KIT FOR GENERAL ELECTRONICS

DL 2152

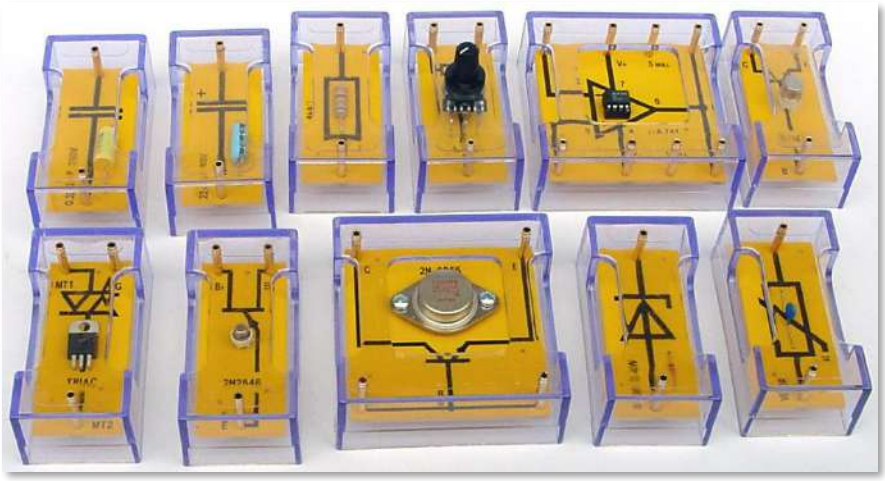
The kit includes a set of components allowing a full course on general electronics to be developed. All components are mounted on a printed circuit board fixed to metal tacks anchored on transparent plastic material modules, allowing consequently the vision of the components and the related symbol silk screened on the PCB, the mechanical protection of the component, the electrical safety against accidental contacts and easy replacement of damaged components.
All the modules are ready to be placed on a rubber circuit designer included in the kit. The set of modules is housed in briefcases.
From the educational point of view, the student is trained in component recognition and in acquiring the manual skill necessary to realize a circuit following the diagrams reported in the handbook.

Examples of performable exercises

- Check of the fundamental laws of the electric networks
- Study of circuits in transient and steady conditions
- Characteristic measurements for different kinds of filters
- Half and full-wave rectifiers
- Applications of rectifier diodes and Zener diodes
- Measurement of pnp and npn transistor
- Study and applications of UJT and JFET transistors
- Realization of different types of amplifiers
- Study of SCR and its dc and ac applications
- Realization of circuits with DIACs and TRIACs
- Analysis of operational amplifiers and their applications

ELECTRONICS

LIST OF COMPONENTS



- 4 linear potentiometers
- 24 resistances, 2W
- 1 VDR
- 10 capacitors
- 3 inductances
- 4 diodes and 1 Zener diode
- 1 switch
- 1 rectifying bridge
- 2 integrated circuits
- 1 UJT
- 1 DIAC
- 4 transistors
- 1 JFET
- 1 TRIAC
- 1 SCR
- 30 cables of different lengths (10, 25, 50 cm)
- 1 rubber circuit designer
- 2 briefcases

DL 2152AL

Power Supply and Function Generator

Designed for use in electronics laboratories. The outputs are protected against overload and short circuits.

Power supply section:

DC outputs: ± 0 ÷ 15V, 1A
5V, 1A
AC outputs: 2 x 24V, 1,7A

Function generator section:

Waveforms: Sine, Square, Triangle
Frequency: 5Hz to 100kHz