# Hardware NTT Acceleration for CRYSTALS-Dlithium

## CRYSTALS-Dlithium NTTxINTT Accelerator base on software, supposedly work with AXI and External memory (to share with RISC-V cache)

* Status:
  + Only done the butterfly unit (pipelined 5 clock)

A black and white diagram

Description automatically generated

Figure 1 Current BU

* What’s left:
  + Scheduler
  + Way to fetch NTT data from external memory