Computer Logic Training Board on 1024 X 4 Bit Static Random Access Memory (2114) has been designed specifically to get the familiarization and the operation of Semi conductor Memory. It provides the understanding of read, write & chip enable operation with the help of switches and LEDs. Dynamic operation of the chip can also be understood by connecting the pulse generator at the appropriate terminals. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:
01.   To study the Write operation of 1024 X 4 Bit Random Access Memory.
02.   To study the Read operation of 1024 X 4 Bit Random Access Memory.
03.   To study the Dynamic checking of 1024 X 4 Bit Random Access Memory.

Features:
The board consists of the following built-in parts :
01.   +5V D.C. at 100mA, IC Regulated Power Supply internally connected.
02.   Switches to set Data & Address.
03.   LEDs for visual indication of Address used Data conditions.
04.   Adequate no. of other Electronic Components.
05.   Mains ON/OFF switch, Fuse and Jewel light.
*   The unit is operative on 230V ±10% at 50Hz A.C. Mains.
*   Adequate nos. of patch cords stackable from rear both ends 4mm spring loaded plug, length ½ metre
*   Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
*   Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required (optional):

* Pulse Generator Order Code 16914 - 2 Nos. (To understand the memory operation in dynamic mode)

Note: Specifications are subject to change.

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