

## Geekble nano ESP32-S3 Specs

ESP32-S3FH4R2 Module for Arduino  
Xtensa® 32-bit LX7 dual-core @240MHz  
Wi-Fi IEEE 802.11 b/g/n 2.4GHz  
Bluetooth LE 5, 4MB Flash Memory, 2MB  
PSRAM, 512KB SRAM (16KB for RTC),  
384KB ROM, I2S, RMT, LED PWM, USB OTG  
(Serial/JTAG supported), GDMA, TWAI®,  
12-bit ADC, SPI, I2C, UART, LCD interface



## **: PWM CAPABLE PIN**

# : DIGITAL PIN



### **: PULL-UP (EXTERNAL)**



• POWER



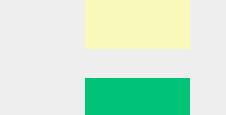
SPRING



• ANALOG DTN



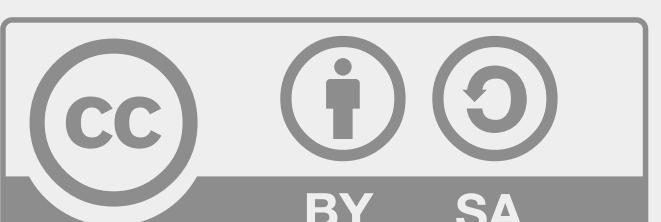
### **Analogy DTN**



- **MAXIMUM** Source current per I/O pin is up to **40mA**
  - **MAXIMUM** Sink current per I/O pin is up to **28mA**

**VTN** 3-12V input to the board

LAST UPDATE – 2025.05.28



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