

GreenPacket™ PCI Express® Packet Switch – Industrial Temperature Support

Pericom Device: PI7C9X20404GP, PI7C9X20505GP, and PI7C9X20508GP – 4-Port 4-Lane, 5-Port 5-Lane, and 5-Port 8-Lane PCI Express Packet Switch

Pericom would like to formally inform customers that PI7C9X20404GP, PI7C9X20505GP, and PI7C9X20508GP have been qualified to be fully functional in industrial temperature range (-40°C to +85°C). Devices that are expected to operate in harsh environments or to be subjected to stresses must be qualified for industrial temperature.

The devices were qualified in testing facility using dedicated controlled-temperature chamber. The devices were tested at lower and upper temperature limits and at midpoints. The devices were proven reliable and fully functional in the -40°C to +85°C temperature range.

Other than extending the operation temperature, the function and datasheet description of the devices are unchanged.