#### Related Products

MachXO3D

MachXO3D Development Board

**Low-cost, Easy-to-use Platform** - The MachXO3D Breakout Board is used for evaluating and designing with the MachXO3D device family, which represents a first in the programmable logic industry by embedding an immutable security block which enables a hardware Root-of-Trust (RoT) onto a highly optimized and versatile FPGA fabric.

What's Included - The board comes in 3 x 3 inch form factor and features a USB mini-B connector for power and programming, an LED array, and prototype area. A USB cable is included with the kit.

**Preloaded Demo** – The Board includes a preloaded counter design that highlights use of the embedded MachXO3D oscillator and programmable I/O configured for LED drive.

#### Features

- MachXO3D FPGA Flash-based LCMXO3D-9400HC-5BG256C
- USB mini-B connector for power and programming; Eight LEDs; 40-hole prototype area
- 16 Mb Serial Flash Memory for external SPI boot-up support
- $\blacksquare$  Four 2  $\times$  20 expansion header landings for general I/O, JTAG, and external power
- $\blacksquare$  1 × 8 expansion header landing for JTAG; 1 × 6 expansion header landing for SPI/I $^2$ C
- 3.3 V and 1.2 V supply rails

Buy Now

Contact Sales

# Jump to

**Board Photos** 

Ordering Information

Documentation

Support



### Board Photos



Top View



Expand Image  $\oplus$ 

Expand Image  $\oplus$ 



**Bottom View** 





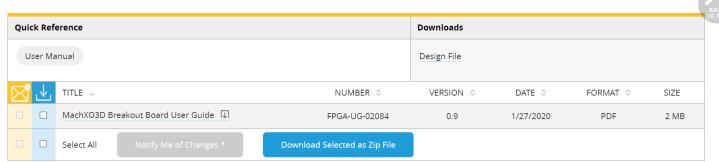




# Ordering Information

- Ordering Part Number: LCMXO3D-9400HC-B-EVN
- Click here to find an authorized Lattice distributor near you
- Click here to order now from the Lattice Online Store

#### Documentation

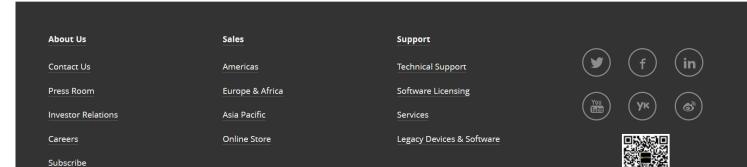


<sup>\*</sup>By clicking on the "Notify Me of Changes" button, you agree to receive notifications on changes to the document(s) you selected.



## Support

#### **Technical Support** Licensing Quality & Reliability Services Need Help? We're Here to Assist You Find The Software & IP Licenses You Reference Material to Help Answer Your Outside Services to Help Get The Job Done Questions Answer Database Articles Design Services Lattice Software Licenses Quality & Reliability Home Get Technical Support ■ Third-Party Programming Support for Lattice Devices Lattice IP Core Licensing ■ Product Change Notifications (PCNs) ■ Design Software ■ More Licensing Information Training



©2021 Lattice Semiconductor | Legal Notices | Privacy Policy | Site Map | Use of Cookies

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lattice:

LCMXO3D-9400HC-B-EVN