

ICL8038 Signal Generator Module Triangular Rectangular Sine Wave Generator

Medium Low Frequency 10Hz-450KHz DC 12V 15V

Description:

The LC ICL8038 module is designed for common frequency ranges. It is adjustable from 5 gears and generates low-distortion triangular waves, square and sine waves from 10Hz to 450KHz. Sine wave can be used for test signals, drive signals, carrier frequency signals, etc; square wave can be used for switching signals, trigger signals, etc; triangular wave is mainly used for scanning signals.

Features:

Working voltage: 12V ~ 15V

Output: Triangular wave, Square wave and sine wave.

Frequency range: 10HZ ~ 450kHz

Low distortion sine wave: 1%

Duty cycle range: 2% to 98%

Low temperature drift: 50ppm / °

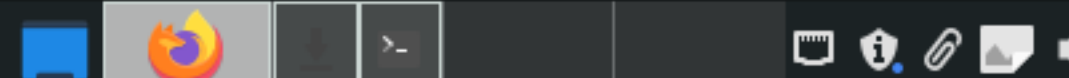
Triangular wave output linearity: 0.1%

Working temperature: 0 ~ 70 °

Board size: 54.5*37.8mm

Functions:

VCC GND: working voltage



Working voltage: 12V ~ 15V

Output: Triangular wave, Square wave and sine wave.

Frequency range: 10HZ ~ 450kHz

Low distortion sine wave: 1%

Duty cycle range: 2% to 98%

Low temperature drift: 50ppm / °

Triangular wave output linearity: 0.1%

Working temperature: 0 ~ 70 °

Board size: 54.5*37.8mm

Functions:

VCC,GND: working voltage

AC: with DC bias output

G: ground

DC: pure signal output

R11: Frequency adjustment

R12: Square wave duty cycle adjustment

R13: Sine wave linear adjustment

R14: Amplitude adjustment

R15: Square wave linear adjustment

Jumper P2: select different waveforms(triangular, square or sine waves)

Jumper P3: select different frequency ranges

10Hz-450Hz

90Hz-1.5KHz

940Hz-15KHz

6KHz-120KHz

20KHz-450KHz

Product Description

The ICL8038 module is designed for common frequency ranges. It is adjustable from 5 gears and generates low-distortion triangular waves, square and sine waves from 10Hz to 450KHz. Sine wave can be used for test signals, drive signals, carrier frequency signals, etc; square wave can be used for switching signals, trigger signals, etc; triangular wave is mainly used for scanning signals.

Features:

Working voltage: 12V ~ 15V
Output: Triangular wave, Square wave and sine wave.
Frequency range: 10HZ ~ 450kHz
Low distortion sine wave: 1%
Duty cycle range: 2% to 98%
Low temperature drift: 50ppm / °
Triangular wave output linearity: 0.1%
Working temperature: 0 ~ 70 °
Board size: 54.5*37.8mm

Functions:

VCC,GND: working voltage
AC: with DC bias output
G: ground
DC: pure signal output
R11: Frequency adjustment
R12: Square wave duty cycle adjustment
R13: Sine wave linear adjustment
R14: Amplitude adjustment
R15: Square wave linear adjustment
Jumper P2: select different waveforms(triangular, square or sine waves)
Jumper P3: select different frequency ranges
10Hz-450Hz
90Hz-1.5KHz
940Hz-15KHz
6KHz-120KHz
20KHz-450KHz

Package Include:

1 x ICL8038 Low/Medium Frequency Signal Source Waveform Sine Signal Generator Module