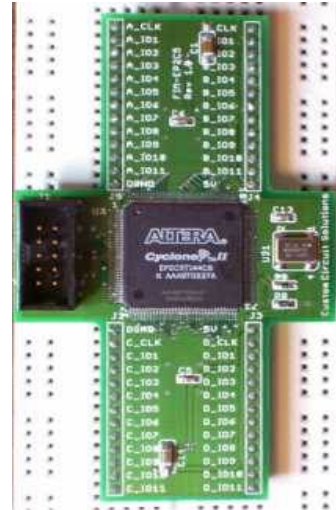


Altera Cyclone-II FPGA Integrated Module

Product Highlights

- Integrated FPGA (Cyclone-II EP2C5-8)
- DIP Packaging
- Operates Off Single 5V Supply
- Multivolt I/O Compatibility (5V, 3.3V, and 2.5V)
- Onboard 20MHz clock
- In-System Reprogrammable
- Onboard Configuration Device
- Series Terminations on All Inputs
- Integrated RAM, PLLs, and Multipliers



Feature	Description
FPGA	Altera Cyclone-II EP2C5-8 (contact us for different speed grades)
Logic Elements	4,608
Total RAM Bits	119,808
Embedded 18x18 Multipliers	13
Phase Locked Loops	2
User I/O Pins	44
Dedicated Clock/Input Pins	4
Integrated Clock	20MHz
Signal Terminations	Series (on all inputs)
Programming Port	10-Pin In-System Reprogrammable Header
Allowable Input Voltage Levels	5.0V, 3.3V, and 2.5V
Output Signal Characteristics	3.3V @ 24mA max source/sink *
Max Operating Frequency	125MHz to 300MHz Typical (Function Dependent)
Power Requirements	5V @ .5A typical (1.25A max)
Packaging	DIP - .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: \$100.00

A 30 day money back guarantee is provided on all of our products.