

**FPGA FLEX 6000 Family 16K Gates 1320 Cells 142.86MHz 0.42um
Technology 3.3V 100-Pin TQFP**



Images are for reference only

Manufacturer:	Intel Corp
Package/Case:	QFP
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

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General Description

The Altera® FLEX 6000 programmable logic device (PLD) family provides a low-cost alternative to high-volume gate array designs. FLEX 6000 devices are based on the OptiFLEX architecture, which minimizes die size while maintaining high performance and routability. The devices have reconfigurable SRAM elements, which give designers the flexibility to quickly change their designs during prototyping and design testing. Designers can also change functionality during operation via in-circuit reconfiguration.

FLEX 6000 devices are reprogrammable, and they are 100% tested prior to shipment. As a result, designers are not required to generate test vectors for fault coverage purposes, allowing them to focus on simulation and design verification. In addition, the designer does not need to manage inventories of different gate array designs. FLEX 6000 devices are configured on the board for the specific functionality required.

Recommended For You

EPMB256AQC208-10N	EPCQ32ASI8N	EPCQ32SI8N
Intel Corp	Intel Corp	Intel Corp
QFP208	SOP8	SOP8
EPCQ64ASI16N	EPCQ16SI8N	EPC2H32
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

EP1K30TC144-3N

Intel Corp

QFP

EPCS1S18

Intel Corp

SOP-8

EPC1P18N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC