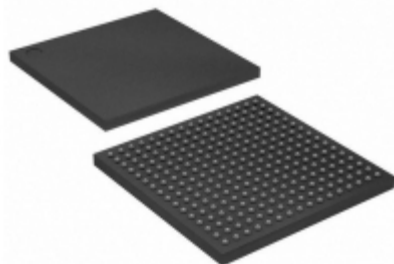


EP1K50FC256-1





Part Number: [EP1K50FC256-1](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 186 I/O 256FBGA

Data sheet:  [ACEX 1K PLD Family](#)
 [256-FBGA Pkg Info](#)

RoHs Status: Contains lead / RoHS non-compliant

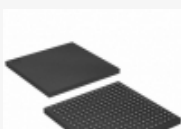
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EP1K50FC256-1	Manufacturer	Intel® FPGAs
Description	IC FPGA 186 I/O 256FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5232 pcs	Data sheet	ACEX 1K PLD Family 256-FBGA Pkg Info
Category	Integrated Circuits (ICs)	Voltage - Supply	2.375 V ~ 2.625 V
Total RAM Bits	40960	Supplier Device Package	256-FBGA (17x17)
Series	ACEX-1K®	Package / Case	256-BBGA
Other Names	544-1030	Operating Temperature	0°C ~ 70°C (TA)
Number of Logic Elements/Cells	2880	Number of LABs/CLBs	360
Number of I/O	186	Number of Gates	199000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Base Part Number	EP1K50
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	Part#: EP1K30TI144-2N Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K30TC144-3N Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K30TI144-2 Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP1K50FC256-3N Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K50FC484-2 Description: IC FPGA 249 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K50FC256-2 Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K50FC256-2N Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP1K30TI144-2NGA Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50FC256-3 Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K30TC144-2N Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50FC484-1 Description: IC FPGA 249 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K30TC144-3 Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K50FC484-2N Description: IC FPGA 249 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50FC484-1N Description: IC FPGA 249 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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