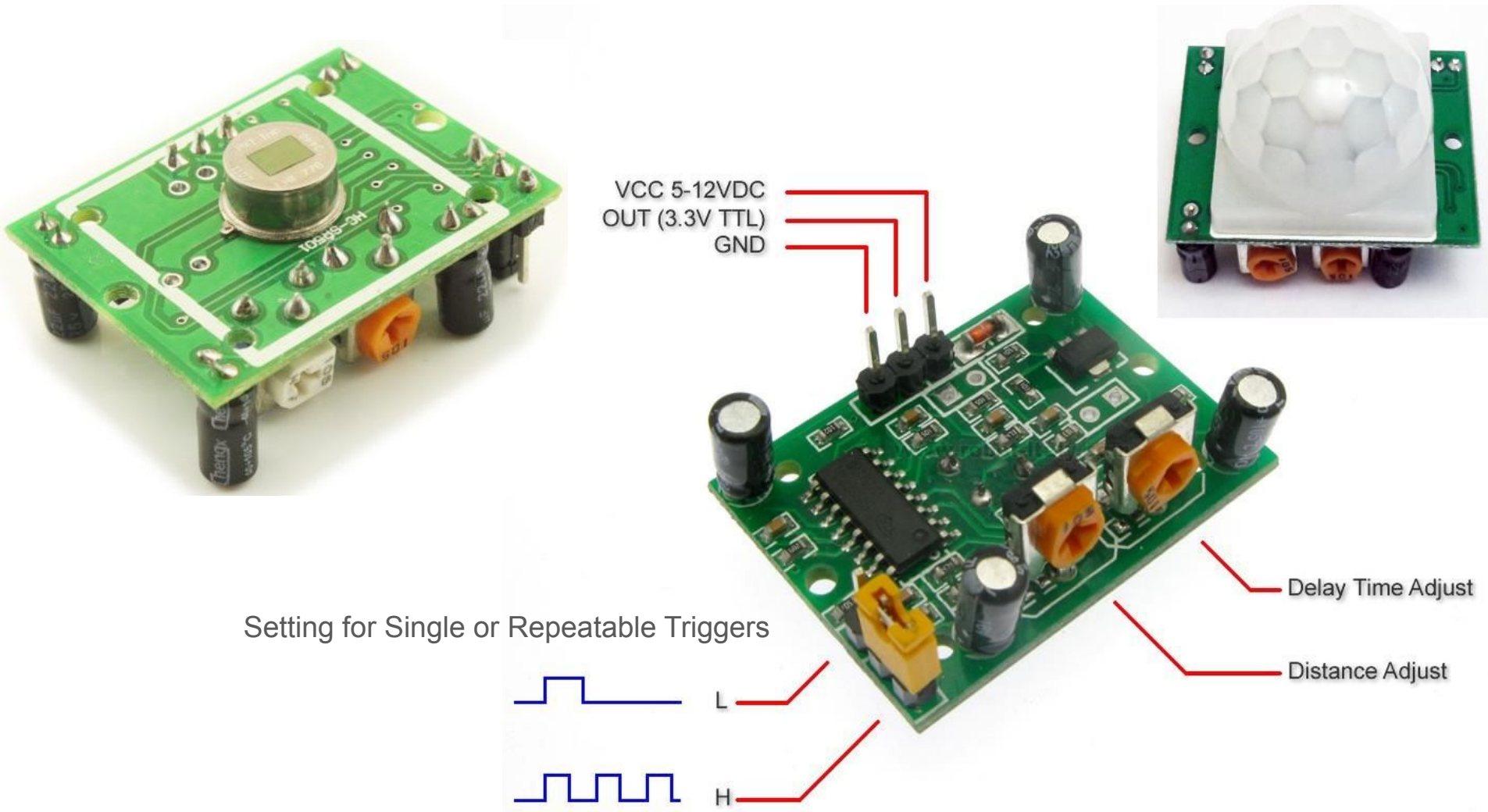


Image Source:

