

Cyclone™ III FPGAs: An Unprecedented Combination of Power, Functionality, and Cost;
780 pin FBGA; -40 to 100°C

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-780
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C80F780I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP3C80F780I7N is a field-programmable gate array (FPGA) device from the Cyclone III family of FPGAs by Altera (now Intel).

Features

FPGA family: Cyclone III

Logic elements: 82,944

Embedded multipliers: 288

Block RAM: 4,608 Kbits

Maximum user I/Os: 622

Maximum user transceivers: 24

Operating frequency: up to 315 MHz

Application

Industrial automation and control

Video and image processing

Communication systems

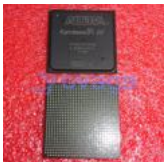
Aerospace and defense

Medical equipment

Test and measurement

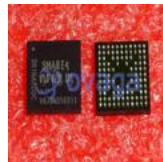


Related Products



[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](#)

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FBGA-484



[EP2C35F484I8N](#)

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FBGA-484