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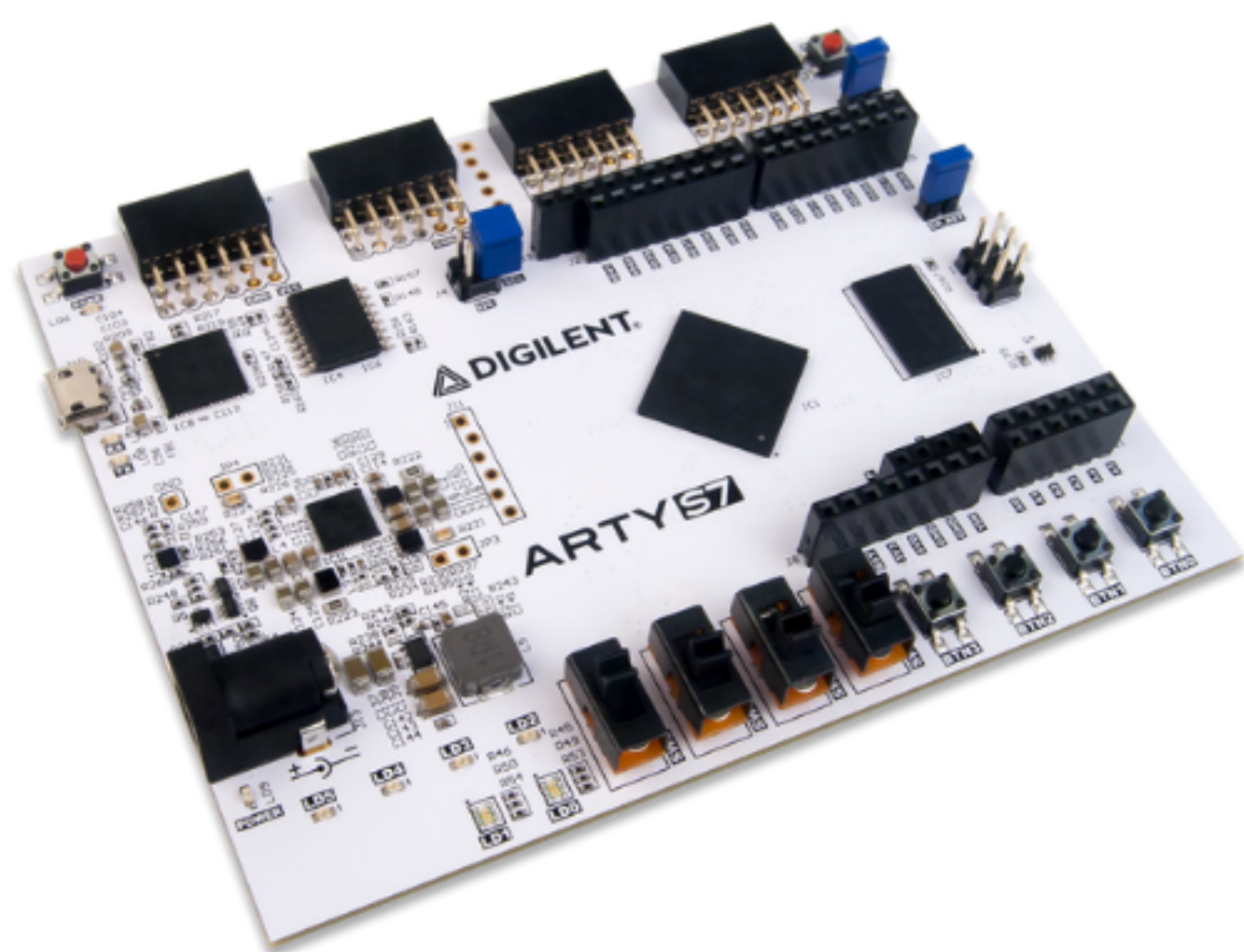
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Arty S7: Spartan-7 FPGA Development Board

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SKU: 410-352-25

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Arty S7 options: (Required)

- ☒ Arty S7-25
- ☐ Arty S7-25 with USB A to Micro-B Cable
- ☐ Arty S7-50
- ☐ Arty S7-50 with USB A to Micro-B Cable

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- Description
- Features
- What's Included
- Software
- Support

The Arty family of Digilent FPGA/SoC boards was designed with versatility and flexibility in mind. With universally popular Arduino™ headers and multiple Pmod™ ports, an Arty will be the most adaptable FPGA/SoC board in your toolbox.

The Arty S7 is an affordable, ready-to-use development platform designed around the Xilinx Spartan®-7 FPGA family. With the Spartan®-7 devices, the Arty S7 board offers best-in-class performance-per-watt, along with small form-factor packaging to meet the most stringent requirements. With the MicroBlaze Soft Processor Core from Xilinx, you can create embedded applications with a variety of peripherals, memory, and interfaces.

