Systèmes Didactiques s.a.r.l.
Equipement pour l'enseignement expérimental, scientifique et technique

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Ref : LT345MK2

Carte pour etude de la logique

Nécessite une alimentation +/-5 V et +/- 15 V Réf. FE01-100

The Logic Tutor LT345 MK2 is ideal for introducing logic tuition into a syllabus on a small budget. It is a compact and easy-to-use board for studies of digital techniques and principles. It is supplied with a comprehensive teaching manual which takes the student from the simplest logic operations, up to the applications of counters, shift registers and numeric displays. For ease of interconnection and understanding, all necessary inputs and logic indicators are built-in and all logic elements are shown in mimic diagram form on the panel. Unlike many other logic tutors, there are no confusing cross references to integrated circuit data sheets. The integrated circuits are permanently fitted, which avoids the potential student damage and contact problems normally associated with the breadboard type of tutor employing loose ICs and sockets. The equipment is robust and fully protected electrically and mechanically and supplied with a comprehensive theory and experimental manual including 13 assignments. The Logic Tutor requires a d.c. power supply, so we recommend the 01-100 d.c. Power Supply (supplied separately).

Features

Wide range of combinational & sequential logic studies
All inputs & displays provided
Reliable & Robust
Comprehensive experiment manual

Curriculum Coverage

Binary numbers
Logic operations
Combinational logic
Karnaugh maps
The simple latch
Clocked flip-flops
The JK flip-flop
Equivalence
Non-equivalence & other circuits
Binary addition
Registers
Synchronous counters
Asynchronous counters
Codes & code converters
7-segment display

Caractéristiques techniques :

Dimensions (net): width 295 mm x depth 220 mm x height 45 mm
Weight (net): 0.25 kg