

GENERATION OF CYCLIC CODES (CRC CODING & DECODING)

MODEL - CRC100

This trainer has been designed with a view to provide practical and experimental knowledge of Generation of Cyclic Codes.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.

2. Built in IC based power supply.

3. 8 bit Digital Data generator to generate any binary input word

4. 8 bit Digital Data receiver to receive data

5. Sections : CRC (Cyclic redundancy check) coding and decoding

Data bits : 8 bitsCRC Polynomials : 16 bits

8. All parts are soldered on single PCB with complete circuit diagram Screen- printed in multi-colour.

9. Standard Accessories : 1. A Training Manual.

2. Connecting Patch cords.

EXPERIMENTS

- 1. To study theory of CRC Coding / Decoding.
- 2. To generate CRC signal.
- 3. To decode CRC 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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