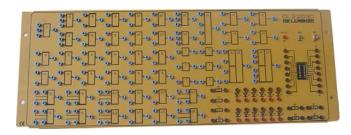




DIGITAL ELECTRONICS

Combinatory Logic



DL 2203C

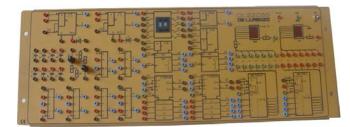
This board allows the study of the following combinatory circuits:

adders, subtractors, multipliers, code converters, multiplexers and demultiplexers. The board is composed of:

- 4 AND (2-input)
- 3 AND (3-input)
- 12 NAND (2-input)
- 4 NAND (4-input)
- 2 NAND TRIGGER (4-input)
- 4 OR (2-input)
- 2 OR (3-input)
- 1 OR (4-input)
- 4 NOR (2-input)
- 2 NOR (4-input)
- 4 EX-OR (2-input)
- 6 inverters
- 2 AOI (2 and 3 input)
- 12 silicon diodes
- 8 resistances
- 1 dual-in-line 16-pin socket

Power supply: 5Vdc, 3W

Sequential Logic



DL 2203S

This board allows the study of the following subjects: MSI circuits in TTL logic, synchronous and asynchronous counters, shift registers, astable and monostable multivibrators, seven segment displays.

The board is composed of:

- 4 JK/MS flip-flop
- 2 D flip-flop
- a BCD synchronous counter
- a binary 4-bit synchronous counter
- a BCD asynchronous counter
- a binary 4-bit asynchronous counter
- 2 monostable multivibrators
- a shift register, 8-bit SI-SO
- 2 BCD 7-segment decoders
- 2 7-segment displays
- 2 BCD rotating switches
- 8 capacitors
- 2 linear potentiometers

Power supply: 5Vdc, 5W