s38584-T100

Trojan description

The Trojan trigger is a comparator whose inputs are supplied by nets from unused QN pins of scan flip-flops. The Trojan is only active in the functional mode by observing test enable signal. The Trojan payload propagates erroneous values over an internal signal.

Trojan taxonomy

Insertion phase: Design

Abstraction level: gate level

Activation mechanism: Internally conditionally triggered

Effects: Change Functionality, Denial of Service

Location: Processor

Physical characteristics: Functional



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Please send your concerns/questions to

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