

StreamingOp datapath

Control
from PE Cntl

Control/Status

Status
to PE Cntl

Local DMA

Downstream Street

Downstream Strm1

Streaming Op

Input Mux and FIF

FP

to SIMD

to DNA

32

Streaming Op

Input Mux and FIFO

CD

MAL

to SIMD

to DNA

Local DMA

Downstream Stream

Downstream Strm1

Lane 0

Lane 31: