

Quantum randomness

Our QRNG generates truly random numbers using the natural quantum noise in silicon circuit. This ensures an unpredictable and high-entropy output, crucial for security applications. Its compact and efficient design allows easy integration into various systems. Unlike other methods, it does not need a light source to function.

QRNG Chip Technical Specifications

| Hardware | |
|-------------------|-----------------------------|
| Die Size | 1.5*1.5*0.5 mm |
| Speed | 1 MRTN/s |
| Power | 15 mW |
| Security Standart | NIST 800-90 a/b/c compliant |

Use Cases

- IoT & Embedded systems
- Financial services
- Scientific research
- Simulations
- Gaming & Lotteries

Seamless Integration

Our QRNG can be easily integrated into various systems. Its compact form factor and efficient power consumption make it ideal for embedding directly into CPUs, microcontrollers, and security chips. The device interfaces seamlessly via USB, Ethernet, or other standard communication protocols, ensuring compatibility with a wide range of platforms.