



Xilinx



ALL PROGRAMMABLE.

Part Number: XC6VHX565T-1FF1924I

Manufacturer/Brand: Xilinx

Product description: IC FPGA 640 I/O 1924FCBGA

Datasheets: [1.XC6VHX565T-1FF1924I.pdf](#)
[2.XC6VHX565T-1FF1924I.pdf](#)

RoHs Status:  Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of XC6VHX565T-1FF1924I

PART NUMBER	XC6VHX565T-1FF1924I
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA 640 I/O 1924FCBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	1.XC6VHX565T-1FF1924I.pdf 2.XC6VHX565T-1FF1924I.pdf
VOLTAGE - SUPPLY	0.95 V ~ 1.05 V
TOTAL RAM BITS	33619968
SUPPLIER DEVICE PACKAGE	1924-FCBGA (45x45)
SERIES	Virtex@-6 HXT
PACKAGE / CASE	1924-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	566784
NUMBER OF LABS/CLBS	44280
NUMBER OF I/O	640
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
BASE PART NUMBER	XC6VHX565T

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