AQ1 Quantum Random Number Generator (FMC)

Seamless integration of high-end quantum entropy

Gain direct access to high quality entropy representing the latest breakthroughs in quantum technology.

The device provides true random numbers based on the principles of quantum physics for unmatched data encryption and secure communication networks.

- Outputs truly unique uniform random numbers at ***2.9 Gbps*** over single lane.
- Compliant to ***ANSI/VITA 57.1 2019*** FMC standard for seamless integration to external FPGAs.
- Compliant with ***NIST SP 800-90B*** entropy source recommendations.
- Proven cybersecurity solution for QKD manufacturers and telcos for defence, finance and government applications.
- Cost-effective solution offering competitive pricing pr. Gbps.
- W: 84 mm, H: 69 mm, D: 20.5 mm.
- Weight: 171 g.

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