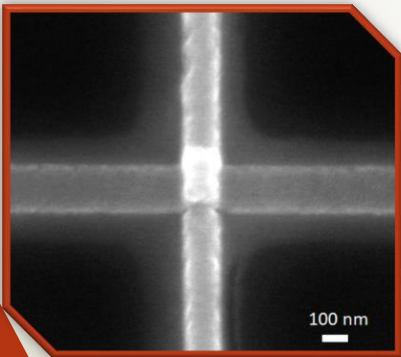
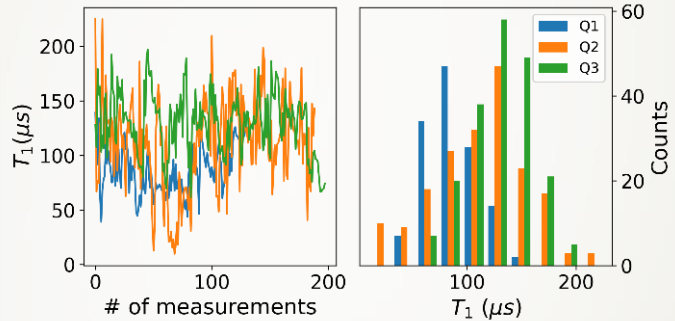
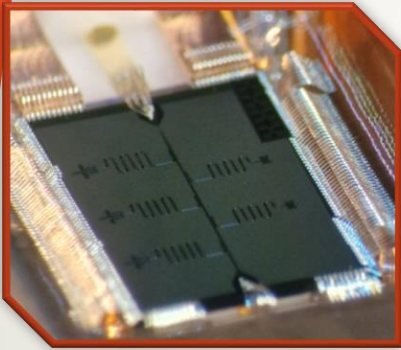


Custom Designed, High-Performance Qubits

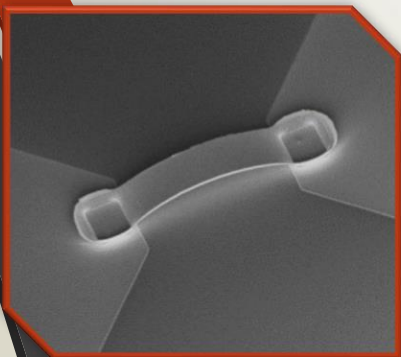
We offer custom-designed aluminum superconducting circuit for quantum computer with world class Qubit performance. These devices can be fabricated at client specified designs at high precision and low variability. Additionally, we offer single qubits device for equipment and cryostat testing.



	Q1	Q2	Q3
f_{01} (GHz)	4.11	3.62	3.31
T_1 (μs)	87.29	111.49	129.11
$Q = 2\pi f_{01} T_1$ (10^6)	2.25	2.54	2.70

Highlights

- ❖ High-performance Qubit ($T_1 > 100\mu\text{s}$, and $Q > 2M$)
- ❖ $\pm 10\%$ junction size precision with $> 80\%$ yield
- ❖ 4-in wafer throughput
- ❖ Qubit-in-a-box (QiB): Off-the-shelf quantum device
- ❖ Complex structures, such as air-bridges, under bump metallization (UBM), through silicon via (TSV), etc., for planar and 3D integrated quantum chips.



Contact Information:
con-science.se
+46 (0)738 92 08 67
info@con-science.se