[https://c.76.my/Malaysia/hc-sr501-motion-sensor-arduino-ir-bodypassive-infrared-sensor-module-redbean77-1711-20-F625876\\_1.jpg](https://c.76.my/Malaysia/hc-sr501-motion-sensor-arduino-ir-bodypassive-infrared-sensor-module-redbean77-1711-20-F625876_1.jpg)

# Passive Infrared Motion Sensor with Fresnel Lens Focusing

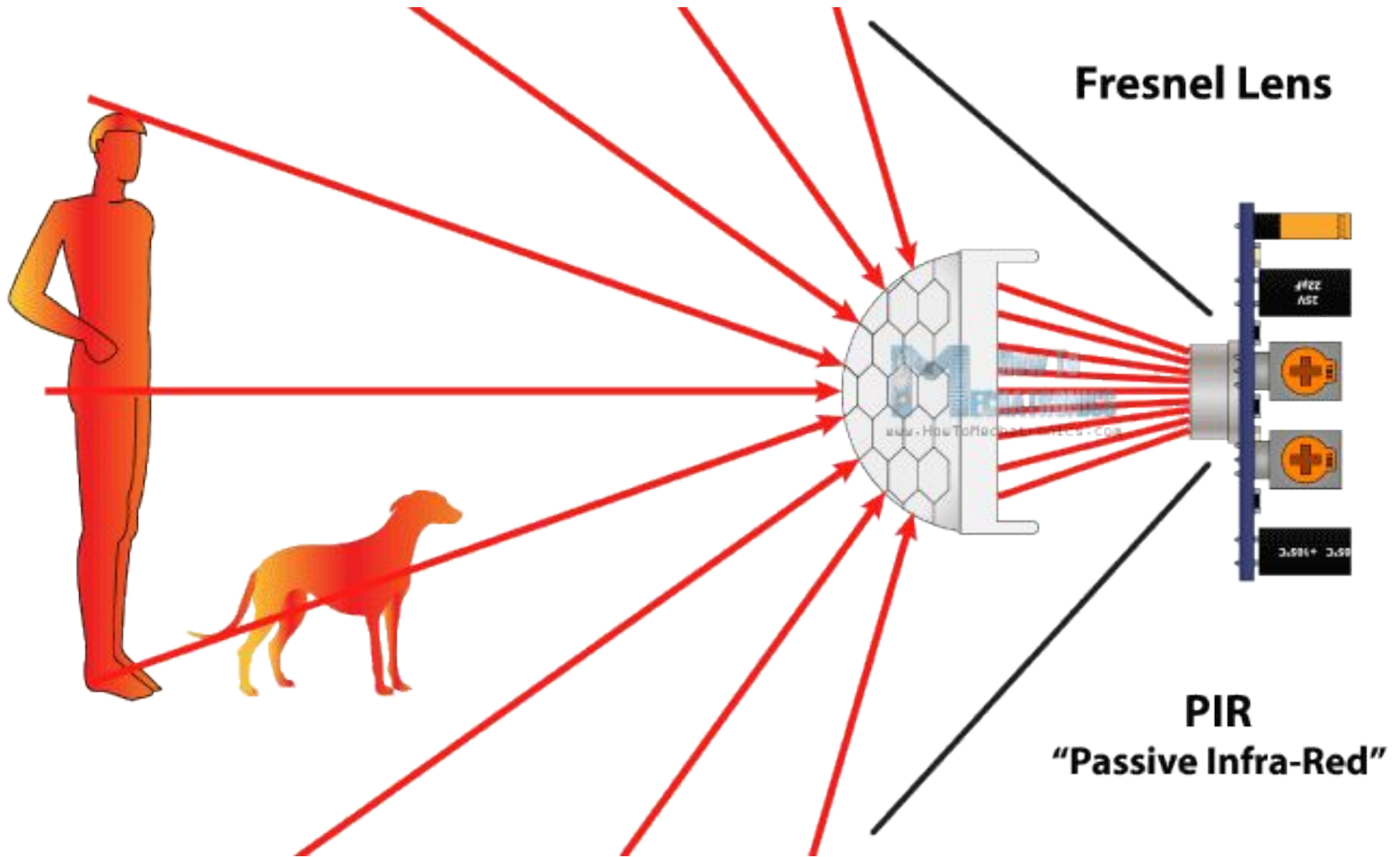


Image Source(s):

