

DS1160A Smartcard Voltage and Clock Glitcher

Generate accurate and repeatable two nanosecond voltage or clock glitches with fully programmable pattern and control logic

Introduction

The Keysight DS1160A Smartcard Voltage and Clock Glitcher forms the heart of Inspector's fault injection architecture. Using ultra-fast FPGA technology, this device can generate faults that are two nanoseconds short while its hardware can still be programmed by the user in an easy manner. The DS1160A Smartcard Voltage and Clock Glitcher has integrated circuitry for performing voltage and clock glitching and it has an output channel for controlling optical pulses on the Keysight Fault Injection Laser.

