

FLEXIBLE, EASY-TO-USE DEVELOPMENT
PLATFORM FOR DTV DESIGNS

SPARTAN-6 FPGA CONSUMER VIDEO KIT

➤ Challenges of the DTV Designer

- Focus on picture quality and feature differentiation in a competitive market
- Find flexible solutions that can be easily ported to multiple platforms
- Streamline video algorithm development and time-to-market

➤ The Xilinx Solution

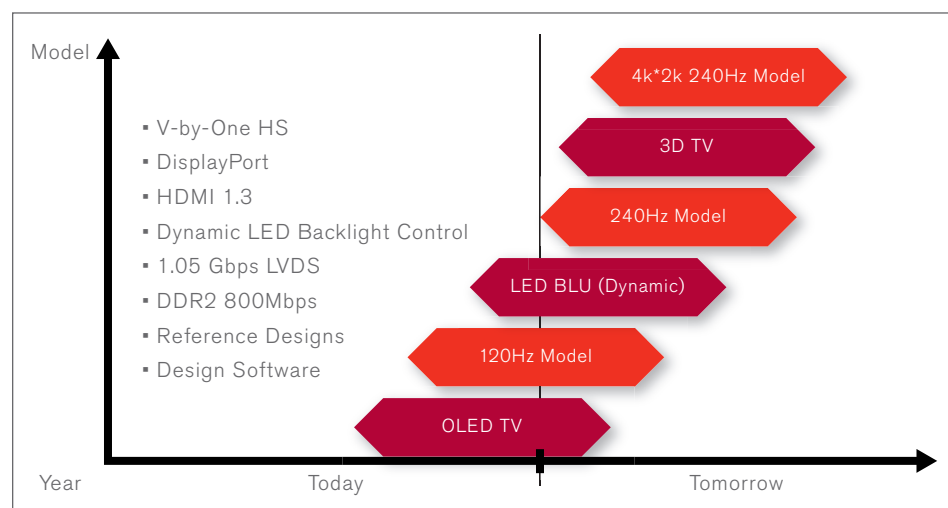
- Flexible design modification from beginning to end of production
- Easy differentiation in designs and end products
- Efficient picture quality algorithm development, even against tight schedules

Deliver next-generation DTV products with fewer resources, smaller budgets, and tighter schedules. The Spartan®-6 FPGA Consumer Video Kit, based on the 45nm Spartan-6 FPGA family, provides designers a ready-to-use platform that incorporates the latest software, design tools, and IP in the Targeted Design Platform methodology ideally suited for developing state-of-the-art DTV solutions – on time and on budget.

Simpler, Smarter Platform for Differentiated Digital TVs

The Spartan-6 FPGA Consumer Video Kit provides a simpler way to update and modify video algorithms, and incorporate new video standards such as DisplayPort and V-by-One® HS. The advanced integrated design environment allows designers to efficiently develop and test high speed serial interfaces like LVDS and TMDS and debug HDMI or DVI-based solutions. The Spartan-6 FPGA Consumer Video Kit offers everything designers need to implement features for today and tomorrow's market.

SUCCEED IN TODAY AND TOMORROW'S MARKET WITH THE SPARTAN-6 FPGA CONSUMER VIDEO KIT



What's Inside

- Spartan-6 LX150T-based video evaluation board with 4 FMC connectors
- LVDS daughtercard
- V-by-One HS daughtercard
- DisplayPort daughtercard
- HDMI 1.3 daughtercard
- Power supply and cables
- USB download cable
- Various video IP (DisplayPort, V-by-One HS)
- Various video related reference designs
- Startup/setup guide
- User guides
- ISE® design tools

SPARTAN-6 FPGA CONSUMER VIDEO KIT



Take the NEXT STEP

For more information on the Spartan-6 FPGA Consumer Video Kit, please visit www.xilinx.com/S6CVK

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