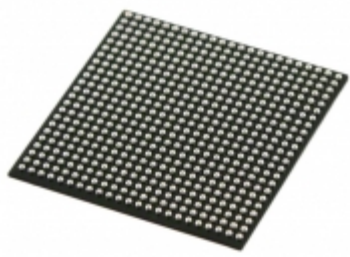


5CGTFD9C5F23I7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: 5CGTFD9C5F23I7N

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA 224 I/O 484FBGA

Data sheet:

 [Cyclone V Device Overview](#)

 [Cyclone V GX,GT,E Errata](#)

 [Cyclone V Device Datasheet](#)

 [Cyclone V Device Handbook](#)

 [Virtual JTAG Megafuntion User Guide](#)

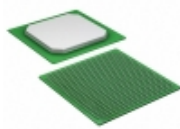
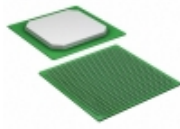
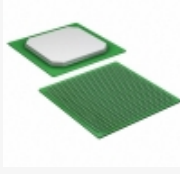
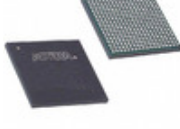
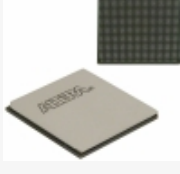
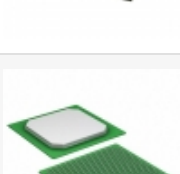
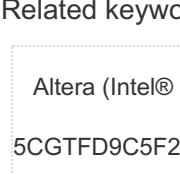
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	5CGTFD9C5F23I7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 224 I/O 484FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	169 pcs	Data sheet	Cyclone V Device Overview Cyclone V GX,GT,E Errata Cyclone V Device Datasheet Cyclone V Device Handbook Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.07 V ~ 1.13 V
Total RAM Bits	14251008	Supplier Device Package	484-FBGA (23x23)
Series	Cyclone® V GT	Package / Case	484-BGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	301000
Number of LABs/CLBs	113560	Number of I/O	224
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	5CGTFD9		
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	Part#: 5CGTFD7D5F27I7N Description: IC FPGA 336 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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