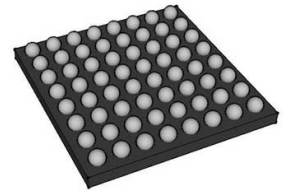



**FPGA Cyclone® Family 4000 Cells 275.03MHz 130nm Technology
1.5V 400-Pin FBGA**



Manufacturer:	Intel Corp
Package/Case:	BGA
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete

Images are for reference only

[Inquiry](#)

General Description

The Cyclone® field programmable gate array family is based on a 1.5-V, 0.13-µm, all-layer copper SRAM process, with densities up to 20,060 logic elements (LEs) and up to 288 Kbits of RAM. With features like phase-locked loops (PLLs) for clocking and a dedicated double data rate (DDR) interface to meet DDR SDRAM and fast cycle RAM (FCRAM) memory requirements, Cyclone devices are a cost-effective solution for data-path applications. Cyclone devices support various I/O standards, including LVDS at data rates up to 640 megabits per second (Mbps), and 66- and 33-MHz, 64- and 32-bit peripheral component interconnect (PCI), for interfacing with and supporting ASSP and ASIC devices. Altera also offers new low-cost serial configuration devices to configure Cyclone devices.

Recommended For You

EPMB256AQC208-10N	EPCQ32ASI8N	EPCQ32SI8N
Intel Corp	Intel Corp	Intel Corp
QFP208	SOP8	SOP8
EPCQ64ASI16N	EPCQ16SI8N	EPC21I32
Intel Corp	Intel Corp	Intel Corp
SOP16	SOP8	QFP
EPM7128STC100-15N	EP1C6Q240I7N	EPCQ128SI16N
Intel Corp	Intel Corp	Intel Corp
QFP100	QFP240	SOP16

EPM7128SLC84-15N

Intel Corp

PLCC

EPC1213PC8

Intel Corp

DIP8

EPIK30TC144-3N

Intel Corp

QFP

EPCS1SI8

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC