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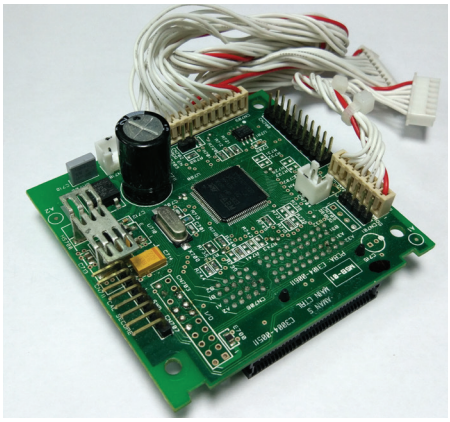
Jabil's Reference Design Modules



Instrument Controller Module

This module functions as the main controller within an embedded Test & Measurement (T&M) product. It is the gateway that controls the communication between various sub-systems within the embedded system.

Benefits

- Simplifies the complex control between the sub-systems by standardizing the messaging and interfaces
- Reduces project risks and shortens time to market by leveraging reusable abstracted interface
- Allows focus of design resources on core technology R&D rather than peripherals and interface control designs

HMI Module

This module functions as the human to machine interface (HMI) for the end users to control the instrument. Typically, a HMI module is located at the front panel of a box product.

Benefits

- Push buttons and a digital encoder can be quickly configured to support:
  - Power on/off
  - User interface navigation
- For products that require more complex panel controls, the matrixed architecture allows up to 24 push buttons
- For more specific product mechanical requirements and industrial designs, expedited mechanical redesign is available as a service
- Enables amore consistent look and user experience

LAN & RS232 Module

This module provides LAN and RS232 connectivity to the instrument controller module. This connectivity is typically used as the remote control interface to allow the end user to control the instrument remotely.

Benefits

- Choose the relevant interface for the product
- Single remote connectivity is used at any one time. Therefore, supporting all interfaces on every box is not required
- Lower the product cost by eliminating any unnecessary interfaces

For more information please visit: Jabil.com/Instrumentation

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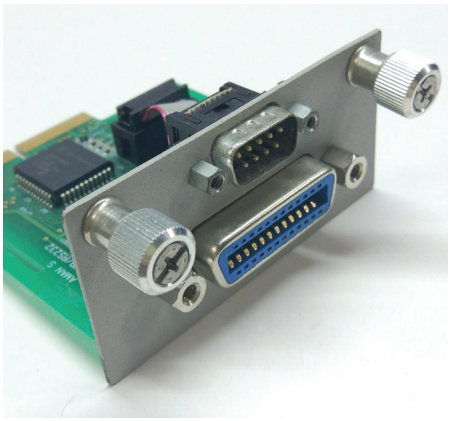
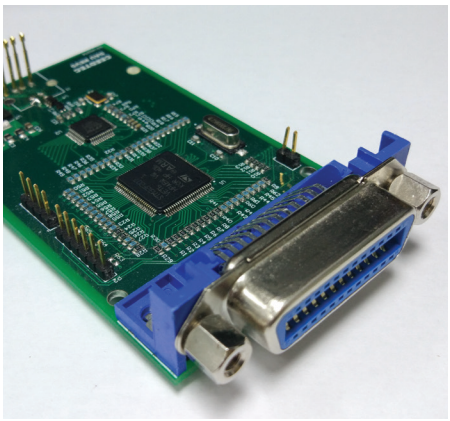


GPIB & RS232 Module

This module functions as a monitoring device for GPIB interface, a common T&M instrument for remote control bus on test systems.

Benefits

- Monitor the GPIB interface by capturing all commands and data on the communication bus in a non-intrusive manner
- Industry 4.0 applications:
  - Sends captured information to analytic servers to facilitate big data analytics
  - Enables implementation of factory-of-the-future through leveraging of legacy test rack and stack setup
  - Allows transparent and non-intrusive test capacity performance monitoring

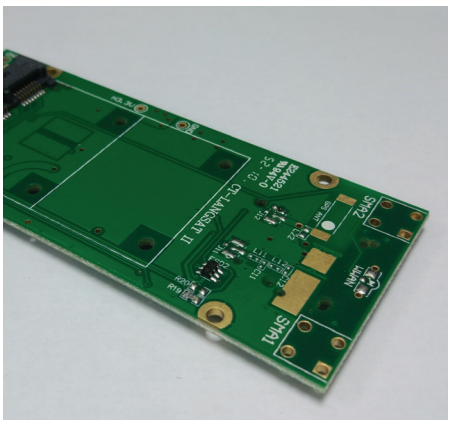


GPIB Sniffer Module (Industry 4.0 Application)

This module functions as the monitoring devicefor GPIB interface, a common T&M instrument remote control bus on test systems.

Benefits

- Monitor all commands and data on the GPIB interface by non-intrusively captured the communication bus
- Send captured information to your analytic servers for Industry 4.0 applications to enable factory of the future leveraging our legacy test rack and stack setup
- Allow transparent and non-intrusive test capacity performance monitoring



Mini-PCIe to USB Adapter Module

This module provides the connectivity for embedded platforms over a USB connection and is designed specifically for system integrators requiring multiple or different wireless connectivity for their embedded platforms.

Benefits

- Enables various connectivity technologies, such as HSxPA, WiMax, when fitted with industry standard mii-PCIe wireless modules
- Enables wireless connectivity

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