Cycle Timing Square Wave Signal Generator Module Delay Pulse Frequency Adjustable

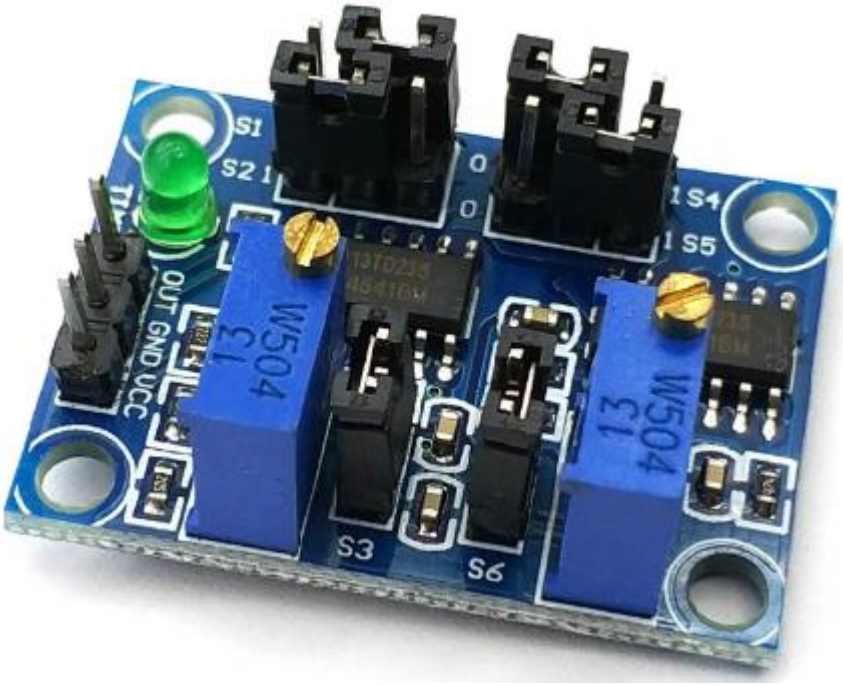
Description

1. Using FR-4 double-sided circuit boards;
2. Double-board core pieces Timing cycle, high and low output, high and low times are independent chip control, time independently of each other;
3. high output, LED lights;
4. The delayed output relay module can be directly connected to form a cyclic timer relay;
5. Output standard square wave, but also can be a square wave generator for use experimental development;
6. used to generate drive a stepper motor drive square wave signal;
7. The adjustable pulse generation MCU for use;
8. generates adjustable pulses associated control circuitry;
9. A delay time between 0.1 seconds to 3700 seconds adjustable eight kinds of time range selection.

Performance parameters:
1.Size: 3.3CM * 2.4CM
2.the input voltage: 3.3V-12VDC. 5V supply output current is about 15MA; when 12V power supply, output current is about 35MA;
3.the input current: ≥100MA
4.the output voltage: input voltage of the power supply match

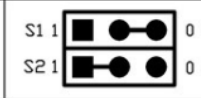
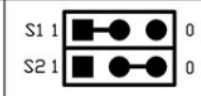
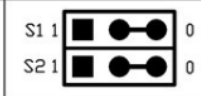
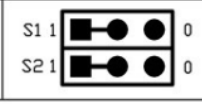
Connection:
VCC: DC power source connected to the positive (3.3-12V)

GND: DC power source connected to the negative
OUT: high and low output of the delay can be triggered with the relay module is connected directly to the end

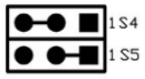
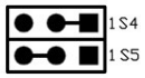
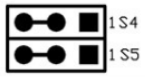


Delay output time adjustment:

High level schedule:

s 1	s 2	without s3	with S3	Eg
0	1	0.13-1.3S	1.5-14.5S	
1	0	0.5-5.2S	6-58S	
0	0	4.4-42S	48-463S	
1	1	38-340S	389-3700S	

Low level schedule:

S 4	S 5	without S6	with s6	Eg
0	1	0. 13-1. 3S	1. 5-14. 5S	
1	0	0. 5-5. 2S	6-58S	
0	0	4. 4-42S	48-463S	
1	1	38-340S	389-3700S	

Package Included

1 Pcs Timing cycle square wave signal generator mod