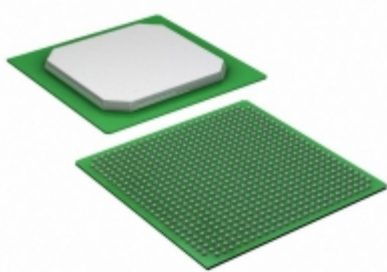


5CGTFD5C5F27I7N





Part Number: 5CGTFD5C5F27I7N

Manufacturer: Intel® FPGAs

Description: IC FPGA 336 I/O 672FBGA

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

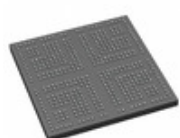
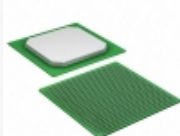
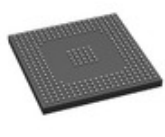
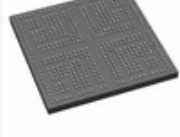
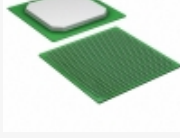
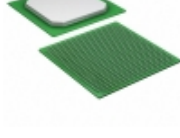
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PRODUCT PARAMETER			
Part Number	5CGTFD5C5F27I7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 336 I/O 672FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	478 pcs	Data sheet	Cyclone V Device Overview Cyclone V GX,GT,E 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	5001216	Supplier Device Package	672-FBGA (27x27)
Series	Cyclone® V GT	Package / Case	672-BGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	77000
Number of LABs/CLBs	29080	Number of I/O	336
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	5CGTFD5		
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	Part#: 5CGTFD5C5M13C7N Description: IC FPGA 175 I/O 383MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CGTFD7C5F23C7N Description: IC FPGA 240 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: 5CGTFD5F5M11C7N Description: IC FPGA 129 I/O 301MBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: 5CGTFD7B5M15I7N Description: IC FPGA 240 I/O 484MBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5CGTFD5C5F23I7N Description: IC FPGA 240 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: 5CGTFD5C5M13I7N Description: IC FPGA 175 I/O 383MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CGTFD7C5U19A7N Description: IC FPGA 240 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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