

TC804 4200 Series Advanced Applications Programming Course



This 3 day advanced course covers many of the more advanced facilities that are included as standard in the 4200 test system. In addition, the course provides an opportunity to discuss topics in more detail than possible during the TC801 course.

Day 1

- Introduction
- CAPG Configuration Files
- CAPG Error Messages
- Debugging Allocation Failures
- Test Point Pre-Allocation
- Debugging Allocation Failures
- Creating Library Modules
- Advanced digital Network Processor "ADNP"
- Boundary Scan Program Generation

Day 2

- MTL Timing Sets
- Test Pin Formats
- Test Pin Terminators
- Pattern Generators
- Flags and Stop Vectors
- CALL and CALLX
- Digital Test Pin Learn RAM
- Test Macros
- Repeating a Digital Test

Day 3

- In-Situ Device Programming
 - Flash Memory
 - ISP CPLD (Xilinx, Lattice, Altera etc)
- Measuring High Frequency
- Measuring UUT Supply Current
- Modem Test
- Analogue and Mixed Signal Testing "ANBConfig"
- Executing External DLL files
- Open Discussion

Pre-requisites

Attendees **MUST** have previously attended the TC801 course and should have had at least 12 weeks practical experience of programming the 4200 test system.

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