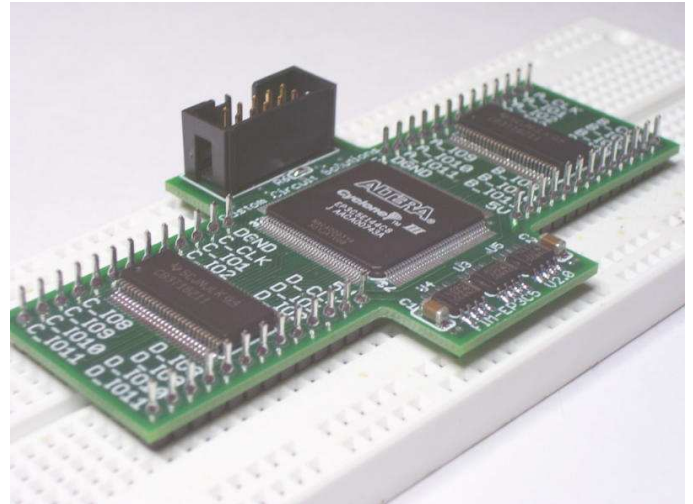


Altera Cyclone-III FPGA Integrated Module

Product Highlights

- Integrated FPGA (Cyclone-III EP3C5-8)
- DIP Packaging
- Operates Off Single 5V Supply
- Multivolt I/O Compatibility (5V, 3.3V, and 2.5V)
- Onboard 20MHz clock
- JTAG Test and Programming Header
- Onboard Configuration Device
- FPGA Integrated RAM, PLLs, and Multipliers
- FPGA Based Logic Analyzer with use of FREE Altera Quartus-II Software



Feature	Description
FPGA	Altera Cyclone-II EP3C5-8 (contact us for different size and speed grades)
Logic Elements	5,136
Total RAM Bits	423,936
Embedded 18x18 Multipliers	23
Phase Locked Loops	2
User I/O Pins	44
Dedicated Clock/Input Pins	4
Integrated Clock	20MHz (Higher frequencies synthesizable using one of the PLLs)
Debug and Programming Port	10-Pin JTAG Header (Compatible with Altera's ByteBlaster-II and USB-Blaster cables)
Allowable Input Voltage Levels	5.0V, 3.3V, and 2.5V
Output Pin Characteristics	3.3V @ 8mA max source/sink *
Max Operating Frequency	125MHz to 300MHz Typical (Function Dependant – Please see Altera's Cyclone-III documentation)
Power Requirements	5V @ 100mA typical
Packaging	DIP – 0.1" Headers
Physical Dimensions	3.7" x 2.1"

*Compatible with most 5V, 3.3V, and 2.5V logic systems. Check with interfacing component manufacturer for compliance. SEE MANUAL FOR SPECIFICS.

Price: \$120.00

All Custom Circuit Solutions products come with a 30 day money back guarantee and 1 year warranty.

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