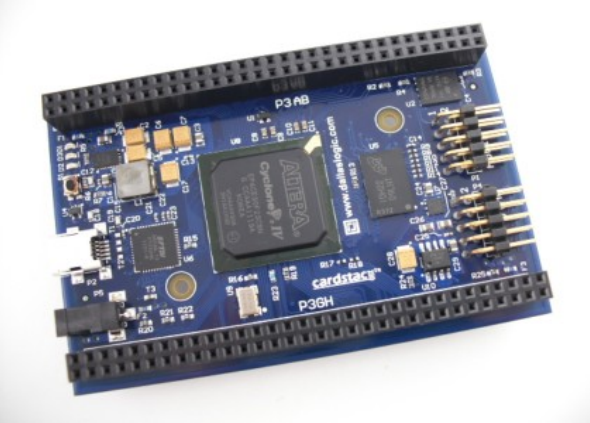
CMC1003 Cyclone IV EP4C115/EP4CE55 FPGA Controller Module



Module Details :

1. Altera® EP4CE55 FPGA, in –C8 speed grade in 484 pin BGA package.
2. Separate programming ports (ASMI flash interface and JTAG interface).
3. Reset and voltage monitor IC which provides 400mS reset pulse.
4. Reset push-button switch.
5. 109 input/output pins available on stack-through header.
6. 3 discrete indicator LED (red, yellow, green).
7. Clock oscillator (25 MHz).
8. cardstac compatible design. Populated with stack-through connector.
9. EPCS64 (64Mbit) serial flash for FPGA configuration and Nios II software.
10. 64M x 16 bit (1024Mbit) SDRAM for Nios II program execution and dynamic data storage.
11. USB 2.0 High speed port (FT232H).

Information :

The CMC1003 module allows implementation of general logic functions and/or Altera® Nios II processor operation in a compact form factor module. The module provides the following circuits to support an FPGA based controller:

- Altera EP4CE55 FPGA, optional 4CE115 available
- 64M x 16 DDR-2 SDRAM
- EPCS64 FPGA serial loader (FPGA and Nios II boot)
- USB 2.0 Peripheral Port (High speed operation)

The CMC1003 module also supports the cardstac specification (master or slave standard card, 128 pin), and can interface with other modules designed to that specification.

The CMC1003 **kit** includes an FPGA programmer and power supply, and provides all the hardware items which are necessary to start designing with and evaluating the powerful features of Altera® Cyclone IV FPGA devices.

Downloads :

- PDF CMC1003 User Guide Rel. 1.0

Available

Please request a copy using our contact email address requests@dallaslogic.com.

Product Data :

CMC1003-2M-55-8	EP4CE55 module	Arrow Five Years Out Buy Now>
CMC1003-2M-55-8-KU	EP4CE55 USB Blaster Kit	Arrow Five Years Out Buy Now>
CMC1003-2M-115-8	EP4CE115 module	Arrow Five Years Out Buy Now>
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