<https://howtomechatronics.com/wp-content/uploads/2015/09/PIR-Motion-Sensor-How-It-Works.png>

# Passive Infrared Motion Detection

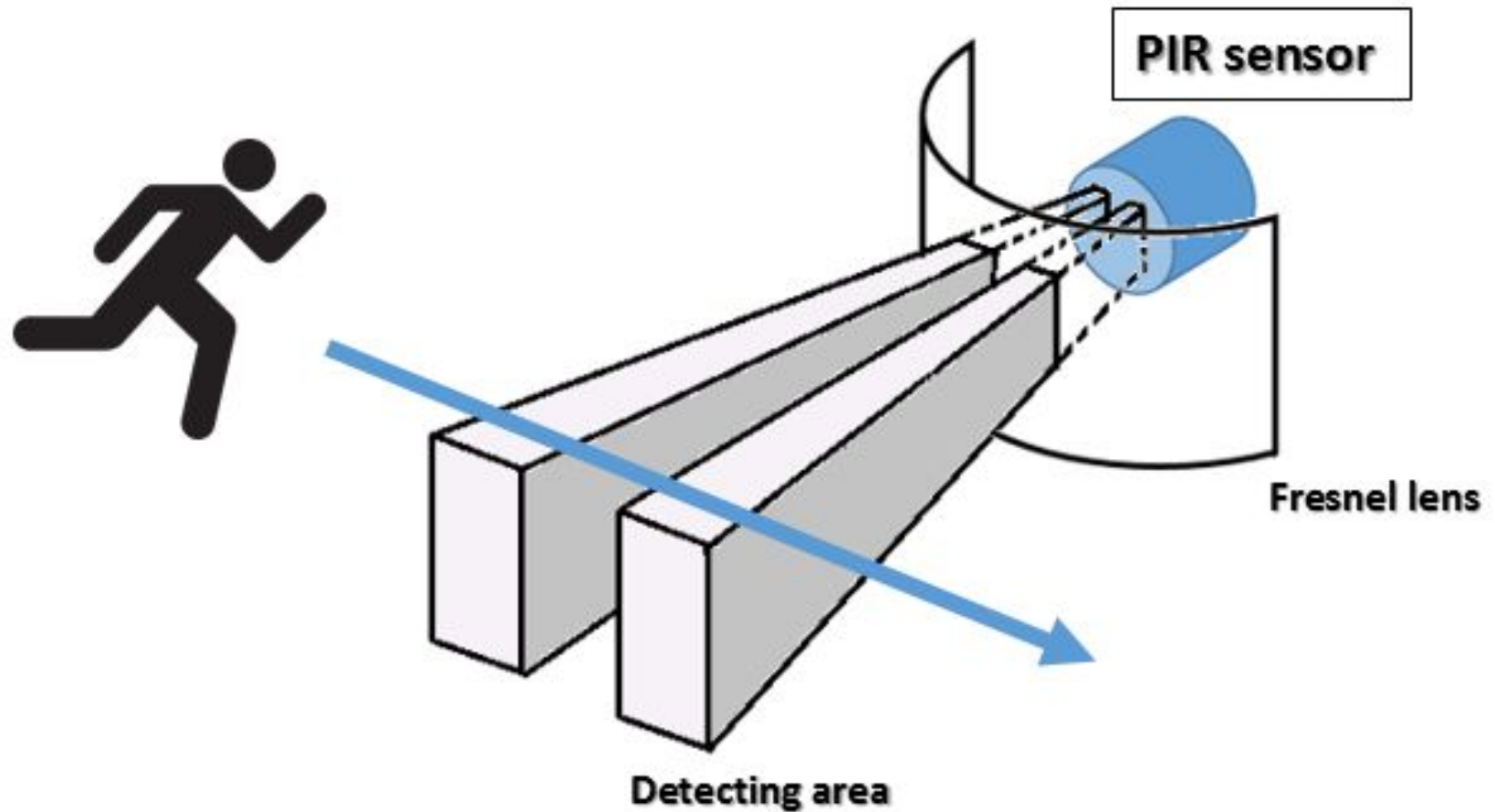


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<https://static1.squarespace.com/static/557f31e6e4b0971f7f8bcac6/t/5b04a73e352f53cc9e14f413/1527031679239/Meccanismo-Complesso-PIR-sensor-how-to.png>

