



# ATE System Integration

## SPEA Flying Prober with Boundary Scan from GÖPEL electronic



 **SCANFLEX II**

- official verified system integration of SPEA and GÖPEL electronic
- full automatic interaction of all probes with Boundary Scan
- increased test coverage and detailed failure diagnosis
- increased test access with combination of Boundary Scan and Flying Probes
- reducing entire test time with system integration

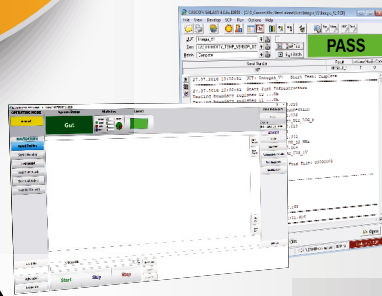


## Software integration

- SYSTEM CASCON™ function integration into Leonardo software
- optimized interface for data transmission of both SW suites
- automatic test generator for interactive tests
- PASS/FAIL flag setting and evaluation
- integrated error report of both systems
- usage of Flying Probes as support for other tests

## Application

- low to midrange production
- test and programming
- Mixed Signal Boards
- component test
- JTAG/Boundary Scan
- panel test



## Hardware integration

- fast and scalable Boundary Scan controller
- industrial transceiver for critical signal distances
- flexible adaption to special UUT interfaces
- stable tests with active delay compensation

## Key features

- control of save probe movements
- repeat function at bad contacts
- reduction of redundant test steps
- reference board with demo project
- system diagnosis with sw log function



## Attributes

- compact, flexible hardware fitting inside Flying Prober
- seamless teamwork of both software suites
- global system and application support

## Technical specifications

supported machine types	SPEA 4020/4040/4050/4060/4080
integrated hardware	SFX II CUBE, TIC022/SR
UUT interface (TAP, I/O, AUX etc.)	4 TAPs up to 80 Mhz; 64 MPP channels; 1.8 V to 3.6 V; signal adaption; JTAG, BDM, SBW, SWD, PIC1x
automatic generated tests	interconnection, RAM, cluster, Flying Probe Test, CPLD/FPGA/MCU/Flash programming
technologies	Embedded JTAG Solutions: Boundary Scan, ChipVORX, VarioTAP

🇩🇪 Made in Germany



ISO 9001 certified

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