

QRNG Evaluation Kits

The Quantis QRNG chip evaluation kits are available in three different versions: one for the IDQ6MC1, another for the IDQ20MC1, as well as an evaluation board to test both IDQ250C2 and IDQ6MC1 models.

The QRNG evaluation kits (EVK) allow engineers to explore settings and functions of a Quantum Random Number Generator. The EVK generate random number outputs in various formats and files for analysis and used to perform randomness testing. The EVK also serve as a demonstration platform to visually show the creation of random number outputs.

Based on an easy to use Raspberry Pi single board computer platform, ID Quantique's QRNG evaluation kits integrate one or several Quantis QRNG chips on a daughter board into the RPi. They offer three typical RPi access modes: local terminal, WiFi or Ethernet. An additional dual chip evaluation board is also available, based on the ODROID single board computer platform, to test both IDQ250C2 and IDQ6MC1 chips. By simply moving the switches; you can choose which chip you test, and which interface protocol you use.

Evaluation kits come with an easy to understand user guide.

Request your evaluation kit today!

Contact:
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EVK part numbers:

- ▶ IDQ6MC1-EVK
- ▶ IDQ20MC1-EVK
- ▶ IDQ250-6M-EVK



QRNG EVK based on Raspberry Pi platform



Evaluation board for IDQ250C2/IDQ6MC1