

Sipeed Longan Nano Development Board

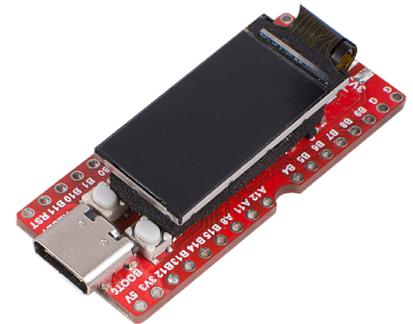
Product Overview

08/10/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Seeed Studio Sipeed Longan Nano Development Board is based on GD32VF103CBT6 MCU with Reduced Instruction Set Computer (RISC-V) 32-bit core by GigaDevice. This Longan Nano development board features a 0.96" 160x80 IPS RGB LCD and an acrylic transparent case. The development board comes with an 8M passive crystal oscillator, 32.768KHz RTC low-speed crystal oscillator, mini-TF slot, and a Type-C USB interface. This development board supports multiple download methods like USB DFU, UART ISP, and JTAG and adopted the platformIO IDE.



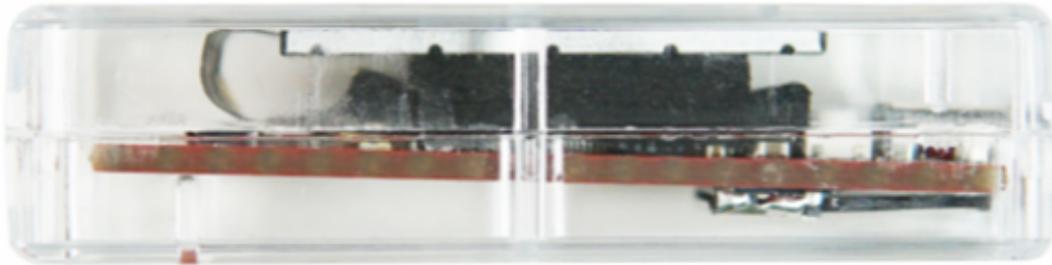
Kit Contents

- 1 x sipeed Longan Nano development board
- 1 x 0.96" 160x80 IPS RGB LCD
- 1 x acrylic transparent case

