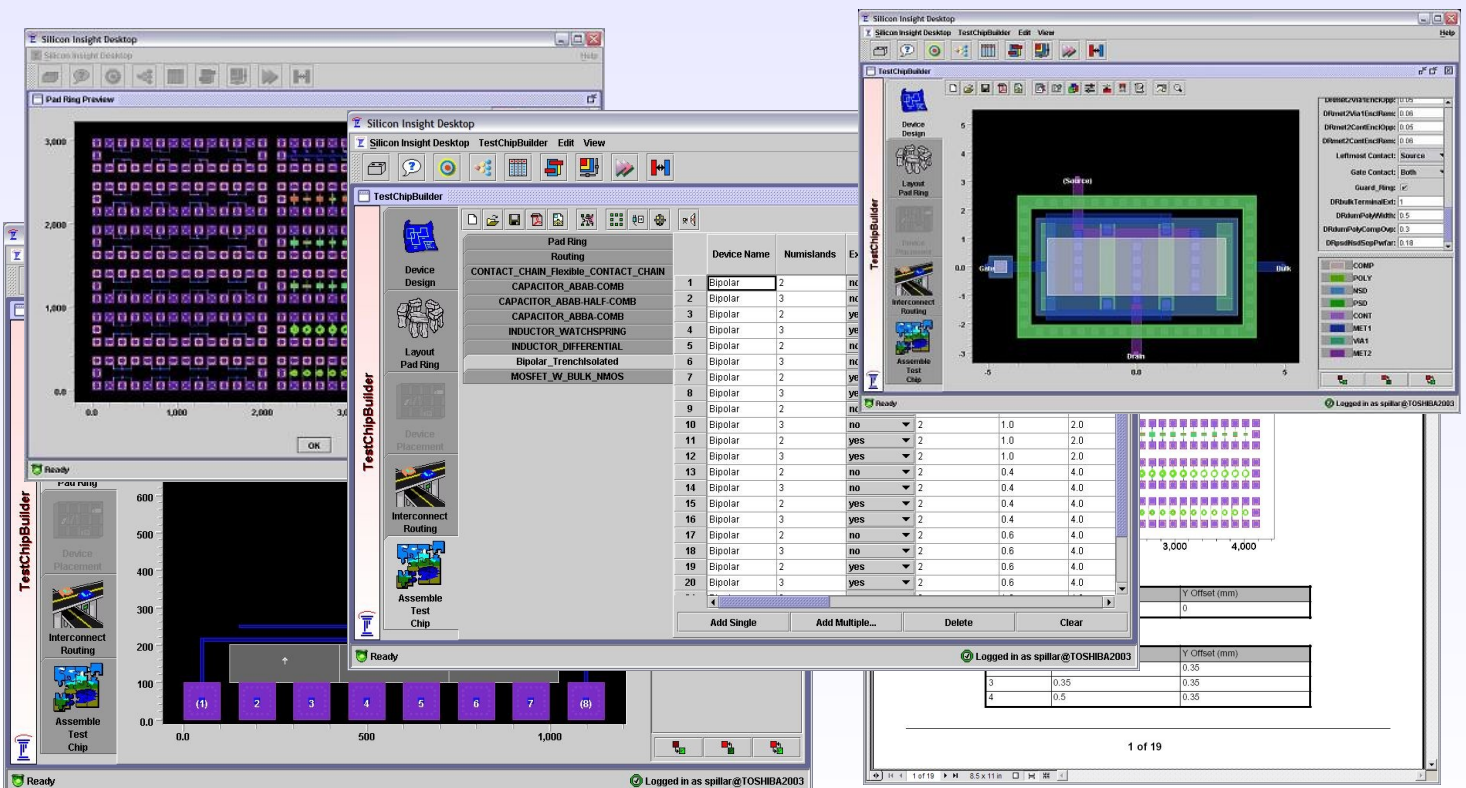
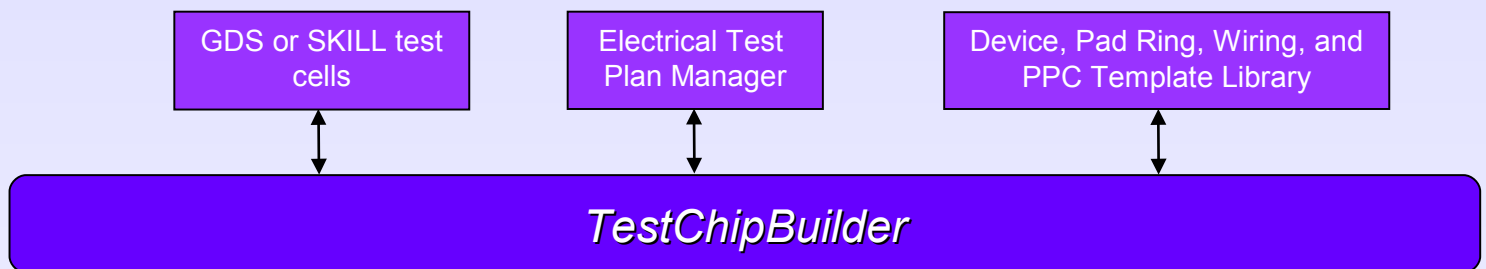


