

RS232-T100

🔑 Trojan Description

- 🔑 Trojan trigger is comparator over 19 signals inserted in the receiver part of micro-UART core. When Trojan is triggered, rec_readyH output signal is stuck at '0'.

🔑 Trojan Taxonomy

- 🔑 Insertion phase: Design
- 🔑 Abstraction level: Register-transfer level (RTL)
- 🔑 Activation mechanism: Internally conditionally triggered
- 🔑 Effects: Denial of service
- 🔑 Physical characteristics: Functional

Functional

The number of Received	Trojan activation	Payload Change	Simulation Length (No. Clock)	Length of each Receive
33	1	1	5 000	150