

A54SX16A-1FG256I



Part Number: [A54SX16A-1FG256I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 180 I/O 256FBGA

Data sheet:  [SX-A Family FPGAs Datasheet](#)

RoHS Status: Contains lead / RoHS non-compliant

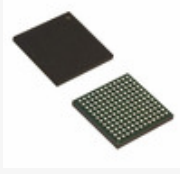
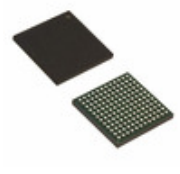
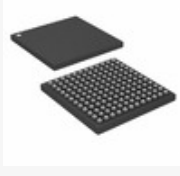
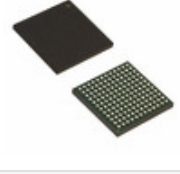
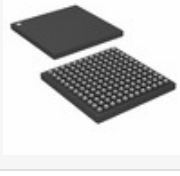
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Request For Quotation

PRODUCT PARAMETER			
Part Number	A54SX16A-1FG256I	Manufacturer	Microsemi
Description	IC FPGA 180 I/O 256FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4166 pcs	Data sheet	SX-A Family FPGAs Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	2.25 V ~ 5.25 V
Supplier Device Package	256-FPBGA (17x17)	Series	SX-A
Package / Case	256-LBGA	Operating Temperature	-40°C ~ 85°C (TA)
Number of LABs/CLBs	1452	Number of I/O	180
Number of Gates	24000	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Base Part Number	A54SX16A		
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	Part#: A54SX16A-1FGG256M Description: IC FPGA 180 I/O 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: A54SX16-VQ100I Description: IC FPGA 81 I/O 100VQFP	Manufacturers: Microsemi	RFQ
	Part#: A54SX16A-1FG256M Description: IC FPGA 180 I/O 256FBGA	Manufacturers: Microsemi	RFQ
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	Part#: A54SX16A-1FG144M Description: IC FPGA 111 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: A54SX16-VQG100 Description: IC FPGA 81 I/O 100VQFP	Manufacturers: Microsemi	RFQ
	Part#: A54SX16A-1FG256 Description: IC FPGA 180 I/O 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: A54SX16A-1FGG256 Description: IC FPGA 180 I/O 256FBGA	Manufacturers: Microsemi	RFQ
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	Part#: A54SX16A-1FGG144M Description: IC FPGA 111 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: A54SX16A-1FG144I Description: IC FPGA 111 I/O 144FBGA	Manufacturers: Microsemi	RFQ
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	Part#: A54SX16-VQG100I Description: IC FPGA 81 I/O 100VQFP	Manufacturers: Microsemi	RFQ
	Part#: A54SX16A-1PQ208I Description: IC FPGA 175 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A54SX16-TQG176I Description: IC FPGA 147 I/O 176TQFP	Manufacturers: Microsemi	RFQ
	Part#: A54SX16-VQ100 Description: IC FPGA 81 I/O 100VQFP	Manufacturers: Microsemi	RFQ

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