# Stone Pillar TestChipBuilder

## Complete Parametric Test Chip Layout System

**Stone Pillar TestChipBuilder** offers a complete, integrated, graphically driven system for parametric test structure generation. TestChipBuilder can automatically vary the geometries from a library of device types or from completely customizable structures defined using our unique graphical JavaScript-based template building capabilities. The devices can automatically be included within a user configurable pad ring. The resulting test chip can be automatically routed using controlled wiring attributes.

Test chips can automatically be updated to reflect changes to design rules. The generated structures can be stored as hierarchical GDS2 with synchronous documentation generation. Contact and pad routing details are retained to facilitate automated test plan development. Linking between test results and test structure layout is automatically created and maintained by the Stone Pillar Data Server. Selected devices can be output directly as parameterized cells for design support.

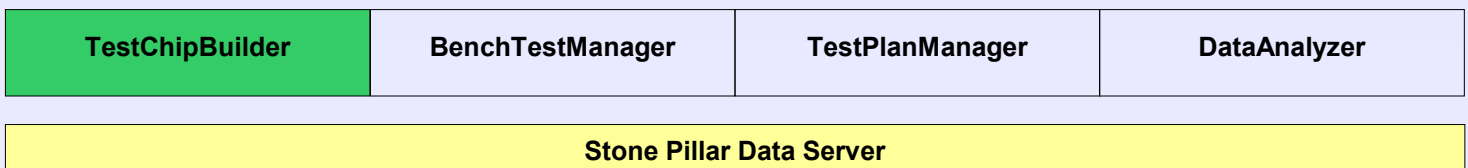


## Applications

- Automatically create variations on individual test device structures based on easily specified device templates
- Automatically create RF test structures like short, open, and through for each test device
- Automatically connect devices to flexible pad rings with user controlled interconnect attributes
- JavaScript based template definition provides flexible, efficient, open basis for device, pad ring, and interconnect templates
- Automatically generate complete, accurate, up-to-date documentation

## Features

- Create complete test chips with dozens of variations at the touch of a button
- Automatically feed terminal information into test plans
- Export GDS2 as complete test chip or individual device hierarchy
- Automatically revise structures in response to changes in design rules
- Easily create rounded features, annular or circular structures and variations
- Automatically create layout based computational experiments



## About Stone Pillar Technologies

Stone Pillar Technologies provides enterprise software solutions for Process & Device Technology Development and Characterization.

*Stone Pillar Suite* is a complete information management system focused on solving problems in semiconductor process & device development.

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