

NE555-PWM-1

PWM SIGNAL GENERATOR

Performance:

1. Input Voltage: 5V – 15VDC

when power supply is 5V , the output current can be 15MA around;when 12V power supply, the output current can 35MA around;

2.Input current: $\geq 100\text{MA}$;

3.Output amplitude: 4.2V V-PP to 11.4V V-

PP. (Different input voltage, the output amplitude will be different)

4.Maximum output current: $\geq 15\text{MA}$ (5V power supply, V-

PP greater than 50%), $\geq 35\text{MA}$ (12V power supply, V-PP greater than 50%)

4.Output with LED indication(low level ,LED will on; high level,LED will off;low frequency , the LED flashes);

5.The output frequency range is selectable:

LF file: 1Hz ~ 50Hz IF file: 50Hz ~ 1kHz

High-frequency file: 1KHz ~ 10kHz

HF file: 10kHz ~ 200kHz

5.Cycle $T=0.7 (R_A+2R_B) C$ (R_A, R_B for 0-10K adjustable);

Low frequency: $C=100\mu\text{F}$; Intermediate frequency: $C=1\mu\text{F}$;

M-H frequency: $C=0.1\mu\text{F}$; High frequency: $C=0.001\mu\text{F}$,

Application:

1. Used as a square wave signal generator, offer the square wave signal for the use of the experimental development.
2. Used to produce driving stepper motor drives, offer the square wave signal.
3. Adjustable pulse for the use of MCU.
4. Generate adjustable pulse control circuit.

Parameters:

Product name: NE555 pulse module

Product size: 31.0 mm * 31.0 mm * 15.0 mm (l x w x h)

Colours: Red Package Weight: :7.52 g/pcs

Materials: FR4 + electronic components