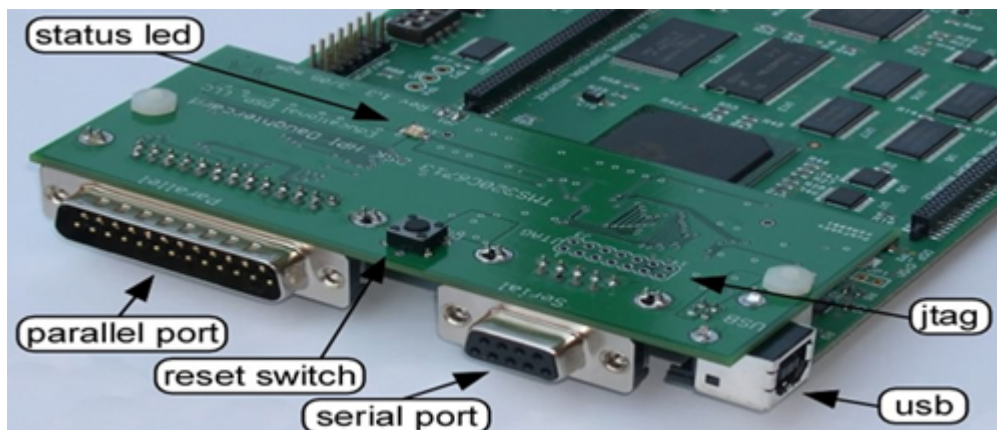


EDUCATIONAL DSP'S DSK6XXXHPI DAUGHTER CARD

Educational DSP's DSK6XXXHPI daughter card provides a variety of interfaces to the Host Port Interface on the TMS320C6713 and TMS320C6416T DSKs, opening up a whole new range of capabilities. (This product is an enhancement of the DSK6713HPI daughter card previously offered.)

In its Host Services mode, the daughter card allows serial, parallel and USB access to the DSK's HPI port. With this access in place, the winDSK6 demonstration/debugging software can be used, and stand-alone applications can be developed to permit a PC host to download software to the DSP and then control its operation. This is ideal for student (or other) projects, where an interface outside of Code Composer Studio is often desired. A complete, functional sample project (including a Microsoft Visual C++ graphical host application and a Code Composer Studio project for the DSP software) is available to make getting started easier.



The DSK6XXXHPI daughter card resources can also be used by the DSP application, through a simple set of function calls that control the daughter card in its DSP Services mode. This gives a DSP application control over up to sixteen (16) bits of digital I/O with individually selectable directions, up to eight 12-bit analog inputs, and easy access to communication over the serial and USB links. A number of complete, functional sample applications are available to provide a starting point for application development.