

FPGA Cyclone Family 12060 Cells 320.1MHz 0.13um (CMOS) 1.5V 240-Pin

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	QFP-240
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP1C12Q240I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP1C12Q240I7N is an FPGA (Field-Programmable Gate Array) manufactured by Intel (formerly Altera). It is a member of the Cyclone II family of FPGAs and has the following features:

### Features

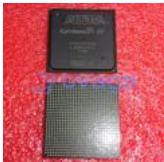
- 12,060 logic elements (LEs)
- 653 Kbits of embedded memory
- 288 user I/O pins
- 3 PLLs (Phase-Locked Loops)
- On-chip memory controllers for SDRAM, SSRAM, and FIFOs
- Support for various communication protocols such as SPI, I2C, UART, and CAN.

### Application

- Digital signal processing (DSP)
- Communications systems
- High-speed networking equipment
- Industrial automation and control
- Military and aerospace applications.

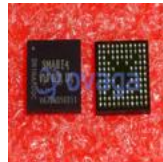


### Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



[EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



[EPM570F256C5N](#)

Altera Corporation (Intel)  
FBGA-256



[EP2C35F672C8N](#)

Altera Corporation (Intel)  
FBGA-672



[EPM7128AETC100-10](#)

Altera Corporation (Intel)  
TQFP-100



[EP2C35F484C7N](#)

Altera Corporation (Intel)

FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)

FBGA-484