Product Flyer

PROTEGO●ST
A division of Sigillium Corp.

SG100 Serial
True Random Number Generator

The SG100 True Random Number Generator TRNG platform, introduced in 1996, have for many years been used in a number of demanding applications. The SG100 has classical serial interface and is powered over the same interface, this makes connection easy both to legacy systems and embedded systems where a serial port is present.

The SG100 contains no digital processing in the signal path, it´s a pure 100% analog device. This means that there is not even a theoretical chance for an adversary to hack the SG100. When combined with the PSDK software running on your own system, you have total control over the signal conditioning.

TECHNICAL SPECS

Interface electrical: RS232 - serial interface

Physical: DB9 nine pin connector

Bitrate: 115.200 bit/s

Random number sec: 3.600 32bit integers

Power: Over the serial interface

Operating Systems and Platforms supported:
All versions of Linux including Linux x86_64
and Windows 10, Windows 7, Windows Vista,
Windows XP.

Weight:20g

Dimension mm: HxWxL 17x36x72

Product number (SKU): 230

Use the
Softare Development Kit
PSDK
For Easy Development

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