

# s38584-T200

## 🔑 Trojan description

- 🔑 The Trojan trigger is a counter of a rear vector. When the counter value is between 100 and 110, the Trojan payload leaks the value of one internal signal through a primary output.

## 🔑 Trojan taxonomy

- 🔑 Insertion phase: Design
- 🔑 Abstraction level: gate level
- 🔑 Activation mechanism: Internally conditionally triggered
- 🔑 Effects: Change Functionality, Leak Information
- 🔑 Location: Processor
- 🔑 Physical characteristics: Functional

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// Trigger

RareVectorTrigger TrojanTrigger ( n3279, n2461, n2396, n3121, n1422, n5111, n3180, n2601, Trigger\_out);

// Payload

MUX21X1 Trojan\_Payload ( .IN1(g10122\_Tj), .IN2(g25715), .S(Trojan\_out), .Q(g10122) );

**Please send your concerns/questions to**

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