

# SYSTEM CASCON Basic Training

- Three day course: one day theory, two days hands-on using a GOEPEL demo board
- Learn how to use SYSTEM CASCON to develop, execute, and debug JTAG/Boundary Scan applications
- Basic understanding of JTAG / Boundary Scan / IEEE 1149.1 is beneficial but not required
- For beginners and users of older CASCON versions or users who have not had much or any experience with SYSTEM CASCON
- Recommended for test and design engineers

## Outline

### Day 1:

- What is JTAG/Boundary Scan? (some history, technology background, current developments in the industry)
- Boundary Scan applications (types of tests, in-system programming, board level vs. system level)
- Design for Test for JTAG/Boundary Scan (device and board requirements)
- How to analyze a Unit Under Test to identify possible applications with Boundary Scan
- Overview of GOEPEL Boundary Scan product line (software and hardware, Scanflex vs. ScanBooster, ATE integrations, etc.)
- General overview of SYSTEM CASCON software environment (screenshots or live demo)
- General test development flow

### Day 2 (hands-on, up to 6 students):

- CAD Import, Netlist Merging
- Device Classification and Model assignment (Link to Library, Component Explorer)
- Analysis of Scan Path Configuration (CON) file and Boundary Scan Netlist (CNL) file
- Tester Channels
- UUT Variants
- Generating and executing Infrastructure Test
- Generating and executing Interconnect Test
- Generating and executing Memory Access Test
- CASCON Batch sequence
- Project archiving

### Day 3 (hands-on, up to 6 students):

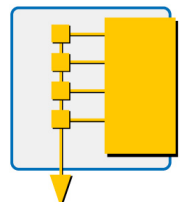
- Navigation between different tools in CASCON
- ScanAssist Debugger - overview
- Generating and executing Logic Cluster Test
- FLASH programming
- PLD Programming
- Test Coverage Analyzer
- Project transfer

at GOEPEL Training facility in Austin, TX,  
or on-site (customer), or another off-site location

**Product:** CASCON Course 1  
**Part Number:** TRB-111

Call for price

**888-4-GOEPEL OR 512-524-6063**  
or email us at [sales@goepelusa.com](mailto:sales@goepelusa.com)



# SYSTEM CASCON Advanced Training

- Three day course:  
3 days hands-on using customer projects or a GOEPEL demo board (third day is optional)
- Learn how to use SYSTEM CASCON efficiently to develop, execute, and debug JTAG/Boundary Scan applications
- Basic understanding of JTAG / Boundary Scan / IEEE 1149.1 and SYSTEM CASCON is required
- Recommended for test and design engineers

## Outline

### Day 1:

- Scan Vision III - overview
- Scan Vision III - Virtual Schematic
- Navigation between different tools in CASCON
- CASLAN Language - part 1
- Generating and executing Cluster Table Test
- ScanAssist Debugger
- ScanAssist Pin Toggler
- Workbench settings (rearranging of tools), color coding of pin, device, and net properties
- CASLAN Language - part 2

### Day 2:

- customer project development

### Day 3 (optional):

- customer project development

up to 6 students, at GOEPEL Training facility in Austin, TX, or on-site (customer), or another off-site location

**Product:** CASCON Course 2  
**Part Number:** TRB-112

Call for price

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