



K-Micro adopts OCP interconnect in SoC for a multi-function printer

Kawasaki Microelectronics(K-Micro), a leader in advanced yet affordable ASICs, has adopted OCP technology for use in an leading-edge technology SoC for a customer making a multi-function laser printer.

K-Micro considered several solutions to interconnect IP blocks in the SoC and found that the alternatives to OCP made it difficult to optimize bus performance. By utilizing the OCP infrastructure and products available through other OCP-IP members, K-Micro was able to achieve 200MHz/128bit performance.

To implement the OCP interconnect, K-Micro created OCP interfaces for many of their IP cores, including USB2.0, PCI Express, Serial ATA and more. K-micro estimates that using the OCP interconnect will allow them to develop future SoCs in half the time, bring products to market much more quickly and more effectively support their customers.