

## New Product Announcement

# Terasic's DE10-Nano Kit, Built on the Intel Cyclone V FPGA, Now at Mouser Electronics

**July 27, 2017** – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader that empowers innovation, is now stocking the [DE10-Nano](#) development kit from [Terasic Technologies](#), a platinum member of the Intel® FPGA Design Solutions Network. The DE10-Nano kit is a robust hardware design platform built around an Intel System-on-Chip (SoC) [FPGA](#), which combines a processor, peripherals, and an FPGA fabric into a single, user-customizable device.

The [Terasic DE10-Nano](#) kit, available from Mouser Electronics, is based on the 28 nm [Intel Cyclone® V](#) SoC FPGA, which integrates dual-core ARM® Cortex®-A9 embedded cores with industry-leading programmable logic for maximum design flexibility. Developers can leverage the power of reconfigurability along with a high-performance, [low-power](#) processor system. The Cyclone V SoC combines an ARM-based hard processor system (HPS) consisting of processor, peripherals, and memory interfaces tied seamlessly with the FPGA fabric using a high-bandwidth interconnect backbone.

The DE10-Nano kit includes two 40pin general-purpose input/output (GPIO) headers, 1 GByte of high-speed DDR3 [memory](#), a 12-bit analog-to-digital converter (ADC), Gigabit Ethernet networking, and an HDMI transmitter. The kit contains all the components required to use the board with a computer running Microsoft Windows XP or later.

To learn more about the DE10-Nano development kit, visit <http://www.mouser.com/new/terasic-technologies/terasic-de10-nano-kit/>.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

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### **About Terasic Technologies**

Terasic Technologies offers expertise in FPGA/ASIC design, high speed board design and layout, low cost board design, device drivers, and all other supporting software and documentation. They are dedicated to providing a wide range of various FPGA based boards for academia and industries. Terasic's cutting-edge design and manufacturing capabilities provide state of the art products and exceptional services to their customers. Terasic products have enjoyed phenomenal success all over the world and continues to set the standard in development hardware.

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