OMEGA®

A SIGN OF QUALITY PRODUCT

SCHMITT'S F.E.T. BINARY
OMEGA TYPE ETB-46

OMEGA TYPE ETB-46 Experimental Training Board has been designed specifically for the study of Schmitt's FET Binary Circuit. Study of this circuit is very useful for digital electronics.

OBJECT

To study the Schmitt's FET Binary circuit :

01 To find out the loop gain of the binary circuit and study the output waveform for different amplitudes of audio signal.
02 To study the supply voltage change on the output waveform.
03 To study the effect of the frequency variation on the output waveform.

FEATURES

The board consists of the following built-in parts :

01 0-9V D.C. at 50mA, continuously variable regulated Power Supply.
02 Two Field Effect Transistors.
03 Adequate no. of other electronic components.
04 Mains ON/OFF switch, Fuse and Jewel light.
05 The unit is operative on 230V ±10% at 50Hz A.C. Mains.
06 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
09 Practical experience on these boards carries great educative value for Science and Engineering Students.
10 Weight : 2Kg. (Approx.)
11 Dimension : W 340 x H 125 X D 210

OTHER APPARATUS REQUIRED

01 AF Generator OMEGA TYPE AO-300
02 Dual trace CRO OMEGA TYPE CRO-20

OPERATIONAL AMPLIFIER (INTEGRATOR)
OMEGA TYPE ETB-47

OMEGA TYPE ETB-47 Experimental Training Board has been designed specifically for the study of Operational Amplifier.

OBJECT

Study of Operational Amplifier :

01 To find the Gain of a Wide Band Amplifier.
02 To use the Amplifier as an Integrator.

FEATURES

The board consists of the following built-in parts :

01 A valve with base fixed on panel and wired internally.
02 Adequate no. of other electronic components.
03 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
04 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
06 Practical experience on these boards carries great educative value for Science and Engineering Students.
07 Weight : 2Kg. (Approx.)
08 Dimension : W 340 x H125 X D210.

OTHER APPARATUS REQUIRED(Not Included):

01 Power Supply 300V at 100mA OMEGA TYPE ICV-300/01
02 Sine Square Wave Oscillator OMEGA TYPE SS-305
03 Dual trace CRO OMEGA TYPE CRO-20

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