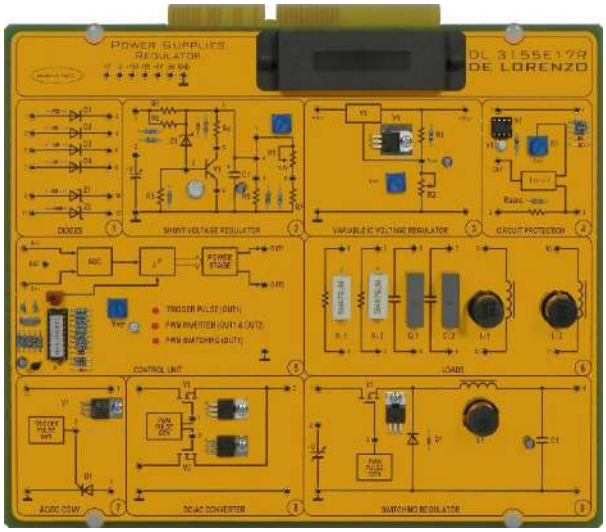
TIME ELECTRONIC BOARDS

POWER SUPPLY REGULATIONS



DL 3155E17R

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 voltage regulators in parallel and variable with integrated circuit, the switching regulators and the analogue to digital and digital to analog converters.

THEORETICAL TOPICS

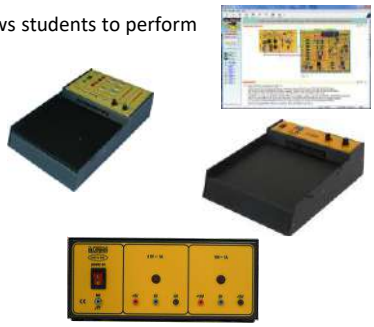
- Diodes circuits
- Voltage regulator with transistor
- Variable IC voltage regulator with overload protection
- AC/DC conversion
- DC/AC conversion
- Switching regulator

CIRCUIT BLOCKS

- Diodes
- Shunt voltage regulator
- Variable IC voltage regulator
- Protection circuit
- AC/DC converter
- DC/AC converter
- Switching regulator

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 3155E17RSW)



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 2555ALF -** DC power supply ±5 ±15 0±15 Vdc, 1A
- **DL 3155ALS –** AC power supply 24 Vac, 2A
- **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.