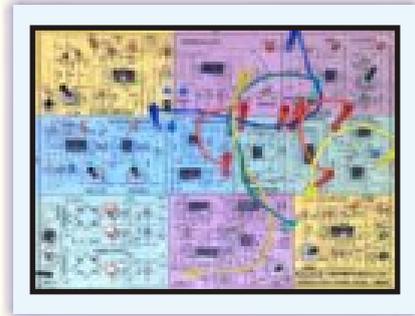




PAM-PPM-PWM MODULATION/ DEMODULATION TRAINER

MODEL - COM208L

This trainer has been designed with a view to provide practical & experimental knowledge of Pulse Amplitude/Width/position Modulation/Demodulation technique as practically implemented in Digital Communication systems on a SINGLE P.C.B.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply : +15V, -15V, +5V.
3. On Board AF Modulating signal generator - Sine wave
Frequency Range : 1KHz
Amplitude : 0 to 5V pp.
4. On Board Sampling Pulse signal generator.
Frequency Range : 2 KHz to 40 KHz.
5. Types of Modulation processes : PAM, PWM, PPM.
6. Demodulator Sections : Comparator, Low Pass Filter-2nd order- 3.4KHz
7. Standard Accessories : 1. Experimental and Circuit Description Manual.
2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of PAM/PWM/PPM Modulation & Demodulation.
2. To generate and demodulate PAM signal
3. To generate and demodulate PWM signal
4. To generate and demodulate PPM signal

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

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