

PoE PD Controller Powers LCD Display



Akros Semiconductor, Hall A4 Booth 242 at electronica, demonstrates its AS1135 Power over Ethernet (PoE) Powered Device (PD) controller implemented into a communication board driving the PoE-powered 22-W LCD display above it (see photo). The component implements the 2-Event Physical Layer Classification functionality of the 802.3at standard (Draft 2.0). This upcoming PoE standard raises the maximum available PD input power to 25.5 W from the previously specified level of 13 W of the existing 802.3af standard. The new 25.5-W power level opens up a range of new applications for PoE, including IP Security Cameras with Power, Tilt and Zoom (PTZ) capability, multi-radio 802.11n Wireless Access Points, WiMax Customer Premise Equipment, SOHO Ethernet Switches, LCD Displays, and other Thin-Client devices.

Akros Semiconductor
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