

terotest

GBATS

Preconfigured PXI Test Solution

GBATS (Basic Automated Test System) is a preconfigured, modular test platform that addresses a range of analogue, digital, mixed-signal, and avionics test needs. Based on Marvin Test's standard 'Smart Chassis' PXI platform, the GBATS TS-700 series of testers offers test engineers a preconfigured, compact, 3U / 6U ATE system which includes all of the required functionality needed to support the development of a functional test application including a system self-test and a high pin count tester interface.

GBATS Configurations:

Six different GBATS models are available with each model easily customised for a specific application by incorporating one or more of the standard analogue, digital, and communication instrument options, which are available as 3U or 6U PXI modules. The GBATS platform comes complete with Marvin Test's ATEasy software, which provides an integrated and comprehensive test executive and test development environment, allowing users to quickly develop and easily maintain test applications.



The GBATS Core System:

Includes the following test resources & capabilities:

- 14-slot, 'Smart' temperature sensing PXI chassis with (6) 6U, (7) 3U peripheral slots and a GX7920 Embedded controller with Windows XP
- A Virginia Panel 960 pin, high density, zero insertion force, iCON UUT interface providing access to all core and optional system resources
- Analogue / Digital PMC module which offers 8 general purpose differential analog inputs, 4 analogue outputs, and 8 general purpose digital I/O lines which can be used as adapter ID inputs or for other static digital applications

Key Features:

- Preconfigured, cost effective, functional test solutions for analogue, digital and mixed-signal applications
- Avionics protocols Mil-STD 1553 & ARINC 429
- Virginia Panel mass interconnect interface comes as standard
- Compact platform - ideal for bench top test configurations
- PXI architecture accommodates both 3U and 6U cards
- High speed Real Time (200MHz) digital functional cards with links to Lasar simulator
- Custom test solution without the custom price and delivery time

If you thought you couldn't test it.....
.....talk to us !

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