

Field Programmable Gate Array FPGA - Stratix I 3247 LABs 726 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-1020
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP1S30F1020C6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP1S30F1020C6 is a part number for a specific model of Field-Programmable Gate Array (FPGA) manufactured by Intel (previously Altera). Here are some of its key features:

Features

Family: Stratix

Device Type: FPGA

Number of Logic Elements: 30,288

Number of LABs: 948

Number of Embedded Multipliers: 72

Number of DSP Blocks: 144

Total RAM: 2,516.5 Kbits

Number of I/O pins: 484

Operating Temperature Range: -40°C to +100°C

Application

High-speed communication systems

Video processing and compression

Image and signal processing

High-performance computing

Military and aerospace systems



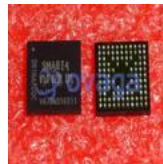


Related Products



[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



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FBGA-484