

Test system for mass production of Bluetooth products

■ Productronica 2001, Munich — Rohde & Schwarz presents its Production Test System TS7160 for the mass production of Bluetooth devices and components. An integrated open system platform provides 31 slots for CompactPCI and PXI test cards. Users can thus enhance the system according to their requirements and adapt it to the individual test environment. Ready-to-run test cases for Bluetooth facilitate production start and cut development costs by up to 80%. Thanks to its compact size, the TS7160 can easily be integrated into existing production lines.

The Bluetooth Production Test System TS7160 is based on the powerful CMU200 tester platform. The extremely short measurement times thus attained substantially boost production throughput. Use of advanced digital signal processors (DSP) and parallelization of processes minimizes time to test. The test platform meets the production demands of today and tomorrow in terms of accuracy, too. Absolute measuring accuracy is significantly increased by an error correction concept, making for fewer rejects combined with higher quality.

Application of signals to a device and the complete range of standard measurements in functional and final tests are performed — by the CompactPCI/PXI modules integrated in the test platform. The platform comprises an integrated controller PC, digital multimeters and other switching and measurement modules. The test fixtures play a central role especially in production test systems. Which is why the test system provides manual fixtures as well as a fully automatic test cell. A maintenance-friendly concept covers complex fixtures of several hundred pins as well as simpler interfaces for a typical final test.

A software library provides ready-to-run test cases for Bluetooth. The compact test system can be easily integrated into existing production lines.

The new Bluetooth Production Test System TS7160 is now available from Rohde & Schwarz.

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Rohde & Schwarz

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