

FPGA, ARRIA GX, 20K ELEMENTS, FBGA780; Logic IC family:FPGA; Logic IC Base Number:20; Logic IC function:EP1AGX20C; Voltage, supply:1.2V; Case style:FBGA; Base number:1; I/O lines, No. of:341; Pins, No. of:780; Temp, op. max:85(degree RoHS Compliant:



Images are for reference only

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

Please submit RFQ for EP1AGX20CF780C6N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP1AGX20CF780C6N is an FPGA (Field Programmable Gate Array) device manufactured by Intel (formerly Altera).

Features

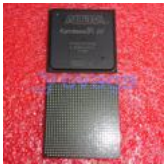
- It has 20,060 logic elements (LEs)
- 1,008 kilobits (Kb) of embedded memory
- 220 embedded 18 x 18 multipliers
- 4-phase-locked loops (PLLs)
- Maximum operating frequency of 500 MHz
- Supports various I/O standards such as LVCMOS, LVTTTL, LVDS, and PCI Express.

Application

- Automotive and industrial control systems
- Medical devices
- Video processing and broadcasting equipment
- Aerospace and defense systems
- Communication equipment
- Test and measurement equipment



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