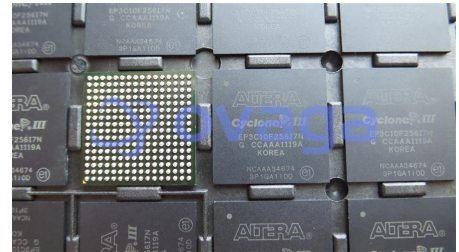


Field Programmable Gate Array FPGA - Cyclone III 645 LABs 182 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C10F256I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

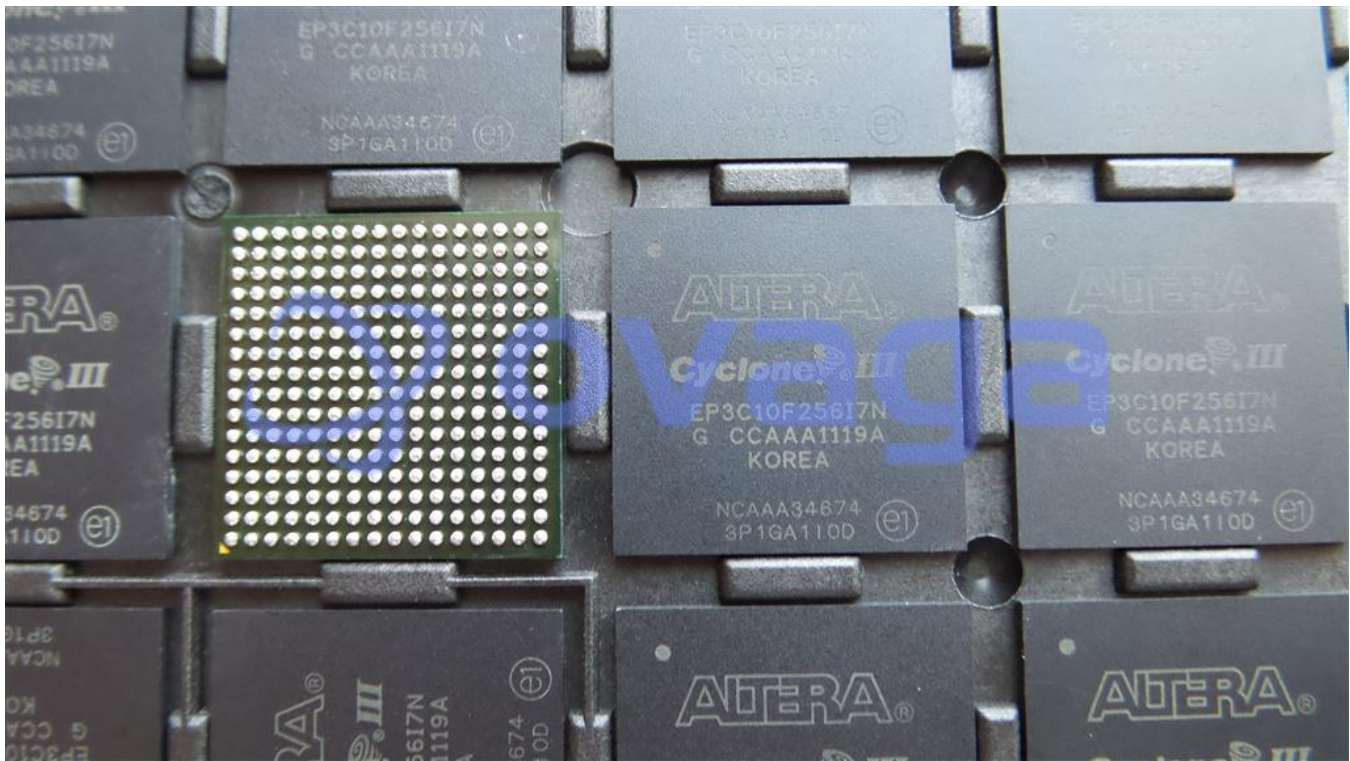
EP3C10F256I7N is a part number for a Field-Programmable Gate Array (FPGA) from the Cyclone III family, manufactured by Intel (formerly Altera).

Features

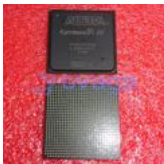
- It has 10,080 logic elements (LEs)
- 256 embedded memory blocks (MBs)
- 4-phase-lock-loop (PLL) clock networks
- 74 user I/O pins
- 8 dedicated clock pins
- 3.3V core voltage and 1.2V/2.5V/3.3V I/O voltage options
- It uses the TSMC 90nm low-power (LP) process technology

Application

- EP3C10F256I7N can be used in a wide range of applications, including communication systems, industrial control, test and measurement equipment, and automotive systems.
- It is suitable for implementing various functions such as data processing, signal processing, image processing, and control algorithms.



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