

NE555 Pulse Frequency Duty Cycle Adjustable Module Square Wave Signal Generator

Features:

1. As a square wave signal generator, generates a square wave signal used for experimental development.
2. Used to drive a stepper motor for generating a square wave drive signal.
3. Generate adjustable pulse for MCU.
4. Generate adjustable pulse, to control circuitry associated.
5. Size: **31mm x 22mm**
6. Main chip: NE555
7. Input Voltage: 5V-15V DC. when power supply is 5 V , the output current can be 15 MA around; when 12V power supply, the output current can 35 MA around
8. Input current: ≥ 100 MA
9. Output amplitude: 4.2V V-PP to 11.4V V-PP. (Different input voltage, the output amplitude will be different)
10. Maximum output current: ≥ 15 MA (5V power supply, V-PP greater than 50%), ≥ 35 MA (12V power supply, V-PP greater than 50%)
11. Output with LED indication (low level ,LED will on; high level, LED will off; low frequency, the LED flashes)
12. The output frequency range is selectable:

LF file: 1Hz ~ 50Hz

IF file: 50Hz ~ 1kHz

High-frequency file: 1KHz ~ 10kHz

HF file: 10kHz ~ 200kHz

13. The output duty cycle can fine-tune; duty cycle and frequency is not separately adjustable; adjusting the duty cycle will change the frequency

Package included:

- 1 x NE555 Pulse Frequency Duty Cycle Adjustable Module