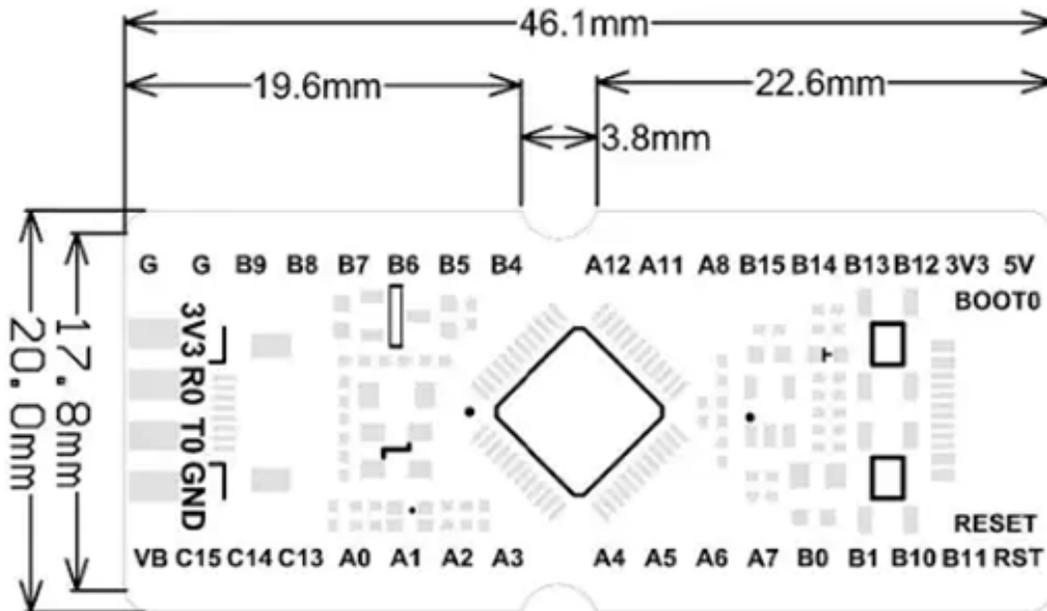
Features

- GD32VF103CBT6 based on RISC-V 32-bit core CPU
- Built-in chip with 128KB flash and 32KB SRAM
- 4 x general-purpose 16-bit timer
- 2 x basic 16-bit timer
- 1 x advanced 16-bit timer
- Watchdog, RTC, and SysTick
- 3 x USART, 2 x I²C, 3 x SPI, 2 x I²S, 2 x CAN, and 1 x USBFS (OTG)
- 2 x ADC (10 channel) and 2 x DAC

Board Overview



Dimensions



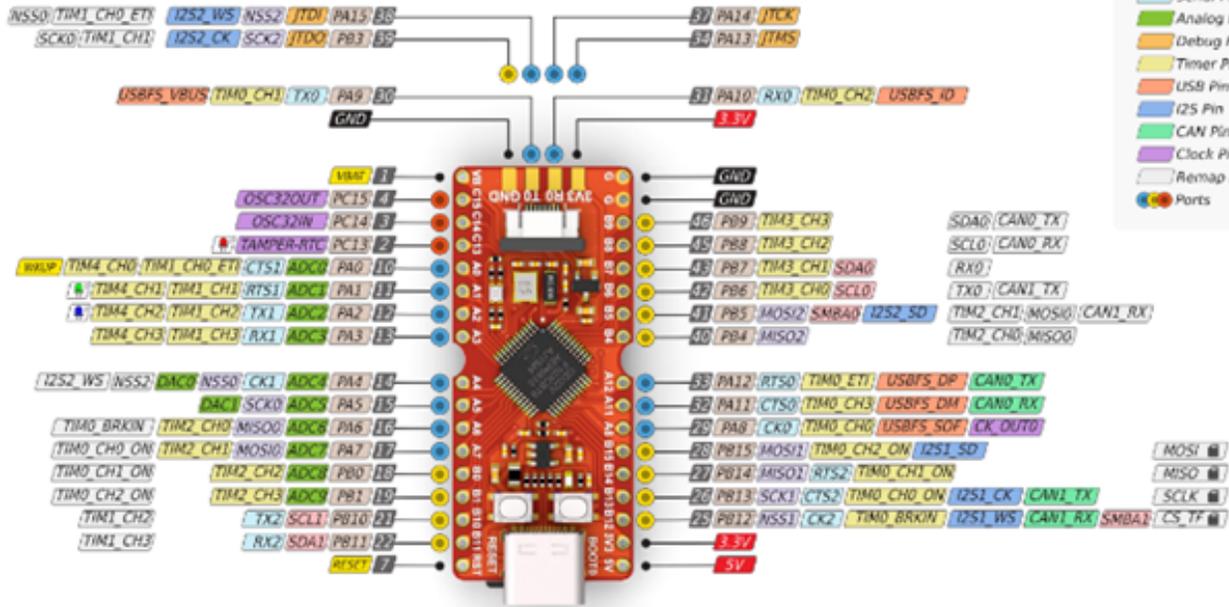
Pinout Diagram



Learn more at:
<https://longan.sipeed.com>



- Power
- GND
- Control
- Physical Pin
- Port Pin
- SPI Pin
- I2C Pin
- Serial Pin
- Analog Pin
- Debug Pin
- Timer Pin
- USB Pin
- I2S Pin
- CAN Pin
- Clock Pin
- Remap Pin
- ● ● Ports



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/seeed-studio/seeed-studio-sipeed-longan-nano/>