

FPGA - Field Programmable Gate Array FPGA - Stratix II 6627 LABs 742 IOs

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



Images are for reference only

Please submit RFQ for EP2S130F1020C5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2S130F1020C5 is a field-programmable gate array (FPGA) manufactured by Intel. It belongs to the Arria II family of FPGAs and has 130,000 logic elements.

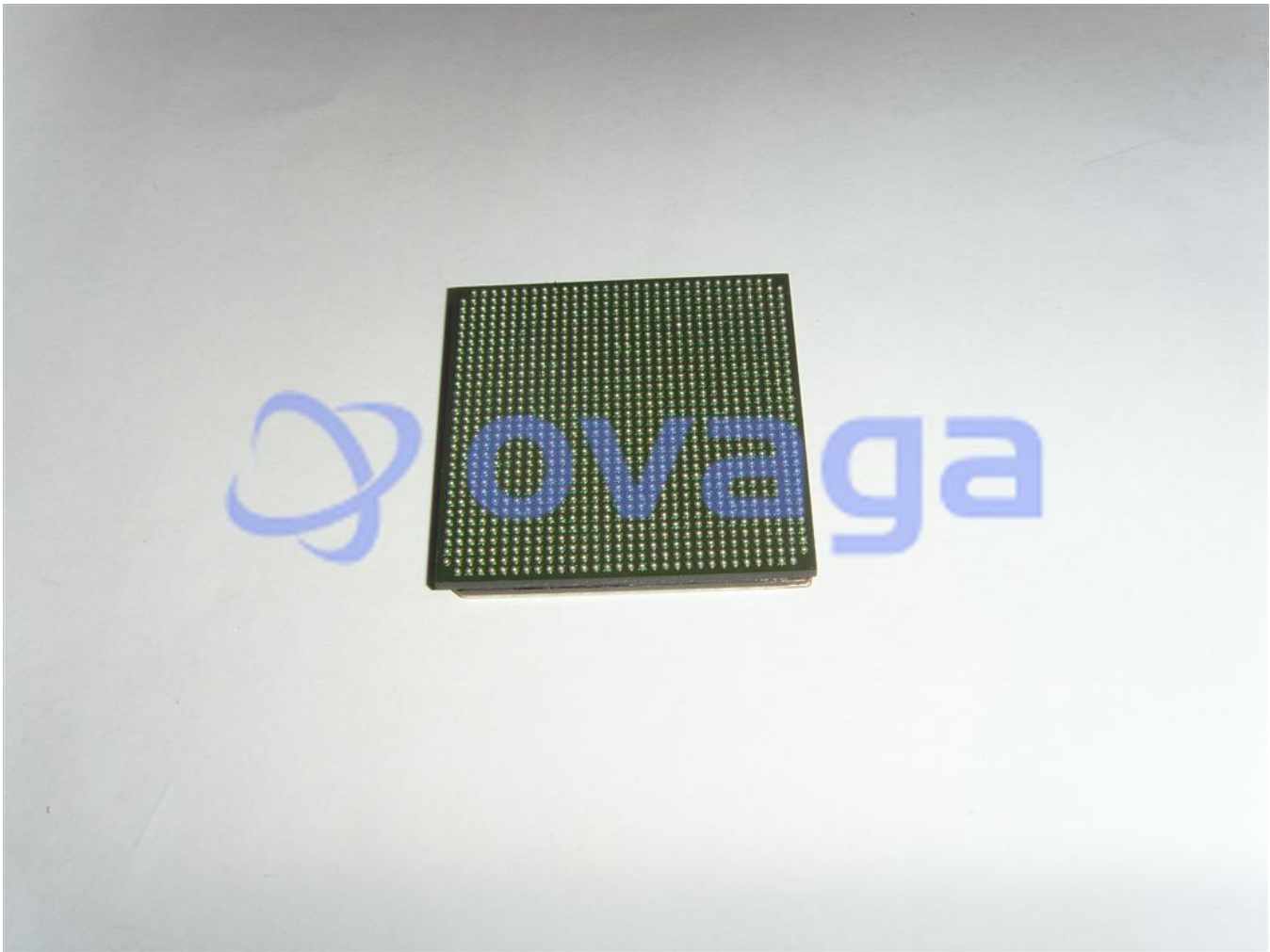
Features

- Up to 800 MHz maximum operating frequency
- Up to 9.9 Mbits of RAM
- Support for various interfaces such as DDR2/DDR3 memory, PCI Express, and Gigabit Ethernet
- Low power consumption
- High-speed serial transceivers

Application

- Communications: networking equipment, wireless base stations, routers, and switches
- Broadcast: video processing, broadcast automation, and signal routing
- Industrial: machine vision, motor control, and automation
- Military and Aerospace: radar and signal processing, avionics, and guidance systems





Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



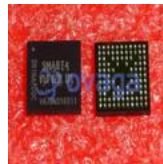
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

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BGA-100



[EPM570F256C5N](#)

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FBGA-256



[EPM7128AETC100-10](#)

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TQFP-100



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FBGA-484