


FPGA FLEX 10KE Family 200K Gates 9984 Cells 166.67MHz 0.22um  
Technology 2.5V 240-Pin RQFP



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">Intel Corp</a>
<b>Package/Case:</b>	QFP240
<b>Product Type:</b>	Programmable Logic ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Obsolete

## General Description

Altera's FLEX 10K devices are the industry's first embedded PLDs. Based on reconfigurable CMOS SRAM elements, the Flexible Logic Element MatriX (FLEX) architecture incorporates all features necessary to implement common gate array megafunctions. With up to 250,000 gates, the FLEX 10K family provides the density, speed, and features to integrate entire systems, including multiple 32-bit buses, into a single device.

FLEX 10K devices are reconfigurable, which allows 100% testing prior to shipment. As a result, the designer is not required to generate test vectors for fault coverage purposes. Additionally, the designer does not need to manage inventories of different ASIC designs; FLEX 10K devices can be configured on the board for the specific functionality required.



## Recommended For You

**EPMB256AQC208-10N**

Intel Corp  
QFP208

**EPCQ32ASI8N**

Intel Corp  
SOP8

**EPCQ32SI8N**

Intel Corp  
SOP8

**EPCQ64ASI16N**

Intel Corp  
SOP16

**EPCQ16SI8N**

Intel Corp  
SOP8

**EPC2II32**

Intel Corp  
QFP

**EPM7128STC100-15N**

Intel Corp  
QFP100

**EP1C6Q240I7N**

Intel Corp  
QFP240

**EPCQ128SI16N**

Intel Corp  
SOP16

**EPM7128SLC84-15N**

Intel Corp  
PLCC

**EPC1213PC8**

Intel Corp  
DIP8

**EP1K30TC144-3N**

Intel Corp  
QFP

**EPCS1S18**

Intel Corp  
SOP-8

**EPC1PI8N**

Intel Corp  
DIP8

**EPC2LI20N**

Intel Corp  
PLCC