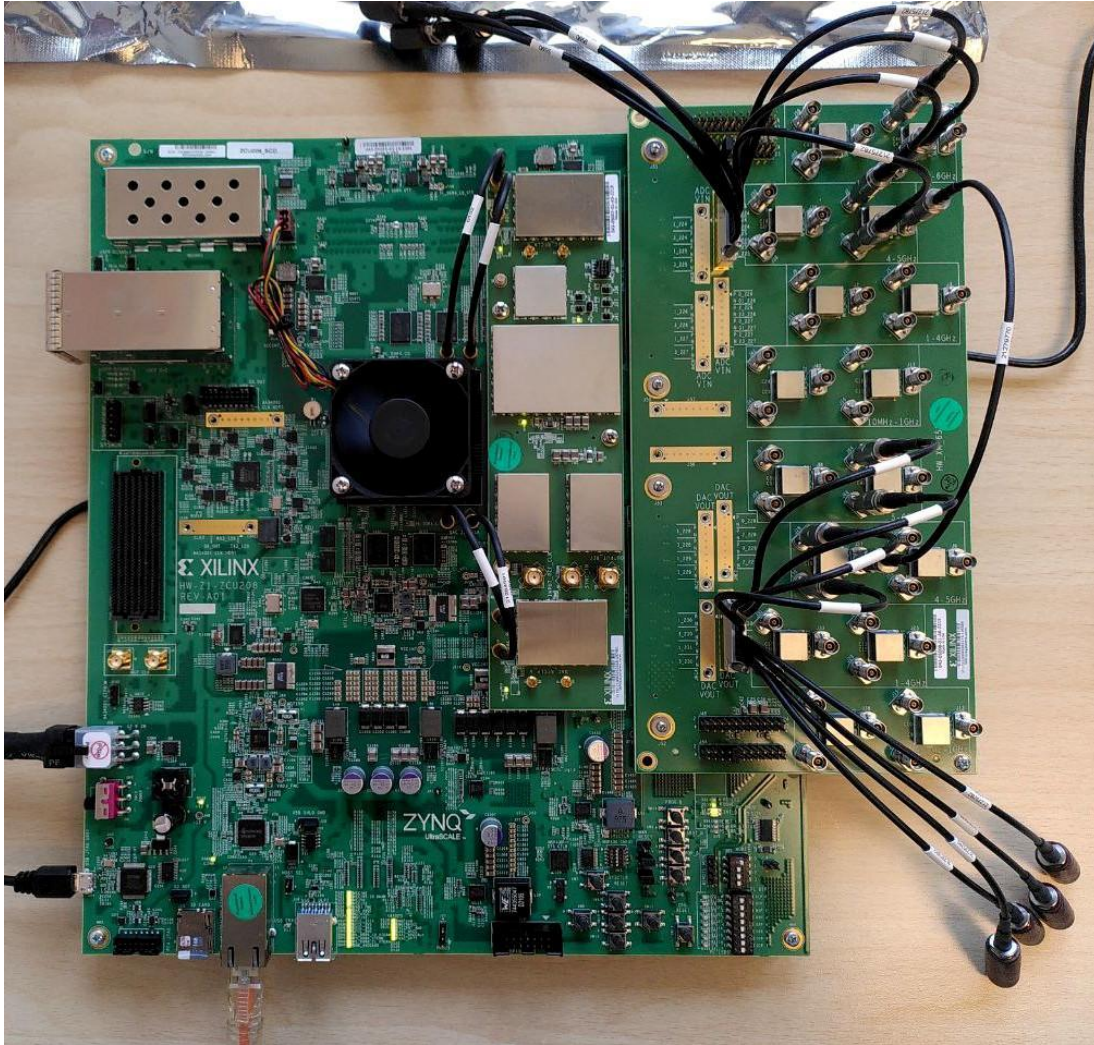


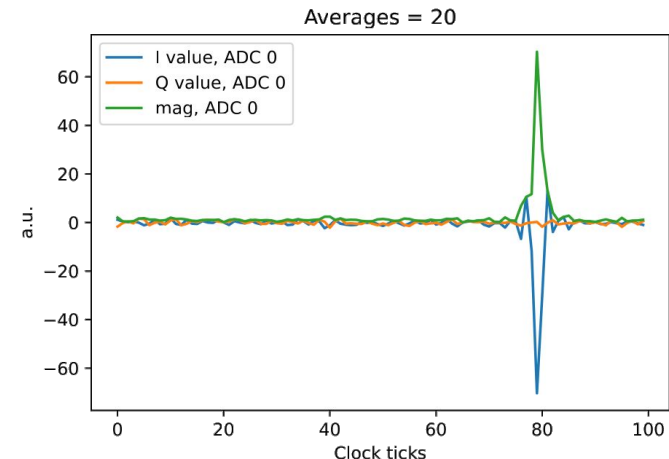
Qubit control using QICK on ZCU208 RFSoc



Xilinx ZCU208 RFSoc Installed at Ferrara

Done:

- Procurement of the ZCU208 board
- Installation of PYNQ 3.0.1
- Signals generation and reading tests with PYNQ
- **QICK (0.2.165) firmware and code porting to ZCU208**
 - Essential interaction with QICK developers
 - Most modifications required on the firmware side
- Simple signals generation and reading tests with QICK:



To do:

- Validation of the QICK installation and code cleanup
- Integration of QiboSoq + QICK
(Support for QICK 0.2.135, but 0.2.165 installed)