PCI Express® UART I/O Bridge – Industrial Temperature Support

Pericom Device: PI7C9X7952A, PI7C9X7954A, and PI7C9X7958A – 2-Port, 4-Port, and 8-Port PCI Express UART I/O Bridges

Pericom would like to formally inform customers that PI7C9X7952A, PI7C9X7954A, and PI7C9X7958A 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.