Geekble Mini
ESP32-S3

geekble

| USB D- | GPIO19 | | USB D+ | GPIO20 | | VUSB | IN | | GND |

SW_BUILTIN — BOOT ●   ● RESET

POWER ●   ○ LED | D13 | GPIO48 | | SCK | LED_BUILTIN

ANALOG	MICRO	ARDUINO				ARDUINO	MICRO
LED_BUILTIN	SCK	GPIO48	D13	D13	D12	D12	GPIO47	MISO
		3.3V	OUT	3V3	D11	D11	GPIO38	MOSI
JOINT DOWNLOAD BOOT	GPIO46	B0	B0	D10	D10	GPIO21	SS
ADC1_CH0	GPIO1	A0	A0	D9	D9	GPIO18	
ADC1_CH1	GPIO2	A1	A1	D8	D8	GPIO17	
ADC1_CH2	GPIO3	A2	A2	D7	D7	GPIO10	
ADC1_CH3	GPIO4	A3	A3	D6	D6	GPIO9	
SDA	ADC2_CH0	GPIO11	A4	A4	D5	D5	GPIO8	
SCL	ADC2_CH1	GPIO12	A5	A5	D4	D4	GPIO7	
ADC2_CH2	GPIO13	A6	A6	D3	D3	GPIO6	
ADC2_CH3	GPIO14	A7	A7	D2	D2	GPIO5	
		5V	OUT	5V	GND	GND	
PULL-UP	SW_BUILTIN	BOOT	GPIO0	B1	B1	RST	RESET	PULL-UP
		GND	GND	RX	D0/RX	GPIO44	
		VIN	IN	VIN	TX	D1/TX	GPIO43	

BOOT   RST

Geekble nano
ESP32
S3FH4

GEEKBLE MINI ESP32-C3 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®,
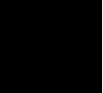12-bit ADC, SPI, I2C, UART, LCD interface

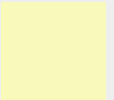⎌ : PWM CAPABLE PIN

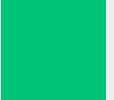**PULL-UP** : PULL-UP (EXTERNAL)

■ : POWER

■ : GROUND

■ : DIGITAL PIN

□ : ANALOG PIN

■ : MICROCONTROLLER'S PORT

■ : MICROCONTROLLER'S ANALOG

⚠ ·MAXIMUM Source current per I/O
pin is up to **40mA**

·MAXIMUM Sink current per I/O
pin is up to **28mA**

VIN 3-12V input to the board