

TinyGo Starter Kit with Seeed Studio XIAO - Program Embedded Hardware in Go, Solderless, Grove Modules, Official TinyGo Tutorial

Official TinyGo + XIAO starter kit for learning embedded Go with pre-soldered XIAO ESP32-C3, 11 solderless Grove modules, and TinyGo Team tutorials.

SKU

E26072201

UPDATED

2026-09-03 06:41:43



Overview



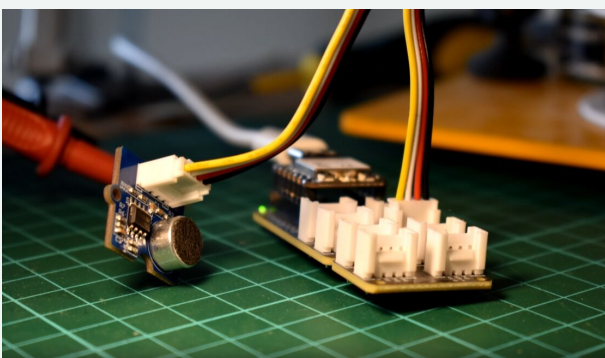
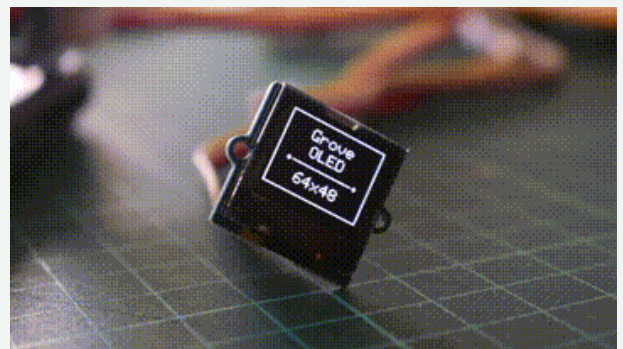
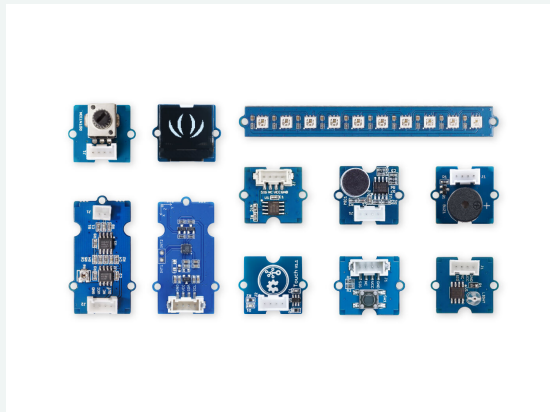
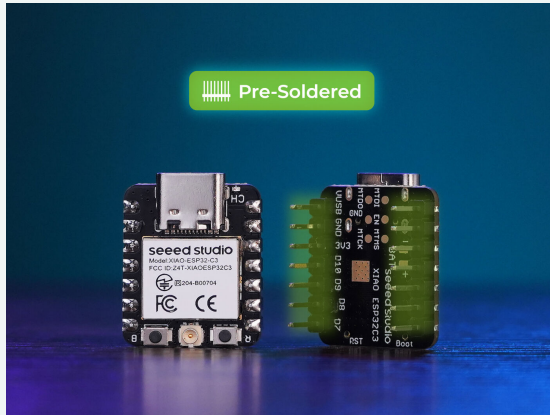
The TinyGo Starter Kit with Seeed Studio XIAO is the first official TinyGo + XIAO hardware kit, co-developed by TinyGo and Seeed Studio for learning embedded development in Go. It includes a pre-soldered XIAO ESP32-C3, 11 Grove modules, and a Grove Base for XIAO, enabling solderless, plug-and-play projects with official TinyGo tutorials and compatibility across the Seeed Studio XIAO family.

Key Features

- **The First Official TinyGo + XIAO Starter Kit:** TinyGo is a Go compiler specially designed for small places — microcontrollers, WebAssembly, and command-line tools. Co-developed by TinyGo and Seeed Studio, this is the first hardware kit designed specifically for learning embedded development with Go.
- **Comprehensive Tutorials Written by TinyGo Team:** The getting-started guide for this kit, hosted at github.com/soypat/seeed-grove, was written specifically for the exact modules included in the box. Every step uses idiomatic Go, real TinyGo driver packages, and code you can immediately read, modify, and extend.
- **Plug-and-Play, Quick Setup, No Soldering Needed:** The kit assembles a carefully selected set of 11 Grove modules alongside the Grove Base for XIAO, covering sensing, display, lighting, and actuation — no soldering, no jumper wires, no breadboards required.
- **XIAO ESP32-C3 Included:** Start immediately with the pre-soldered XIAO ESP32-C3, featuring Wi-Fi, Bluetooth LE, and excellent TinyGo support.
- **Fully compatible with Seeed Studio XIAO Family:** The kit also supports Seeed Studio XIAO ESP32-S3, XIAO nRF52840(XIAO BLE), XIAO RP2040, XIAO SAMD21, and XIAO RP2350. Simply switch to any other XIAO board at any time using the same Grove Base.

(Source: [TinyGo v0.41 Is Here](#))

Product Gallery



Applications

- Classroom & Workshop Platform
- IoT Environmental Monitor
- Motion Detection & Alert System
- Touch & Rotary Control Interface
- Sound-Reactive LED Visualizer

Part List

Seeed Studio Grove Base for XIAO - with embedded battery management chip	x1
Grove - Piezo Buzzer/Active Buzzer - Arduino/Raspberry Pi Compatible	x1
Grove - Button	x1
Grove - Sound Sensor Based on LM358 amplifier - Arduino Compatible	x1
Grove - 3-Axis Digital Accelerometer	x1
Grove - Touch Sensor	x1
Grove - Temperature Sensor	x1
Grove - Rotary Angle Sensor	x1
Grove - Piezo Vibration Sensor	x1
Grove - OLED Display 0.66" (SSD1306)- IIC - 3.3V/5V	x1
Grove - Light Sensor v1.2 - LS06-S Phototransistor Compatible with Arduino	x1
Grove - RGB LED Stick (10 - WS2813 Mini 3535) : Full-Color RGB LED Lighting	x1

Resource Links

- <https://www.seeedstudio.com/tinygo-xiao-starter-kit.html>

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com