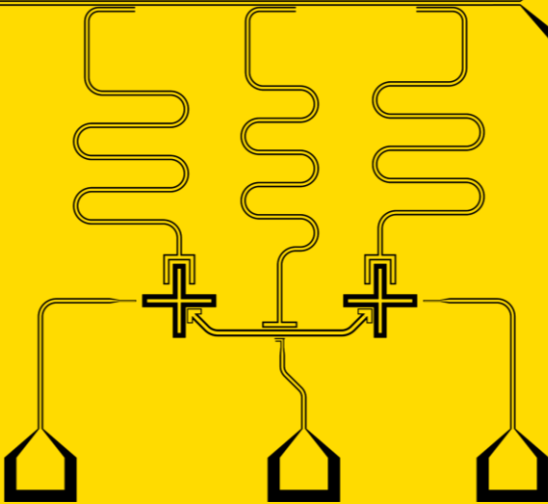




## Qubit-in-a-box 2 (QiB2)

# Quantum device for studying qubit coupling

### Highlights



- Coupling Type I:
  - 2× Fixed-frequency qubits with XY control
  - 1× Tunable coupler
- Coupling Type II:
  - 2× Tunable qubits with XY control
  - 1× Fixed-frequency resonator bus
- Standard Calibration Points:
  - 2× Hanging resonator
  - 1× Single fixed-frequency qubit
  - 1× Single Qubit with XY,
  - 1× Single tunable qubit with XY control

### Package: Box16

- Gold-plated copper package with a compact design (4cm × 4cm × 1cm)
- Featuring 16 output SMPM ports, reducing cross talk
- Offering user-friendly integration

