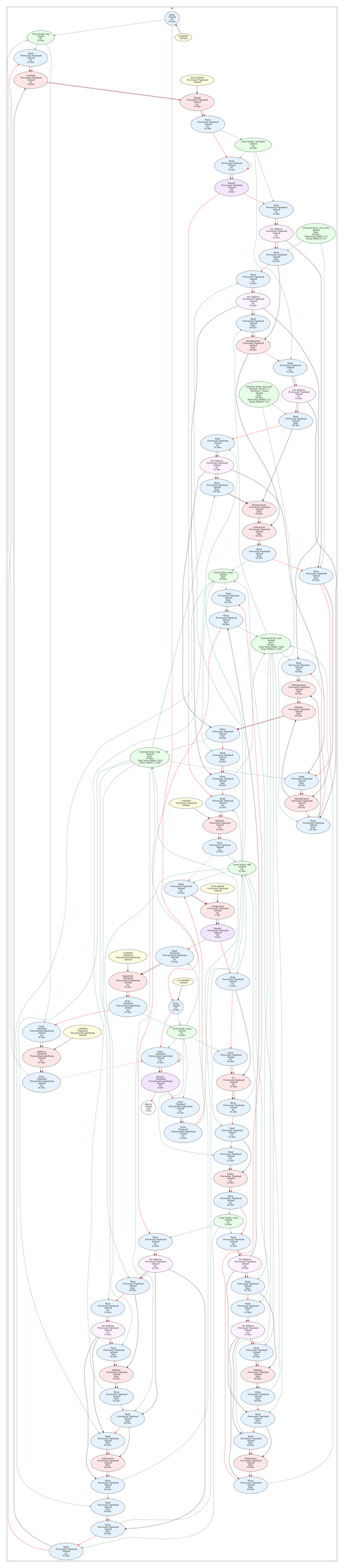
AI
Write
Pinned
32 bits
0.000000
Inlined
Load Scalar (w)
Inlined
32 bits
Read
Previously Pipelined
Inlined
32 bits
LutStub
Previously Pipelined
Inlined
32 bits
1023.000000
Previously Pipelined
Inlined
Write
Previously Pipelined
Inlined
32 bits
Load Scalar (grayscale)
Inlined
32 bits
Branch
Previously Pipelined
N/A
0 bits
Get Address
Previously Pipelined
Inlined
32 bits
External Array: rmd (red
channel)
Type:
Total Array Width: 512
Array Width 0: 512
Multiplication
Previously Pipelined
Inlined
64 bits
Addition
Previously Pipelined
Inlined
64 bits
Subtraction
Previously Pipelined
Inlined
64 bits
External Array: img (red
channel)
Type:
Total Array Width: 1024
Array Width 0: 1024
1.000000
Previously Pipelined
Inlined
Load Scalar (x)
Inlined
32 bits
1024.000000
Previously Pipelined
Inlined
Comparison
Previously Pipelined
Inlined
1 bits
Branch
Previously Pipelined
Inlined
0 bits
1.000000
Pipelined
Fine-grained pipelining
Inlined
RightShift
Pipelined
Fine-grained pipelining
Inlined
32 bits
511.000000
Inlined
Write
Pipelined
Inlined
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
32 bits
Read
Pipelined
Fine-grained pipelining
Inlined
32 bits
1.000000
Pipelined
Fine-grained pipelining
Inlined
Addition
Pipelined
Fine-grained pipelining
Inlined
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
32 bits
Load Scalar (bias)
Inlined
32 bits
Read
Pipelined
Fine-grained pipelining
Inlined
32 bits
Or
Previously Pipelined
Inlined
32 bits
Branch
Pipelined
Fine-grained pipelining
Inlined
0 bits
Select
Inlined
Read
Pipelined
Fine-grained pipelining
Inlined
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
32 bits
Write
Previously Pipelined
Inlined
32 bits
Load Scalar (min
value)
Inlined
32 bits
Read
Previously Pipelined
Inlined
32 bits
Get Address
Previously Pipelined
Inlined
32 bits
Read
Previously Pipelined
Inlined
64 bits
Write
Previously Pipelined
Inlined
64 bits