

DesignWare, Inc. KYOCERA

KYOCERA Meets Power, Cost and Time-to-Market Goals for Multifunction Printer Chipsets With DesignWare IP

Background

KYOCERA Document Solutions, Inc. is a manufacturer of document imaging solutions and

High-Quality Design IP

Today, the company uses a broad range of Synopsys standards-based interface IP to meet power, cost and time-to-market requirements. “We needed the IP integration to be easy and straightforward,” said Yoshihiro Osada. “That was the reason we selected Synopsys as our solutions provider for high-quality IP.”

The silicon-proven, easy to integrate Synopsys Ethernet MAC 10/100/1G IP is used in KYOCERA's multifunction printer chipsets. The configurable Ethernet IP reduced power consumption allowing KYOCERA to meet their energy-saving product requirements.

In addition, Synopsys' certified DesignWare USB IP ensured interoperability with other USB-enabled products and offered low power consumption as well as small area for lower silicon cost.

Synopsys' DesignWare IP for PCI Express incorporated the required functionality into KYOCERA's differentiated SoC. The high-performance Synopsys IP is low in power and latency and is compliant to the latest PCI Express specification.

Easy to Integrate

“With our tight project schedule, it was critical for us to easily interact with a knowledgeable and