



The USB System module is installed in the test system chassis. A USB 2 cable is used to connect this module to the test system PC USB port. This module controls all the test system resources located in the system chassis. If more than one chassis is needed for the test system resources, the chassis system bus is extended to additional chassis as needed.

The USB System module is designed to store the entire test program, execute the test steps, and transfer test results to the test system PC.

Since the test system uses the same test program for each unit-under-test (UUT), reloading the test program over USB is not required until a different UUT needs to be tested. This allows the system to control the USB module with only limited instructions and transfer the test results at the end of each test. The overhead to transfer data is significantly reduced and the overall throughput is increased.

The USB2D USB System Module features:

- Internal memory size increased 8x over the USB2C module
- Processor speed increased 25x, from 24MHz to 600Mz
- Test time improvement typically 20% or more, up to 60%
- USB Type B connector

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