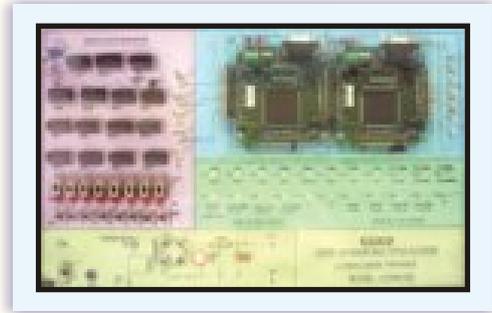




# CONVOLUTION CODE CODING DECODING TRAINER MODEL - CONVO100

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 1/2, 2/3, 3/4, 5/6, 7/8  
K = 9, rates 1/3, 1/2, 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 1/2, 3/4, 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.

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