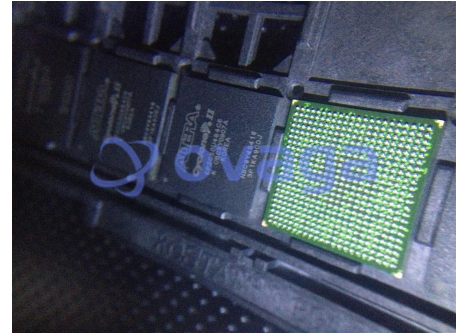


FPGA - Field Programmable Gate Array FPGA - Cyclone II 3158 LABs 294 IOs

| | |
|---------------|--|
| Manufacturers | Altera Corporation (Intel) |
| Package/Case | BGA-484 |
| Product Type | Programmable Logic ICs |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for EP2C50U484C6N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2C50U484C6N is a part number of a field-programmable gate array (FPGA) manufactured by Intel.

Features

It has 50,000 logic elements (LEs) and 1,288 embedded memory blocks (MBs).

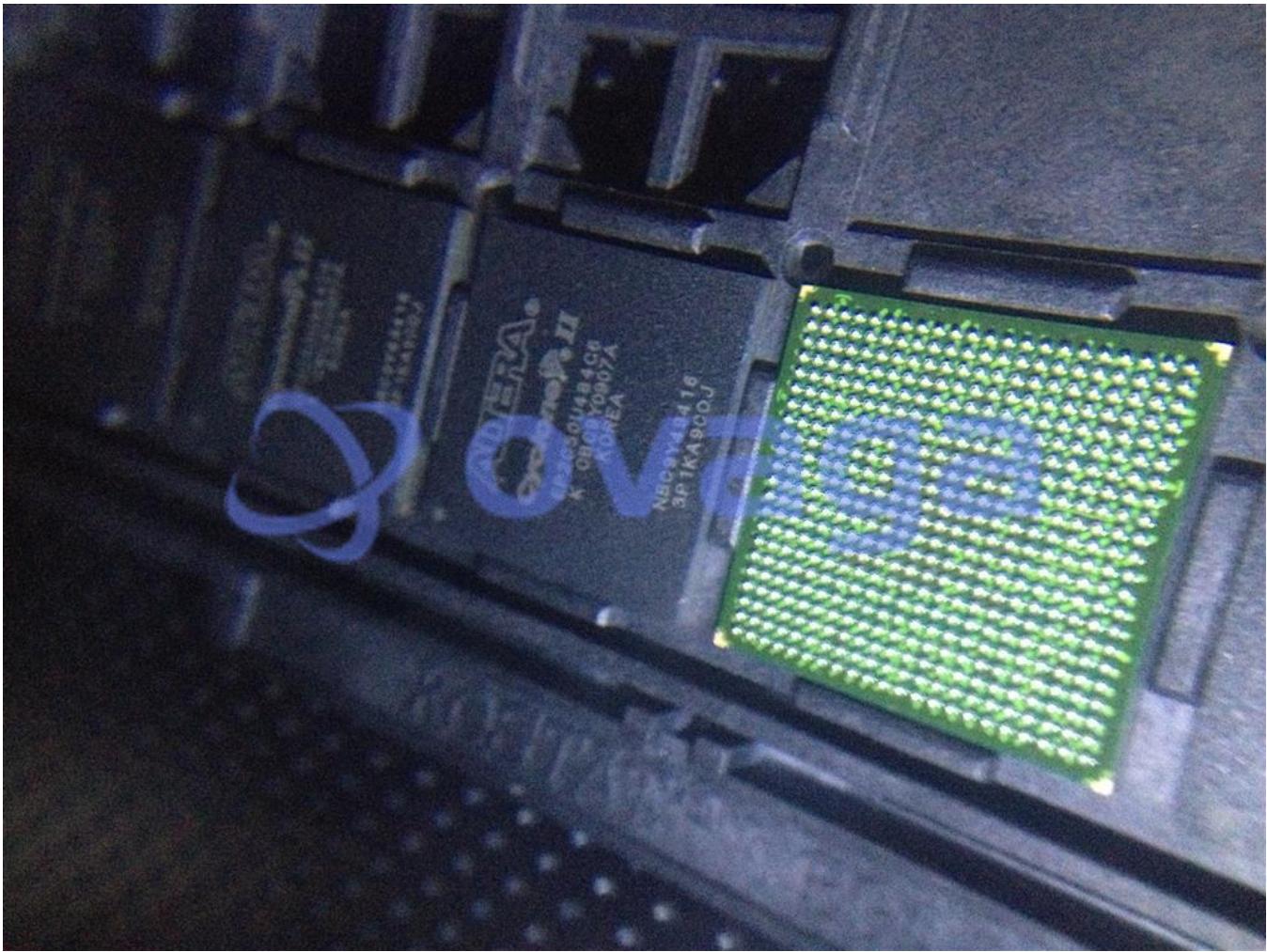
It has 228 18 x 18-bit multipliers for digital signal processing (DSP) applications.

It has up to 516 user I/Os and up to 8 high-speed transceivers.

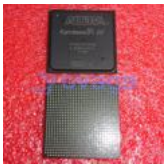
It operates at a maximum frequency of 400 MHz and can operate at a voltage range of 1.1V to 1.25V.

Application

EP2C50U484C6N can be used in various applications, including telecommunications, networking, digital signal processing, industrial control, and aerospace and defense.



Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



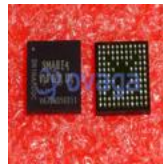
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM570F256C5N](#)

Altera Corporation (Intel)
FBGA-256



[EPM7128AETC100-10](#)

Altera Corporation (Intel)
TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484