



Building the strongest randomness foundation for security, efficiency and trust.

EPIC Online Technology Meeting on Quantum Communication

Carlos Abellan, CEO

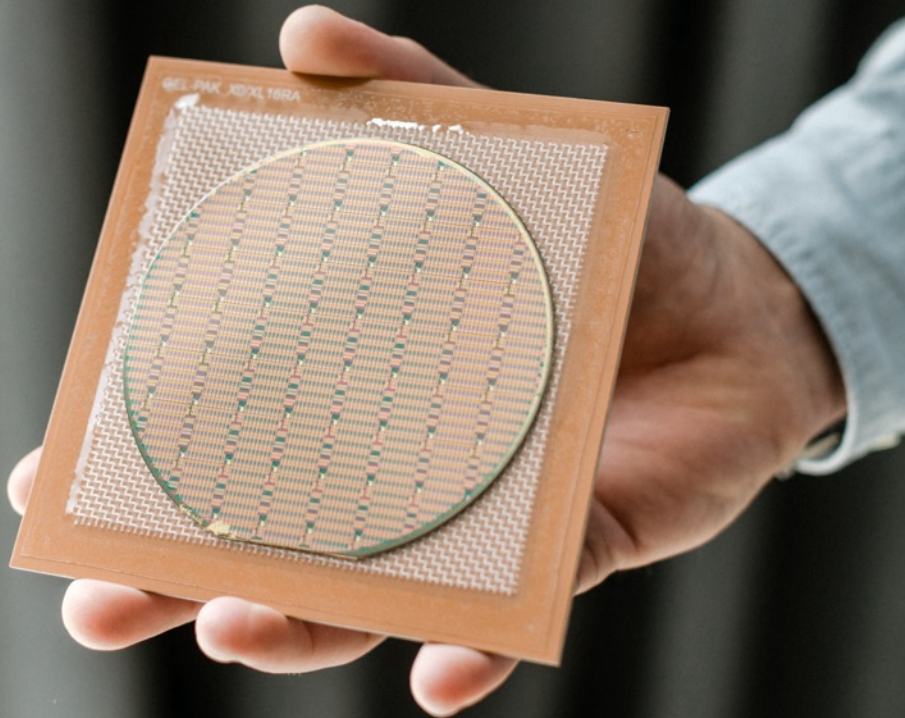
Random numbers enable most of the software we use every day

Are they good enough?



About Quside

An ICFO spin-off

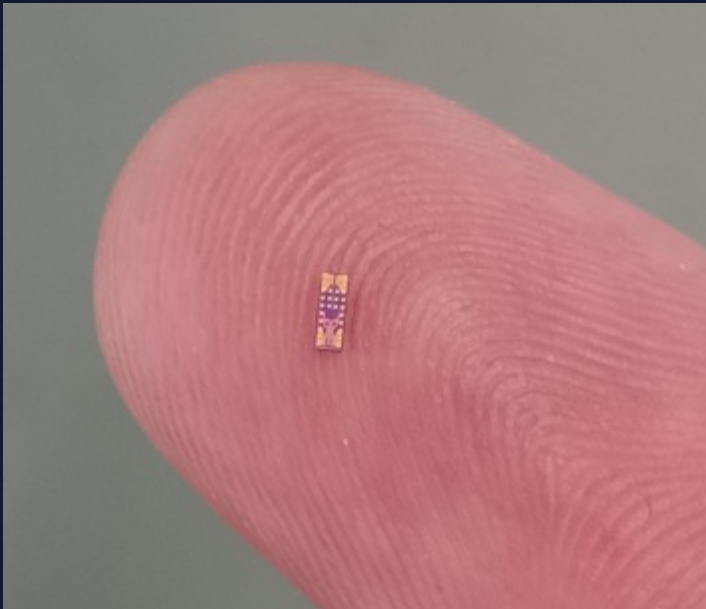


10+ years focused on delivering the most advanced randomness solutions.

- ✓ High-volume, **wafer-scale** production
- ✓ Two QRNG photonic cores (**III-V / GaAs**)
- ✓ **Global** customers & channel partners
- ✓ **45+** team & **50+** patents*
- ✓ **Series A** closed in 2022
- ✓ **Commercially available** QRNG & RPU products

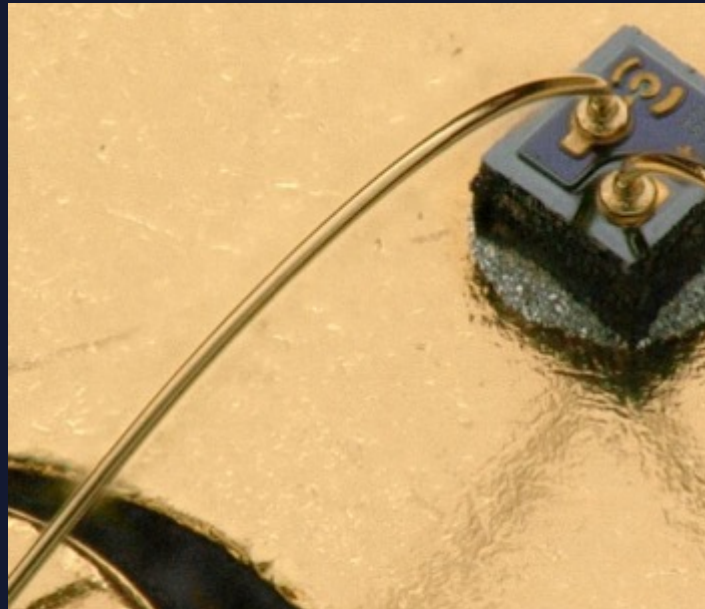
What do we do? Our core technology

Quside fast & measurable entropy source technology



QN 100

Above 1 Gb/s capacity
Wafer-scale manufacturing



QV 100

~50 Mb/s capacity
Volume manufacturing partners

Unique features

- ✓ Full **transparency** wrt entropy
- ✓ **Performance**: from Mb/s to Gb/s
- ✓ **Scale**: volume manufacturing

Other features & benefits

- ✓ Quantum modeling of entropy source
- ✓ Randomness metrology embedded
- ✓ Runtime entropy checks
- ✓ "Hardware verifiability" functions

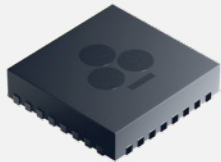
What do we offer? Our products

Security. Performance. Efficiency. Trust

Entropy chips / Quantum photonic entropy generation sources.

Photonic inside; electronic outside.
The fastest quantum entropy chips in the market with patented tech.

The strongest level of trust.



QRNG / Quantum random number generation modules & systems

High-quality, fast randomness sources that can be **checked**; from embedded modules to racks.

Enjoy a lifetime of security.



RPU / Randomness Processing Units

Quantum randomness, hardware-level stochastic acceleration & reprogrammability.

Better decisions, made faster.



 aws marketplace

What do we look for?

Support your randomness needs, R&D collaborations & ecosystem

1/ We want to support your randomness needs

- ✓ From Mb/s to Gb/s
- ✓ From space to ground
- ✓ From chips to appliances
- ✓ Cryptography & compute

2/ R&D collaborations to scale & innovate

- ✓ Scale photonic chips & developing EU supply chain.
- ✓ Building quantum-safe security systems for space & ground.
- ✓ Open as partner or end user in public funding calls or joint customer projects

About us

We help you get further, faster

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