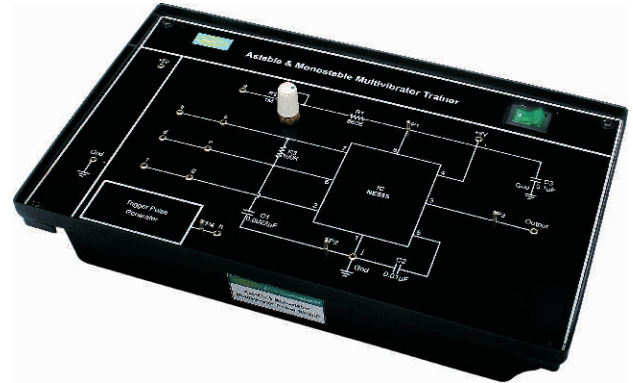


NV6507 Astable and Monostable Multivibrator Trainer has been designed specifically for the study of Multivibrator in Astable and Monostable Modes using IC NE555. The board is absolutely self contained with in-built supply and pulse generator.

The Astable Multivibrator, often called a Free-Running Multivibrator, is frequently used as a simple means of generating square and rectangular wave signal. It has no stable state. The Monostable Multivibrator, often called a One-Shot Multivibrator, is useful for generating a single pulse of desired duration in response to an external trigger.



- ▣ **In-built +5V regulated DC power supply**
- ▣ **In-built 1KHz pulse generator for triggering the monostable circuit**
- ▣ **Good quality, reliable sockets and test points are provided**
- ▣ **Strongly supported by systematic operating instructions**
- ▣ **A low cost training solution**
- ▣ **2 Years warranty**

Scope of Learning

- To study the IC 555 as a Monostable (One - Shot) Multivibrator
- To study the IC 555 as an Astable (Free - Running) Multivibrator

Technical Specifications

Mains Supply	: 230V \pm 10%, 50Hz
DC Bias Voltage	: +5V
Frequency of Trigger Pulse Generator	: 1KHz
Frequency Range of Astable Multivibrator	: 600Hz – 3.2KHz (approx.)
Frequency Range of Bistable Multivibrator	: 350Hz – 1KHz (approx.)
Output Voltage	: 5 Vpp (approx.)
Dimensions (mm.)	: W 250 \times D 150 \times H 80
Weight	: 550 gms. (approx.)

Manufactured by :

NVIS Technologies

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