# Interfacing PIR Motion Detector (HCR501) with NodeMCU

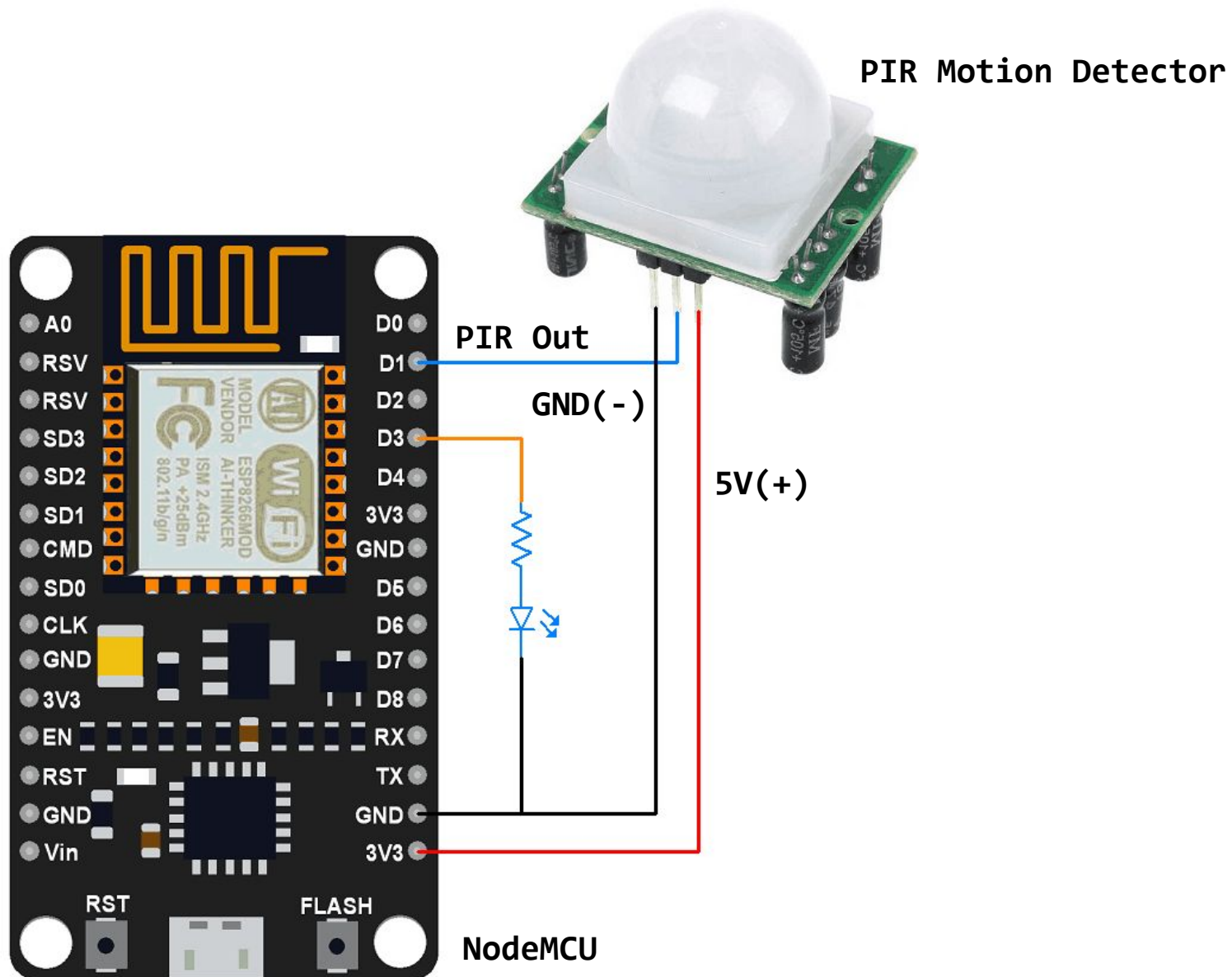


Image Source(s):

[http://www.electronicwings.com/public/images/user\\_images/images/NodeMCU/NodeMCU%20Interfaces/NodeMCU%20PIR/pir%20interface%20with%20nodemcu.png](http://www.electronicwings.com/public/images/user_images/images/NodeMCU/NodeMCU%20Interfaces/NodeMCU%20PIR/pir%20interface%20with%20nodemcu.png)



# Operation of Ultrasonic Range Finder HC-SR04

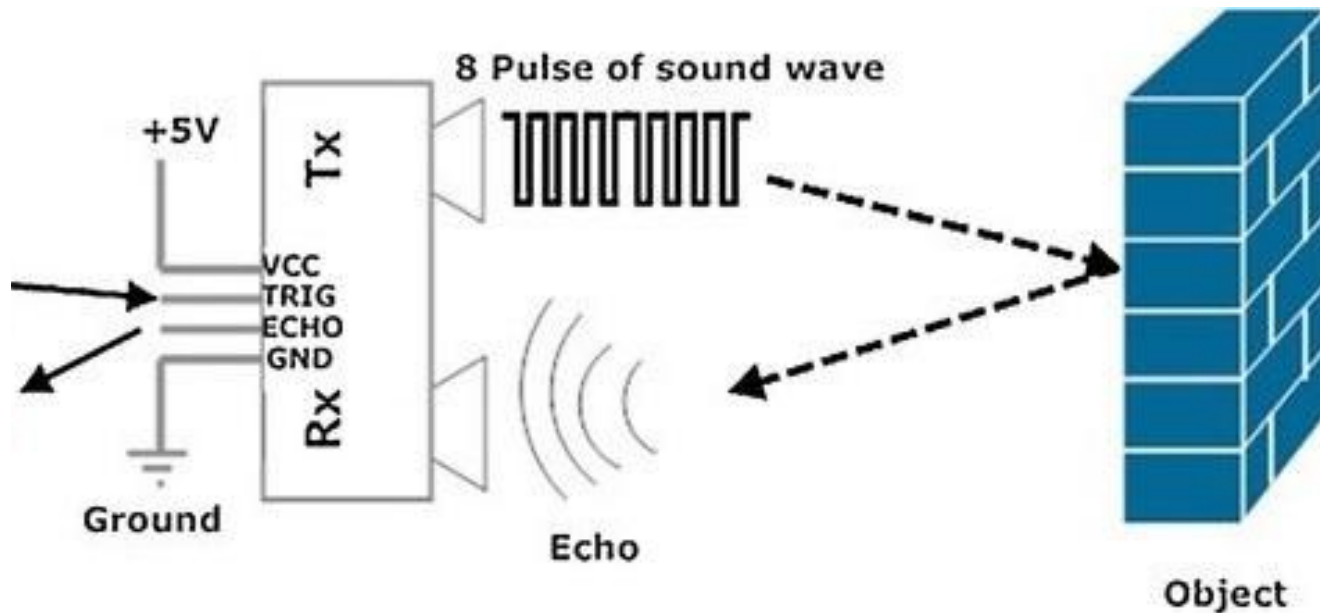
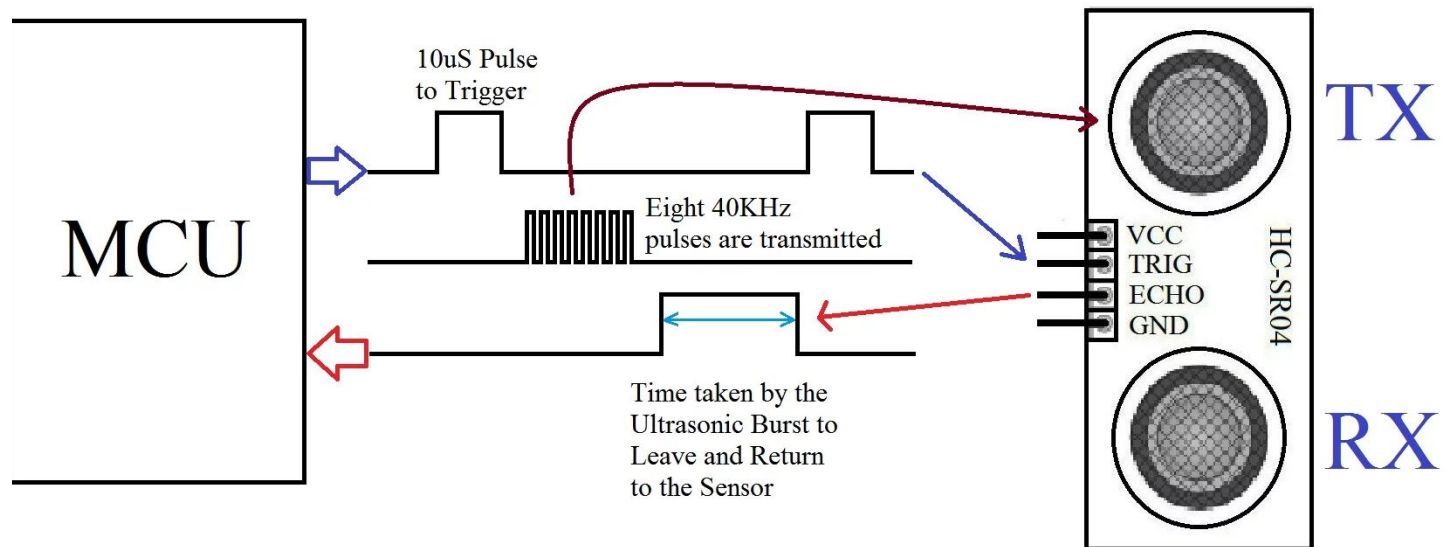


Image Source:

<https://electrosome.com/wp-content/uploads/2014/08/Working-of-HC-SR04-Ultrasonic-Sensor.jpg>

[https://www.researchgate.net/figure/Working-principle-of-an-ultrasonic-sensor\\_fig1\\_304822025](https://www.researchgate.net/figure/Working-principle-of-an-ultrasonic-sensor_fig1_304822025)

