

A54SX08-1VQG100I



Part Number: [A54SX08-1VQG100I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 81 I/O 100VQFP

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

RoHs Status: Lead free / RoHS Compliant

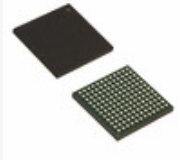
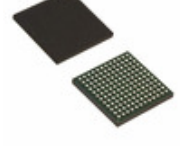
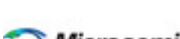
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PRODUCT PARAMETER			
Part Number	A54SX08-1VQG100I	Manufacturer	Microsemi
Description	IC FPGA 81 I/O 100VQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5865 pcs	Data sheet	SX Family FPGAs Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	3 V ~ 3.6 V, 4.75 V ~ 5.25 V
Supplier Device Package	100-VQFP (14x14)	Series	SX
Package / Case	100-TQFP	Operating Temperature	-40°C ~ 85°C (TA)
Number of LABs/CLBs	768	Number of I/O	81
Number of Gates	12000	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	A54SX08		
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	Part#: A54SX08-2PL84 Description: IC FPGA 69 I/O 84PLCC	Manufacturers: Microsemi	RFQ
	Part#: A54SX08-1VQG100 Description: IC FPGA 81 I/O 100VQFP	Manufacturers: Microsemi	RFQ
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	Part#: A54SX08-2PQ208 Description: IC FPGA 130 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A54SX08-2FG144 Description: IC FPGA 111 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: A54SX08-1TQG176I Description: IC FPGA 128 I/O 176TQFP	Manufacturers: Microsemi	RFQ

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