TFIFO

RFIFO

Pull Engine

Push Engine

CSR

Scratch

Hash

TFIFO

command from
microengine
command bus

8-entry
(pull)

8-entry
(hash)

8-entry
(push)

data from
SRAM transfer
registers

commands from
microengine
command bus

data to
SRAM transfer
registers

data enters

commands arrive

commands arrive

data leaves

command queues