# Interfacing Ultrasonic Sensor with NodeMCU

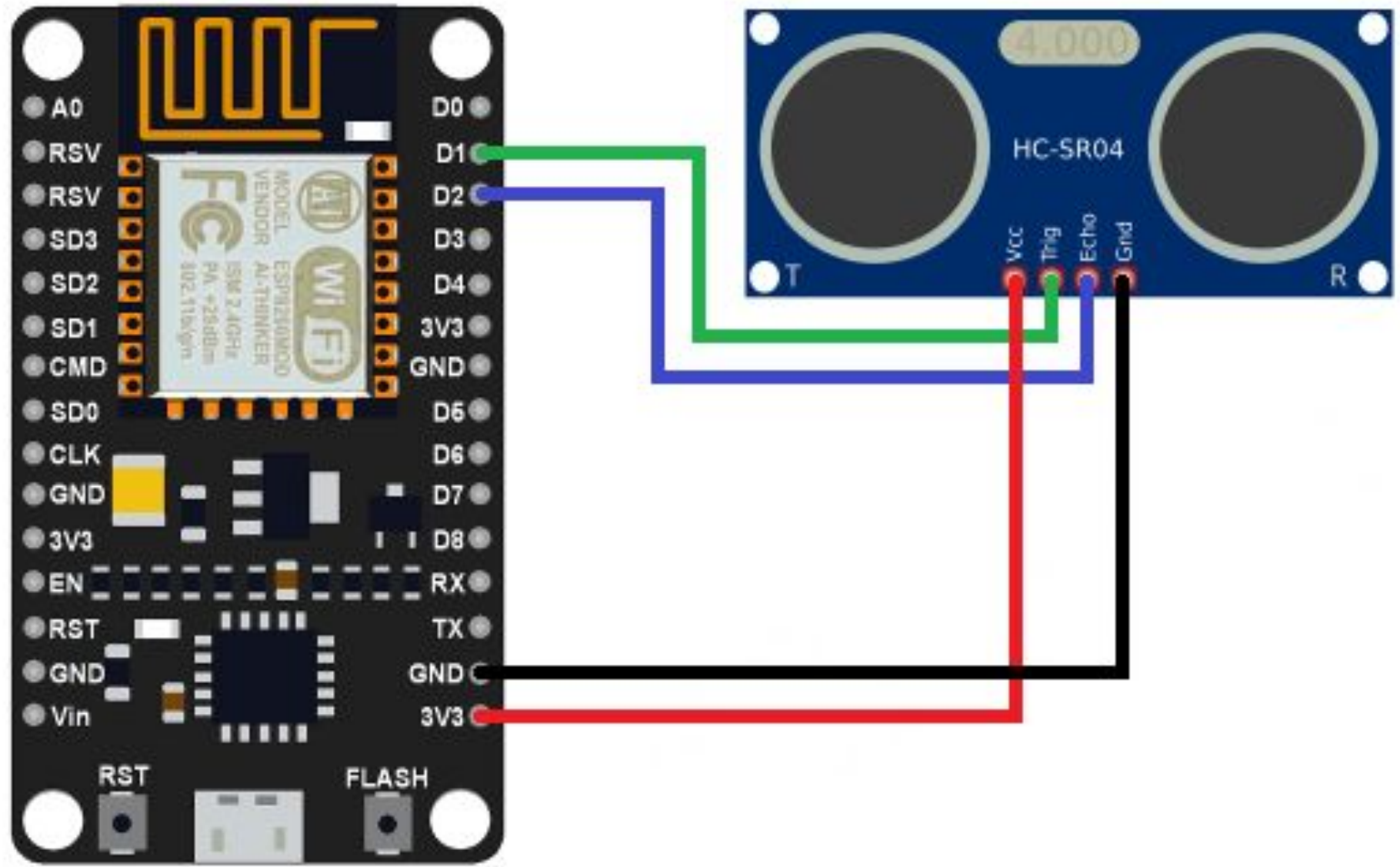


Image Source:

[https://minibots.files.wordpress.com/2015/10/hc\\_bb.png](https://minibots.files.wordpress.com/2015/10/hc_bb.png)

[http://www.electronicwings.com/public/images/user\\_images/images/NodeMCU/NodeMCU%20Interfaces/NodeMCU%20PIR/pir%20int%20erface%20with%20nodemcu.png](http://www.electronicwings.com/public/images/user_images/images/NodeMCU/NodeMCU%20Interfaces/NodeMCU%20PIR/pir%20int%20erface%20with%20nodemcu.png)

