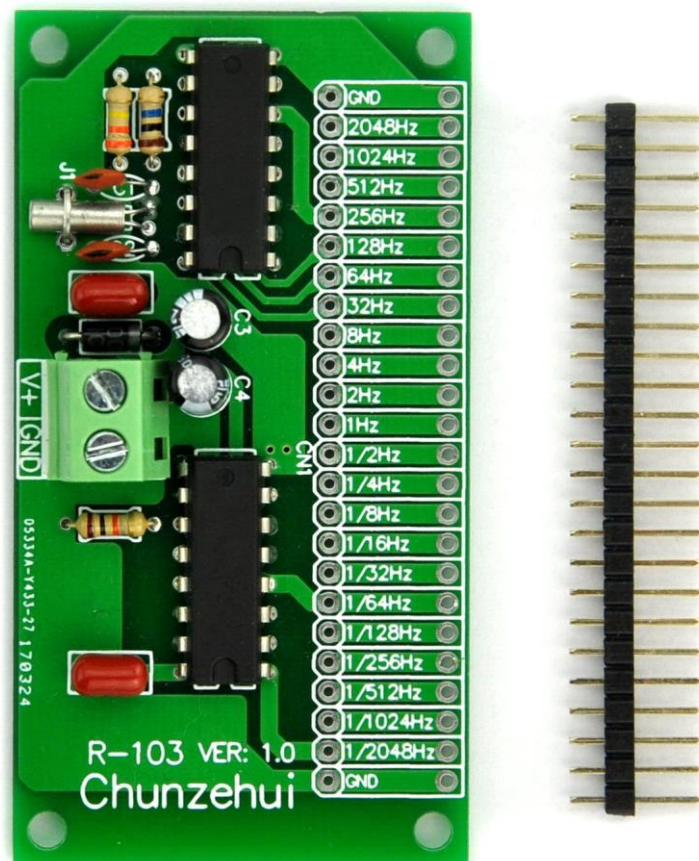


# Electronics-Salon Chunzehui

## SPECIFICATION

### R-103

Extremely / Super Low Frequency Square Wave Oscillator Module



**Frequency Range: 2048 ~ 1/2048 Hz**

**Total 22 output ports, at the same time can output 22 frequencies: 2048, 1024, 512, 256, 128, 64, 32, 8, 4, 2, 1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 1/256, 1/512, 1/1024, 1/2048 Hz.**

**Operating Voltage: DC 3 ~ 15V**

**Operating Current (no load): < 10mA**

**Output Duty Cycle: 50% ±5%**

**Operating Temperature Range: 0 to 70°C.**

**Frequency Accuracy: +/- 20 ppm**

**Output Port Characteristics:**

Symbol	Parameter	Operating Voltage		
		5V	10V	15V
I <sub>OL</sub>	Output Low Current, Sink	1mA	2.6mA	6.8mA
I <sub>OH</sub>	Output High Current, Source	-1mA	-2.6mA	-6.8mA
V <sub>OL</sub>	Output Voltage Low-Level, no load.	0.05V	0.05V	0.05V
V <sub>OH</sub>	Output Voltage High-Level, no load.	4.95V	9.95V	14.95V

**Power Supply Terminal Connection:**

VCC: power supply positive or battery positive input.

GND: power supply ground or battery negative input.

**Output Ports:**

2048Hz ..... 1/2048Hz: square wave output ports.

GND: output ground.

# Dimensions:

