

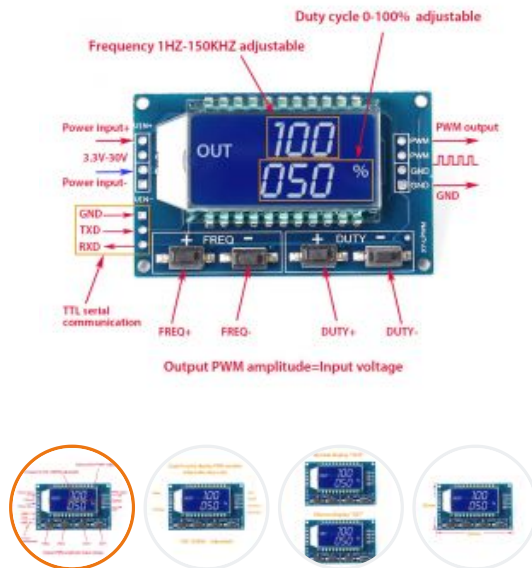
Search products



Search products

[Home](#) / [Voltage Regulator Modules](#) /

MOD-XY-LPWM PWM Square Wave Signal Generator W/ Adjustable Frequency and Duty Cycle



Search products



CODE: MOD-XY-LPWM

Availability: **In stock**Quantity:

ADD TO CART

[♥ Add to wish list](#)

Description

PWM Square Wave Signal Generator W/ Adjustable Frequency and Duty Cycle

This device is capable of generating square wave signal for experimental development that involves PWM dimming and speed controlling (e.g. motor drivers) as well as other micro controller use. It can be controlled via the Serial Protocol TTL (TXD & RXD pins). It is stable and reliable, and fairly simple to use.

Specification

- Operating Voltage: 3.3 - 30 VDC
- Frequency Range: 1Hz – 150 KHz
- Frequency Accuracy: the accuracy in each range is about 2%
- Signal Load Capacity: 5 - 30 mA
- Output Amplitude: PWM Amplitude Equal to the Supply Voltage
- Operating Temperature: -20 - +70 Celsius
- Dimensions: 52 x 32 x 10 mm

Communication Standard:

- 9600 bps Data bits: 8
- Stop bit: 1
- Check digit: none
- Flow control: none

Serial Communication

- **1) Setting the frequency of the PWM:**
 - Command "F101": Set the frequency to 101 HZ (001 to 999)
 - Command "F1.05": set the frequency of 1.05 KHZ (1.00 ~ 9.99)
 - Command "F10.5": Set the frequency to 10.5KHZ (10.0 ~ 99.9)
 - Command "F1.0.5": set the frequency of 105KHZ (1.0.0 ~ 1.5.0)



Search products



Setup failed to return: FALL.

© 2004 - 2019 ABRA Electronics Corp.