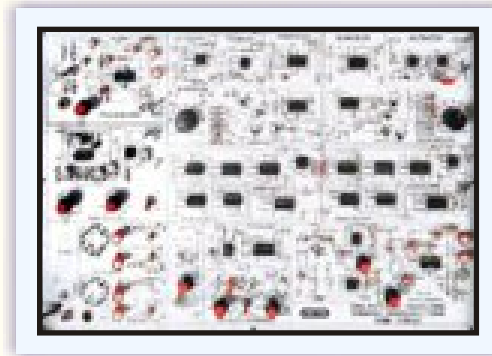




DELTA, SIGMA-DELTA & ADAPTIVE DELTA MODULATION/DEMODULATION SYSTEM TRAINER

MODEL- COM207Z

This trainer has been designed with a view to provide practical and experimental knowledge of different type of Delta Modulation /Demodulation technique as practically implemented in Digital Communication systems on a SINGLE P.C.B.



SPECIFICATIONS

1. Crystal frequency : Around 4 Mhz
2. Sampling Frequency : Four or more frequencies starting with 32KHz and in multiple of two.
3. Variable amplitude and Variable DC Level On Board.
sine wave Generator with four or more frequencies in multiple of 250Hz
4. 4 or more Integrator gain setting.
5. Low Pass Filter with cut off frequency in the range of 3 to 4 KHz
6. Built-in Gaussian Noise Generation and Matched Filter
7. Various minimum necessary Test Point
8. 2 sets of Manuals, Set of Patch Cord, Line Cord

EXPERIMENTS

1. Study of Delta Modulation & Demodulation.
2. Study Of Effect of Slope overload and increased integrator Gain in Delta modulation.
3. Study of Adaptive Delta Modulation & Demodulation.
4. Study of Delta Sigma Modulation & Demodulation.
5. Study of amplitude overload in Delta Sigma Modulation.

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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Dealer:-