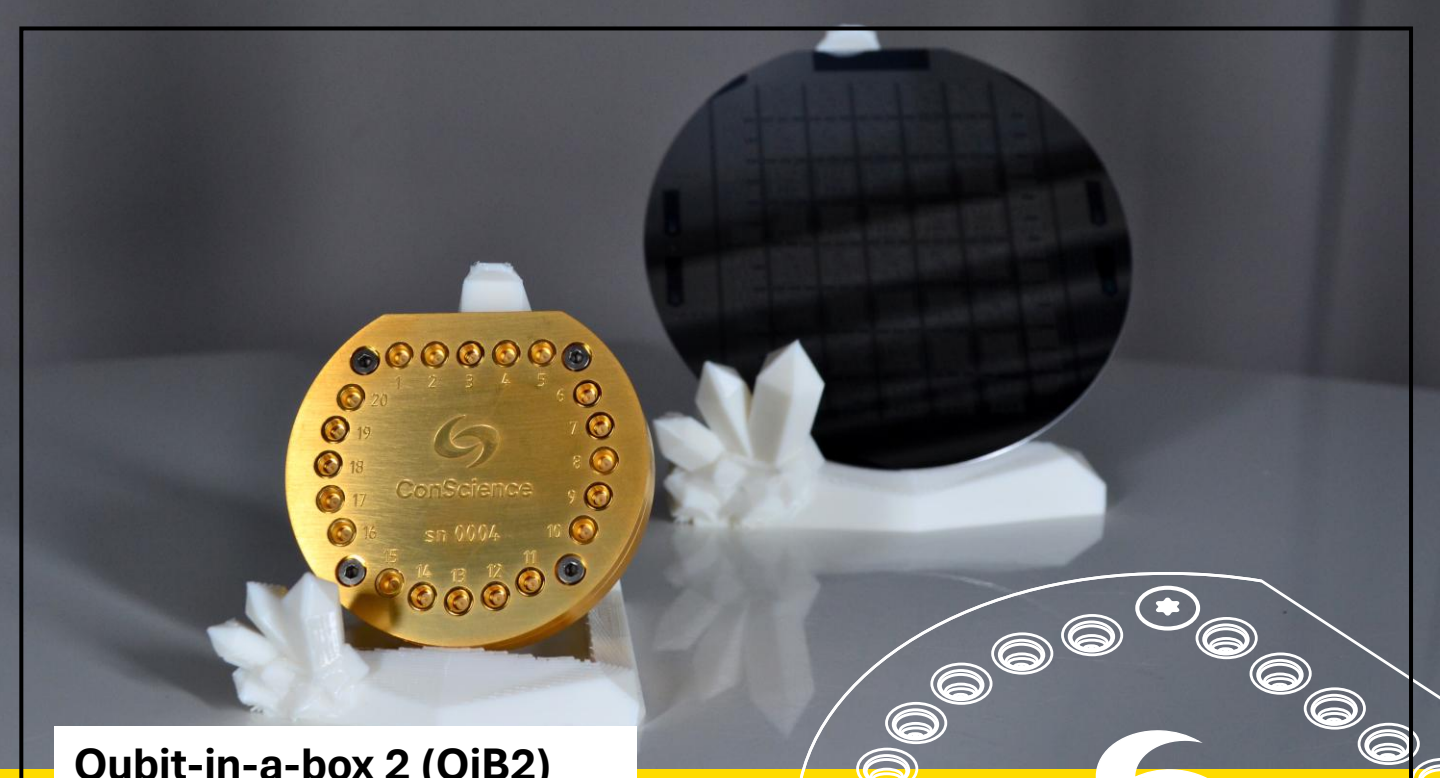
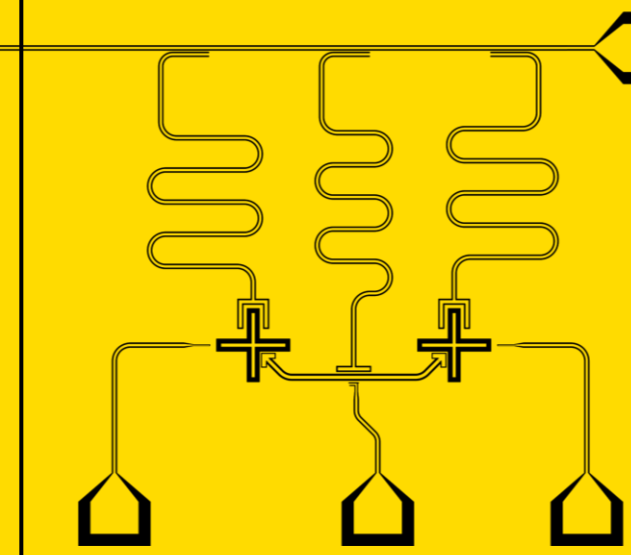


Qubit-in-a-box 2 (QiB2)

Quantum device for studying qubit coupling



Highlights

- **Coupling Type I:**
  - 2× Fixed-frequency qubits
  - 1× Tunable coupler
- **Coupling Type II:**
  - 2× Tunable qubits
  - 1× Fixed resonator bus
- **Standard Calibration Points:**
  - 2× Bare CPW resonators
  - 1× Single fixed-frequency qubit
  - 1× Single fixed-frequency qubit with XY line
  - 1× Tunable qubit with XY and flux lines

Package: Box20

- Gold-plated copper package with a compact design
- Featuring 20 SMPM ports for reducing cross-talk
- Offering user-friendly integration

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