

GoPlus2 DC Motor and Servo Driver Module (STM32F0)



Description

GoPlus2 is a stackable multi-functional motor and servo control module. The master control adopts STM32F030C8T6. The module is equipped with 2-way DC motor drive interface and 4-way servo drive interface. Three PORT-B interfaces(Analog Input,Digital Output,Digital Input) can be expanded. Built-in 500mAh battery and support infrared (IR) transmission and receive. In order to meet the requirements of multi-channel interface power supply at the same time, a DC power interface is provided for external power supply, battery can be charged through the M5Core with USB-C.

Communication protocol: IIC(0x38)

Product Features

- 2x DC motor interface
- 4x Servo interface
- IR transmit & receive
- 3x expand PORT B
- STM32F030C8T6
- Built in 500mAh battery

Include

- 1x GoPlus2 Module
- 2x DC Motor Cable

Application

- Actuator / motor driver
- Acquisition and control of multiple input and output signals
- Infrared controller
- DIY Toy base

Specification

Resources	Parameter
Main control chip	STM32F030C8T6
Expand interface	DC Motor x 2,PORT-B x 3, Servo x 4
motor drive	HR8833 H-bridge drive
IR	Transmit and Receive
Battery	500mAh
Net Weight	38g
Gross Weight	58g
Product Size	54*54*13mm
Package Size	95*65*25mm