

**FPGA Cyclone® Family 2910 Cells 320.1MHz 130nm Technology  
1.5V 144-Pin TQFP**



Images are for reference only

|                      |                            |
|----------------------|----------------------------|
| <b>Manufacturer:</b> | <a href="#">Intel Corp</a> |
| <b>Package/Case:</b> | QFP                        |
| <b>Product Type:</b> | Programmable Logic ICs     |
| <b>Lifecycle:</b>    | Obsolete                   |

[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

|                          |                     |                     |
|--------------------------|---------------------|---------------------|
| <b>EPMB256AQC208-10N</b> | <b>EPCQ32ASI8N</b>  | <b>EPCQ32SI8N</b>   |
| Intel Corp               | Intel Corp          | Intel Corp          |
| QFP208                   | SOP8                | SOP8                |
| <b>EPCQ64ASI16N</b>      | <b>EPCQ16SI8N</b>   | <b>EPC2H32</b>      |
| Intel Corp               | Intel Corp          | Intel Corp          |
| SOP16                    | SOP8                | QFP                 |
| <b>EPM7128STC100-15N</b> | <b>EP1C6Q240I7N</b> | <b>EPCQ128SH16N</b> |
| Intel Corp               | Intel Corp          | Intel Corp          |
| QFP100                   | QFP240              | SOP16               |

**EPM7128SLC84-15N**

Intel Corp

PLCC

**EPC1213PC8**

Intel Corp

DIP8

**EP1K30TC144-3N**

Intel Corp

QFP

**EPCS1S18**

Intel Corp

SOP-8

**EPC1P18N**

Intel Corp

DIP8

**EPC2LI20N**

Intel Corp

PLCC