

Development of a Custom Superconducting Qubit Control and Readout System

Thursday, 6 February 2025 12:30 (15 minutes)

We investigate the use of Radio-Frequency System on Chip (RFSoc) FPGA boards to build a custom control system for superconducting qubits control. RFSoc boards offer the benefits of being cost-efficient, compact, and fully configurable.

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