# Interfacing DHT11 with NodeMCU

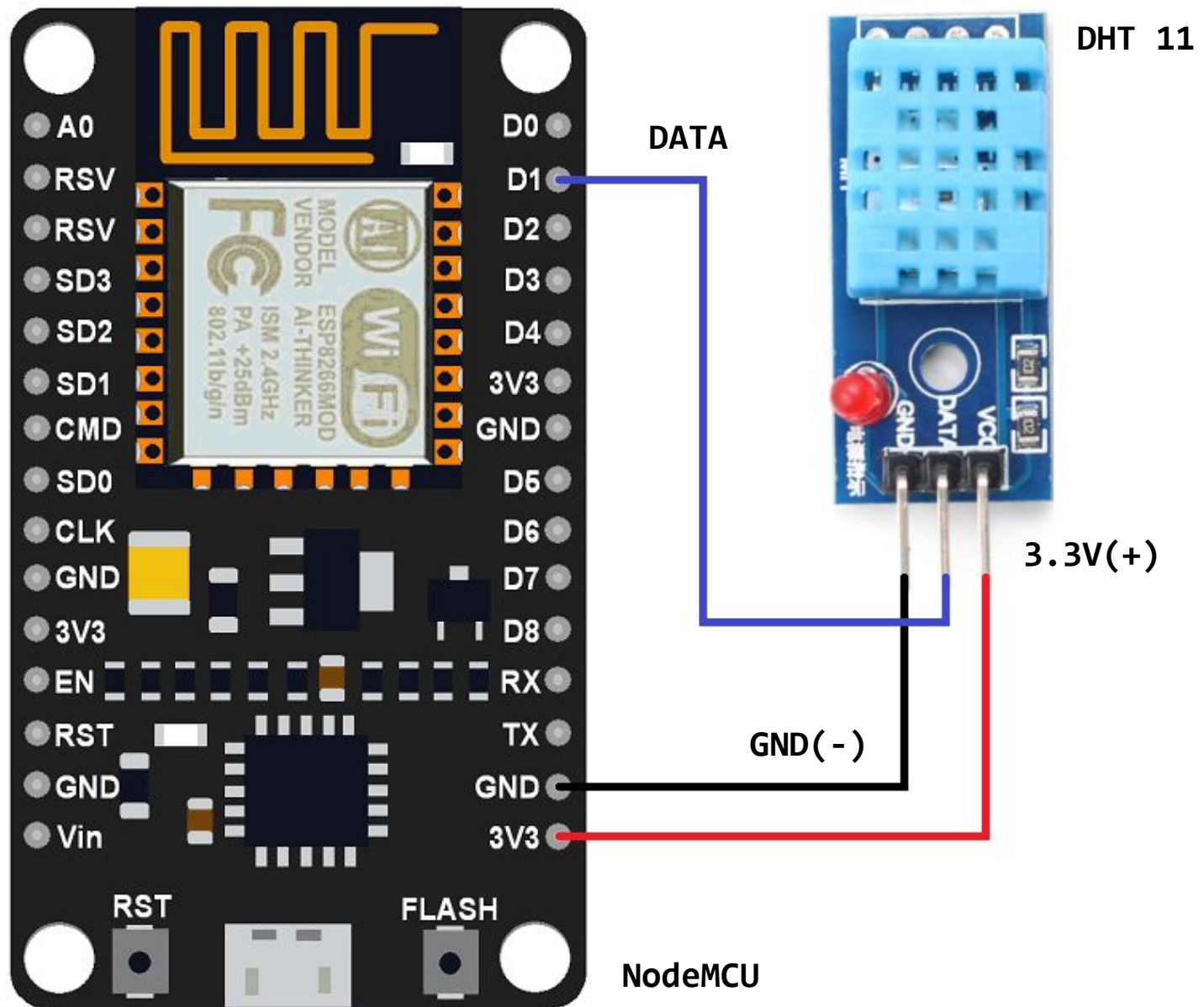


Image Source:

<https://www.makerfabs.com/image/cache/makerfabs/DHT11%20Temperature%20Humidity%20Module/DHT11%20Temperature%20Humidity%20Module>