

**A54SX16P-2TQG144I** 

Part Number:

Manufacturer/Brand:

Product description Datasheets:

Ship From Shipment Way

RoHs Status

A54SX16P-2TQG144I

Microsemi

IC FPGA 113 I/O 144TQFP

A54SX16P-2TQG144I.pdf Lead free / RoHS Compliant

Hong Kong

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**REQUEST FOR QUOTATION** 

Image may be representation. See specifications for product details.

VOLTAGE - SUPPLY  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  SUPPLIER DEVICE PACKAGE  144-TQFP (20x20)  SERIES  SX  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  NUMBER OF I/O  113  NUMBER OF GATES  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  SX  SX  144-LQFP  -40°C ~ 85°C (TA)  1452  Surface Mount  3 (168 Hours)  Lead free / RoHS Compliant		Specifications of A54SX16P-2TQG144I
MANUFACTURER  DESCRIPTION  IC FPGA 113 I/O 144TQFP  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  VOLTAGE - SUPPLY  SUPPLIER DEVICE PACKAGE  144-TQFP (20x20)  SERIES  SX  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  NUMBER OF I/O  NUMBER OF GATES  MOUNTING TYPE  MOUSTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  MICROSEMI  IC FPGA 113 I/O 144TQFP  Lead free / RoHS Compliant  Microsemi  IC FPGA 113 I/O 144TQFP  Lead free / RoHS Compliant	DADT MIIMDED	AE45V16D 2TOC144I
DESCRIPTION  IC FPGA 113 I/O 144TQFP  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  DATA SHEET  VOLTAGE - SUPPLY  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  SUPPLIER DEVICE PACKAGE  144-TQFP (20x20)  SERIES  SX  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF I/O  113  NUMBER OF GATES  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD free / ROHS Compliant		
LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  DATA SHEET  VOLTAGE - SUPPLY  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  SUPPLIER DEVICE PACKAGE  144-TQFP (20x20)  SERIES  SX  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  1452  NUMBER OF I/O  113  NUMBER OF GATES  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant		
DATA SHEET  VOLTAGE - SUPPLY  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  SUPPLIER DEVICE PACKAGE  144-TQFP (20x20)  SERIES  SX  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  NUMBER OF GATES  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  144-TQFP (20x20)  5 X  144-LQFP  -40°C ~ 85°C (TA)  113  Surface Mount  3 (168 Hours)  Lead free / RoHS Compliant		
VOLTAGE - SUPPLY  3 V ~ 3.6 V, 4.75 V ~ 5.25 V  SUPPLIER DEVICE PACKAGE  144-TQFP (20x20)  SERIES  SX  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  NUMBER OF I/O  113  NUMBER OF GATES  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS	LEAD FREE STATUS / ROHS STATUS	
SUPPLIER DEVICE PACKAGE  \$144-TQFP (20x20)  \$ERIES  \$X  PACKAGE / CASE  \$144-LQFP  OPERATING TEMPERATURE  \$40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  \$1452  NUMBER OF I/O  \$113  NUMBER OF GATES  \$24000  MOUNTING TYPE  \$Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS	DATA SHEET	A54SX16P-2TQG144I.pdf
SERIES  PACKAGE / CASE  144-LQFP  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  NUMBER OF I/O  113  NUMBER OF GATES  24000  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS	VOLTAGE - SUPPLY	3 V ~ 3.6 V, 4.75 V ~ 5.25 V
PACKAGE / CASE  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  1452  NUMBER OF I/O  113  NUMBER OF GATES  AMOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS	SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  1452  NUMBER OF I/O  113  NUMBER OF GATES  24000  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  -40°C ~ 85°C (TA)  1452  Surface Mount  113  Lead free / RoHS Compliant	SERIES	SX
NUMBER OF LABS/CLBS  NUMBER OF I/O  113  NUMBER OF GATES  AUMOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  1452  1452  1452  Sufface Mount  3 (168 Hours)  Lead free / RoHS Compliant	PACKAGE / CASE	144-LQFP
NUMBER OF I/O  NUMBER OF GATES  24000  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  113  24000  Lead free / RoHS Compliant	OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF GATES  24000  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	NUMBER OF LABS/CLBS	1452
MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Surface Mount  3 (168 Hours)  Lead free / RoHS Compliant	NUMBER OF I/O	113
MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	NUMBER OF GATES	24000
LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant	MOUNTING TYPE	Surface Mount
	MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
BASE PART NUMBER A54SX16	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
	BASE PART NUMBER	A54SX16

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Description: IC FPGA 81 I/O 100VQFP

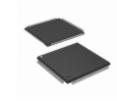
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### A54SX16P-2VQ100 Manufacturers: Microsemi

Description: IC FPGA 81 I/O 100VQFP

In stock: Out stock **RFQ** 

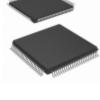


## **A54SX16P-2TQ144I**

Manufacturers: Microsemi Description: IC FPGA 113 I/O 144TQFP

In stock: Out stock

**RFQ** 



## **A54SX16P-2VQ100I**

Manufacturers: Microsemi Description: IC FPGA 81 I/O 100VQFP

In stock: Out stock **RFQ** 



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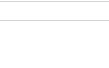
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Manufacturers: Microsemi

Description: IC FPGA 147 I/O 176TQFP

In stock: Out stock

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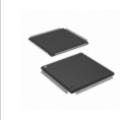


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#### A54SX16P-2TQ176I Manufacturers: Microsemi

Description: IC FPGA 147 I/O 176TQFP In stock: Out stock

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### A54SX16P-2TQ144 Manufacturers: Microsemi

Description: IC FPGA 113 I/O 144TQFP In stock: Out stock

**RFQ** 



### **A54SX16P-2TQG144** Manufacturers: Microsemi

Description: IC FPGA 113 I/O 144TQFP In stock: Out stock

**RFQ** 



### **A54SX16P-2VQG100** Manufacturers: Microsemi Description: IC FPGA 81 I/O 100VQFP

In stock: Out stock

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Microsemi.

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In stock: Out stock

**RFQ** 





#### Manufacturers: Microsemi Description: IC FPGA 147 I/O 176TQFP

**A54SX16P-2TQG176I** 

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