

Overview true random generator

Typ	Noise source	Postprocess	Fulfills standard tests according to	Speed	Interface	Design Size in mm	Power
PRG210/ PRG220	Thermal noise, two Z-diodes	XOR3	AIS31 NIST Diehard	45 Kbit/s	synchron, logic level	OEM-modul 25x19x3,5 13x19x5,5	3,3V or 5,0V
PRG215/ PRG225	Thermal noise, two Z-diodes	none, XOR3	AIS31 NIST Diehard	Up to 350 Kbit/s	synchron, logic level	OEM-modul 25x19x3,5 13x19x5,5	3,3V or 5,0V
PRG300	Thermal noise, two Z-diodes	none, XOR2, XOR3, XOR4, von Neumann	AIS31 NIST Diehard	Up to 115 Kbit/s	RS-232	Alu-case 60x55x15	In-plug power supply 9V
PRG310	Thermal noise two Z-diodes	none, XOR2, XOR3, XOR4, von Neumann	AIS31 NIST Diehard	Up to 300 Kbit/s	USB1.1	plastic 75x25x5	5,0V of the USB
PRG400	Thermal noise, two Z-diodes	none, XOR2, XOR3, XOR4, von Neumann	AIS31 NIST Diehard	Up to 800 Kbit/s	USB1.1	Alu-case 115x80x35	5,0V of the USB
WPRG320	Thermal noise, two Z-diodes	none, XOR2, XOR3, XOR4, von Neumann	AIS31 NIST Diehard	Up to 230 Kbit/s	Bluetooth 2.0	plastic 95x62x28	2x 1,5V Mignon or in-plug power supply 6V