

M O D U L E

DSM-3098

Altera MAX - Training & Development Module

The DSM-3098 is a special based on the Aletra 7128 PLD and aimed for the following:

- A work-station for studying and exercising Programmable Logic Devices in general and the popular Altera 7128 in particular, including usage and activation of various development tools
- An Altera embedded project card
- A card for exercising digital systems and logic components

The card is connected directly to the computer printer's output and is operated with the software provided by Altera.

Includes

- Parallel communication interface and cable for the computer
- Voltage regulator for the included 9V/400mA power supply
- 16 switches
- 4 pushbuttons
- 8 LEDs
- Two 7-Segment units
- Crystal oscillator with frequency divider
- Expansion breadboard for the user applications- Tie points for the PLD and the card peripherals
- Theory and exercise books:
'Principles of Digital Electronics'
'DSM-3098 User Manual'

Experiments

- PLD - Programmable Logic Devices
- Editing and implementing logic function
- Device selecting and compiling
- Switches and pushbuttons
- LEDs and 7-segment display
- Simulation and signal analyzing
- Clock and dividers
- Hierarchic design
- PLD programming
- Project implementing



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