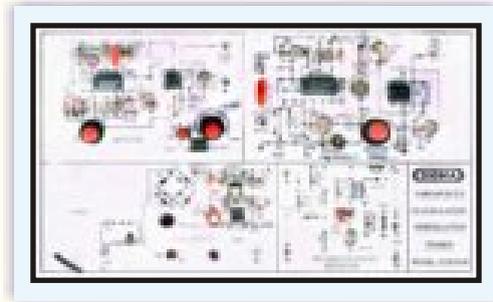




VARICAP DIODE FM MODULATION/ DEMODULATION TRAINER

MODEL - COM104B

This trainer has been designed with a view to provide practical and experimental Knowledge of Frequency Modulation / Demodulation technique on a SINGLE P.C.B.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board AF Modulating signal generator - Sine wave
Frequency Range : 1KHz
Amplitude : 0 to 2Vpp.
4. Modulator Type : Varicap Diode.
5. Demodulator Type : Phase lock loop (PLL) detector.
6. All parts are soldered on single pin TAGS on single PCB with complete circuit diagram screen-printed.
7. Standard Accessories : 1. A Training Manual
2. Connecting Patch cords

EXPERIMENTS

1. To study theory of Frequency Modulation & Demodulation.
2. To generate FM signal using Varicap diode.
3. To observe frequency deviation of FM signal.
4. To demodulate FM signal using Phase lock loop (PLL) detector.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-