

Field Programmable Gate Arrays (XC3000A/L, XC3100A/L)

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	QFP160
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3190A-4PQ160I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3190A-4PQ160I is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading supplier of programmable logic solutions.

## Features

It has 3192 logic cells (hence the name XC3190A), which can be configured to perform any digital function

The device operates on a 3.3V power supply and has a maximum operating frequency of 100MHz

It also features 48 input/output (I/O) pins and four clock management tiles

It has on-chip memory blocks and built-in digital signal processing (DSP) blocks, which can be used for implementing complex algorithms and signal processing functions.

## Application

The XC3190A-4PQ160I FPGA is commonly used in communication systems, high-performance computing, and multimedia applications

It can be used to implement complex signal processing algorithms such as Fast Fourier Transform (FFT), convolution, and filtering

It is also used in automotive applications, industrial control, and test and measurement equipment.



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