

CPLD Programmer Board Document

Contents of package

1. CPLD Board EB-020-00-1
2. ELSAM CD
3. Document EB02040 "CPLD Programmer Document"
4. Document "Warranty"

Summary – CPLD Board

Description

This new CPLD Board connects to your PC via a standard parallel port cable to provide you with one of the world's lowest cost CPLD Development board and programmer. The board is fully compatible with our entire range of E-blocks allowing the investigation into many interesting and exciting projects.

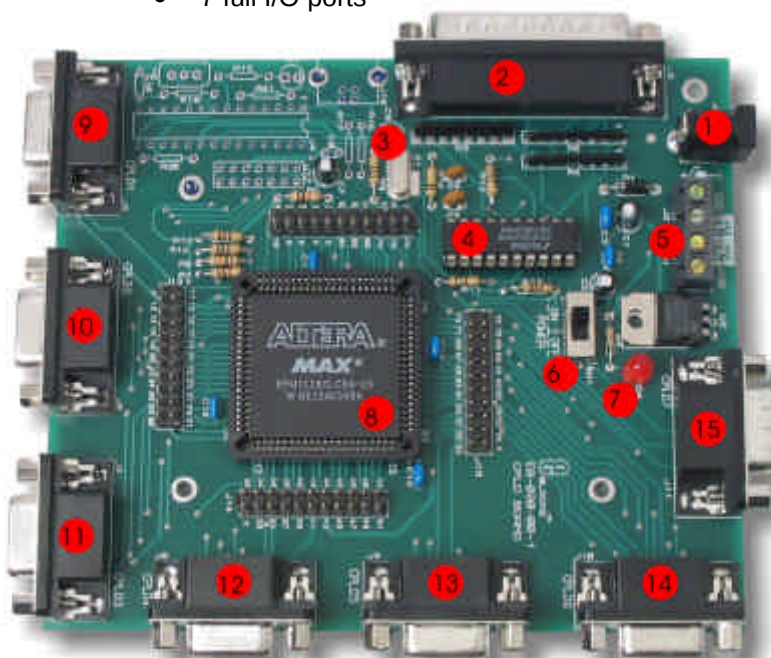
The CPLD Board allows in-circuit programming of an ALTERA® CPLD device. This board is used together with Altera's free and comprehensive downloadable CPLD program, Quartus II. The board can be programmed using various programming techniques such as Schematic Entry, Block Diagram and Hardware Description Languages (HDLs such as AHDL, VHDL and Verilog HDL). It provides 'clean' access to all I/O lines on the relevant CPLD device. Further information on E-blocks is available in a separate document entitled Introduction to E-blocks.doc.

Features

- E-blocks compatible
- Low cost
- Used as a programmer and as a development board
- Full suite of programming software
- 25MHz Xtal operation
- 7 full I/O ports

CPLD Board Layout

1. Power connector (Positive outer)
2. Parallel Port D-Type connector
3. 25MHz crystal circuit
4. Parallel port programming circuit
5. Screw terminal
6. Power switch
7. Power LED indicator
8. ALTERA CPLD and Socket
9. Port - CPLD1
10. Port – CPLD2
11. Port – CPLD3
12. Port – CPLD4
13. Port – CPLD5
14. Port – CPLD6
15. Port – CPLD7



Where to find more information

For full up-to-date datasheets, documentation, F.A.Q.s and software updates please visit

www.matrixmultimedia.com/eblocks

Using the following user name and password

User name: eblocks

Password: halifax

You will now have access to up-to-date information that you require.

Quartus II Web Edition Software

Altera® Quartus II software can be downloaded from the Altera® website at:

www.altera.com

Click on "Download" and follow the links to "Quartus II Web Edition"