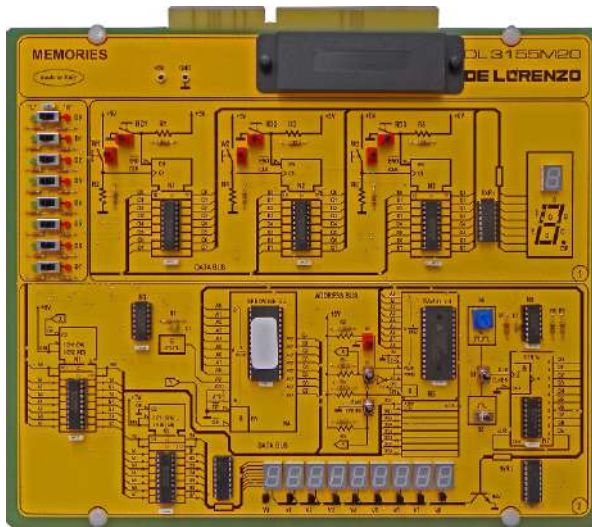




## MEMORIES



**DL 3155M20**

The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic engineering and computer engineering.

With this board the students can study the principal characteristics of the memories starting from the elementary memory cells to reach the memories EPROM and RAM.

### THEORETICAL TOPICS

- Memory classification
- Terminology and main characteristics
- Elementary memory cells
- Structure and operating principles
- ROM memory
- RAM memory
- Sequential memory
- Fault simulation

### CIRCUIT BLOCKS

- Elementary memory cells
- Types of memories: RAM and EPROM

Complete with theoretical and practical manual.

Dimensions of the board: 297x260mm

#### CAI SOFTWARE:

Each board of the TIME system can be supplied complete with a Student Navigator software that allows students to perform their learning activities through a Personal Computer, without the need for any other documentation.

**Ordering code:** please add SW after the code of the board (i.e. DL 3155M20SW)

#### Required:

##### POWER SUPPLY NOT INCLUDED

Base frame with power supply (completed with connecting cables):

- **DL 3155AL3** - Base frame with power supply and interface to pc and virtual instrumentation
- **DL 3155AL2** - Base frame with power supply and interface to pc

Basic power supply (connecting cables not included):

- **DL 2555ALG** - DC power supply  $\pm 5 \pm 15$  Vdc, 1A
- **TL 3155AL2** - Connecting cables

Choosing this power supply, for the execution of the experiments, it is normally required the use of an oscilloscope and two multimeters.

