



ATE System Integration

Takaya APT Flying Prober with Boundary Scan from GÖPEL electronic



- official verified system integration of Takaya 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



Technical specification

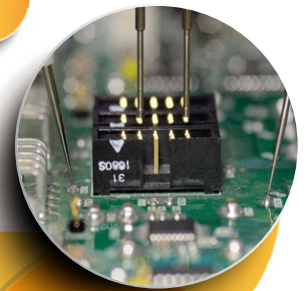
System Integration

Software Integration

- SYSTEM CASCON™ project call from APT software
- optimized interface for data transmission of both SW suites
- automatic test generator for interactive tests
- PASS/FAIL flag setting and evaluation
- Usage of Flying Probes as support for other tests

Application

- low to mid range production
- test and programming
- Mixed Signal Boards
- Embedded System Test
- Boundary Scan
- Component Test
- 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
- 4-channel mixed signal I/O module



SYSTECH EUROPE

Key Features

- control of save probe movements
- repeat function at bad contacts
- interactive D/A converter test
- reduction of redundant test steps
- sytem diagnosis with SW log function

SYSTEM CASCON™

Attributes

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



Technical specifications

supported machine types	Takaya APT 1400F/94xx/96xx
integrated Hardware	SFX/PCie 1149, SFX-TAP4/FXT, SFX5704, TIC022/SR
UUT-Interface (TAP,I/O,AUX etc.)	4 TAPs up to 80Mhz, 32 PIP-Channels, 1,8V to 4,5V, signal adaption; JTAG, BDM, SBW, SWD, PIC1x
automatic generated tests	Interconnection, RAM, Cluster, Interactive ATE, CPLD/FPGA/MCU/Flash-programming
technologies	Boundary Scan, ChipVORX, VarioTAP, Embedded System Test

Made in Germany



ISO 9001 certified

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