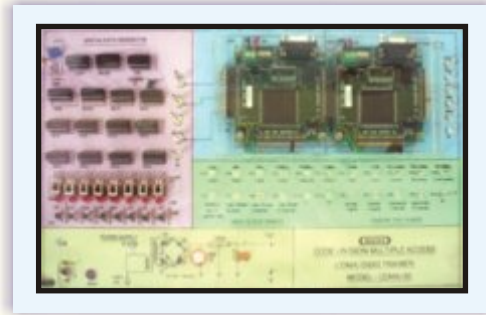




CONVOLUTION CODE CODING DECODING TRAINER MODEL - CONV0100

This trainer has been designed with a view to provide practical and experimental knowledge of Convolution Coding Trainer.



SPECIFICATIONS

1. Convolution encoder for error correction.
2. Selectable rate and constraint length:
K = 5, rate 1/7
K = 7, rates $\frac{1}{2}$, $\frac{2}{3}$, $\frac{3}{4}$, $\frac{5}{6}$, $\frac{7}{8}$
K = 9, rates $\frac{1}{3}$, $\frac{1}{2}$, $\frac{2}{3}$
3. Continuous or Block mode operation.
4. Differential decoder.
5. Maximum throughput (at output): 40 Mbps.
6. Viterbi decoder for error correction.
7. Selectable rate and constraint length:
K = 5, rate 1/7
K = 7, rates $\frac{1}{2}$, $\frac{3}{4}$, $\frac{7}{8}$
8. Differential decoder to resolve bit stream inversion.
9. Maximum throughput (at input): 8Mbps.
10. 4-bit soft-quantized demodulated bits.
11. All parts are soldered on single PCB with complete circuit diagram screen-printed in multicolor.

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:-