100% VLSI Fault Grading is no longer an imaginary goal. It’s a reality.

Now 100% fault grading of complex VLSI logic designs is possible in a cost-effective time frame. The Fault Evaluator® from Zycad is a concurrent fault simulation processor that helps design engineers develop chips that are fully tested, and helps test engineers design more effective test operands.

Is fault grading of VLSI logic designs realistic?
Not until now. But the Fault Evaluator offers fault simulation capabilities that have not previously been available. Not only is it possible to devise test operands for high fault grading percentages, but complete fault simulation can be accomplished in a realistic time frame. The result is increased reliability in production chips.

A must for the military.
Defense contractors must meet tough fault grading specifications. In the past this has been time consuming, cost prohibitive and sometimes impossible. The Fault Evaluator provides military suppliers with an efficient means of meeting stringent fault simulation specifications.

Design and Test.
The Fault Evaluator’s speed and capacity lets design engineers create circuits that are fully tested.
Using the Fault Evaluator to develop tests makes the manufacturing process more efficient and more reliable, increasing yields and reducing returns and service calls.

The logical extension of the Logic Evaluator.
The Fault Evaluator is a feature enhancement, field upgrade of Zycad’s Logic Evaluator, the fastest, highest capacity logic simulation engine commercially available.

Combining the Logic Evaluator with the Fault Evaluator feature provides state-of-the-art logic design and test development capability.

It’s not pie-in-the-sky anymore.
The Fault Evaluator lets you process VLSI fault grading runs never before possible. And develop production chip tests efficiently and cost-effectively.
To benchmark the Fault Evaluator against the fault simulation system you’re using now, call us today at 800-631-5040, ext. 100.
(In Minnesota, call collect — (612) 631-3175, ext. 100.) Or write Zycad Corporation, P.O. Box 12828, St. Paul, MN 55112.