The Arty S7 is supported by Xilinx's Vivado Design Suite, including the free WebPACK version. You can also leverage the Vitis Core Development Kit or Xilinx Software Development Kit to start developing for the MicroBlaze processor with no prior FPGA experience.

There are two variants of the Arty S7: The Arty S7-25 features the XC7S25-CSGA324, and the Arty S7-50 features the larger XC7S50-CSGA324.

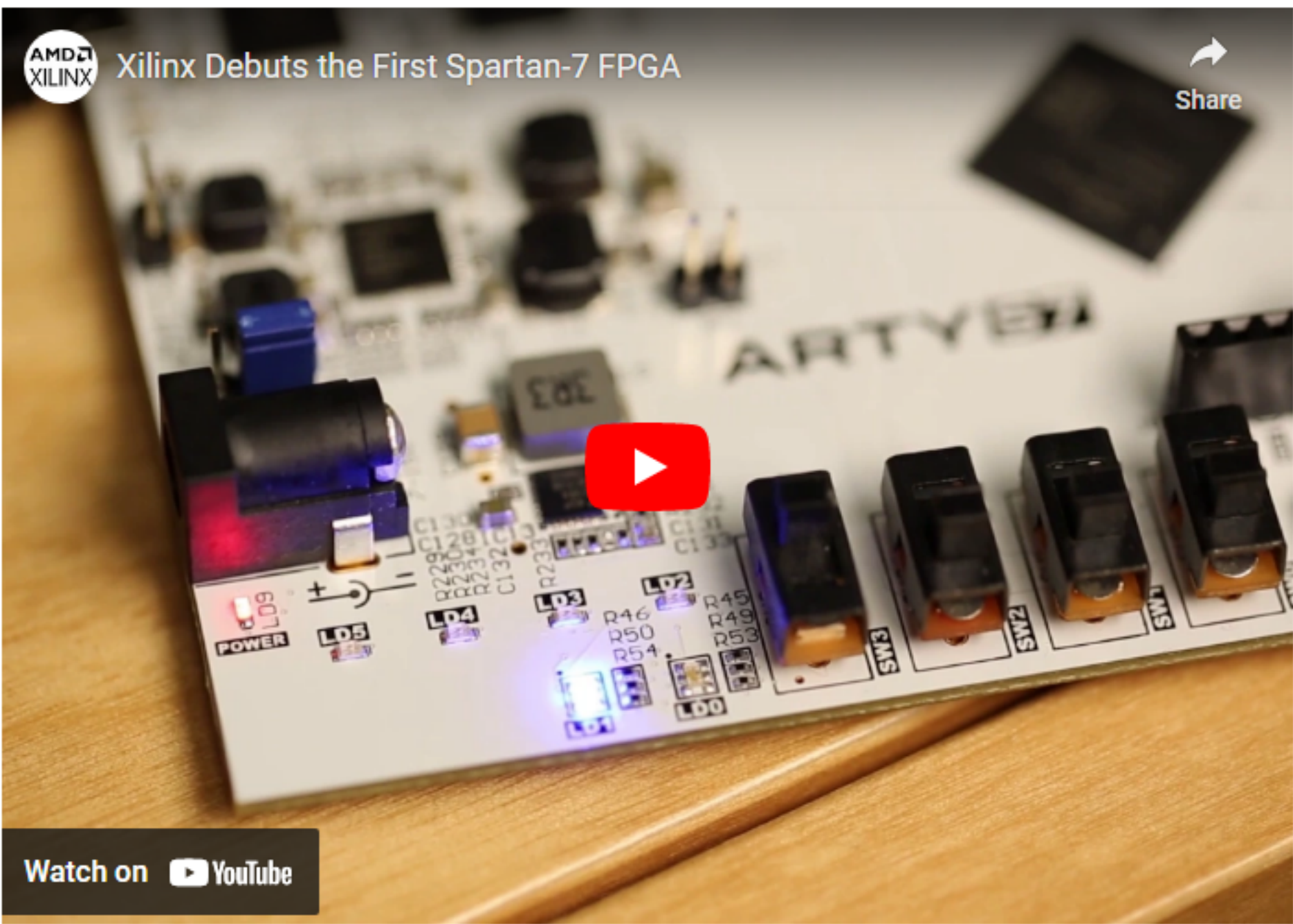
If your application requires transceiver lines on the FPGA, the higher-performance [Arty A7](#), featuring the Artix-7 FPGA, may be a better option. If you are looking for an SoC-based development board, consider the [Arty Z7](#), featuring the Zynq-7000 APSoC.

Guides and demos are available to help you get started quickly with the Arty S7. These can be found through the *Support Materials* tab.

Note for repeat customers: There has been a change to this product. Please see the memory section of the Features tab.

Videos

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Xilinx Debuts the First Spartan-7 FPGA
This video introduces the first member of the Spartan-7 family...



ARTY S7 Introduction
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