

Silicon Modification - FIB



Focused Ion Beam (FIB)

Get to market faster by reducing the number of design and test steps. When you need to get the job done reliably and quickly, SiVenture can provide the expertise to partner your team.

Whatever the reason, new designs don't always work first time. But you can save time and reduce the number of steps in turning a design into a working chip. All you need is the team from SiVenture.

When a fault is found in a design, a fix is needed and must be implemented quickly. We can help to identify the problem and put the solution in place. We test the idea by modifying the chip. This ensures that the next run is the final run and minimizes your time to market.

You know that expert FIB work can get you there faster and for less!

The fastest and most effective solution to these problems lies with FIB. The big manufacturers have these systems on line 24 hours per day, but your needs are smaller and don't justify a dedicated system. SiVenture's independent, well equipped and fully staffed lab and services can make the difference. With SiVenture, it's like having your own system on-line, as you need it.

Just tell us what needs doing, or ask us to help find the solution. We can then modify the first silicon to test those ideas and get your chips working. With SiVenture you get to see the chip work - enabling you to move confidently to the next step - production. You save time, hassle and enhance quality.

We can modify your first silicon samples to test design changes now so you get to production faster.

FIB can cut circuit tracks, join tracks and effectively rewire your IC. How else can you get working silicon to test your fix? Even before this step, FIB can put probe pads on any circuit line to test its function and operation.

- › We can help you diagnose problems and decide solutions
- › We can provide fixed cost (per circuit, or per operation) modifications
- › We can test or help to test those changes



About SiVenture

Call or email us at info@siventure.com to discuss our service and to find out in detail what we can do to get your production moving again.

For more details about SiVenture and our complete portfolio of smart card consulting and laboratory services, please contact us at: www.siventure.com

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