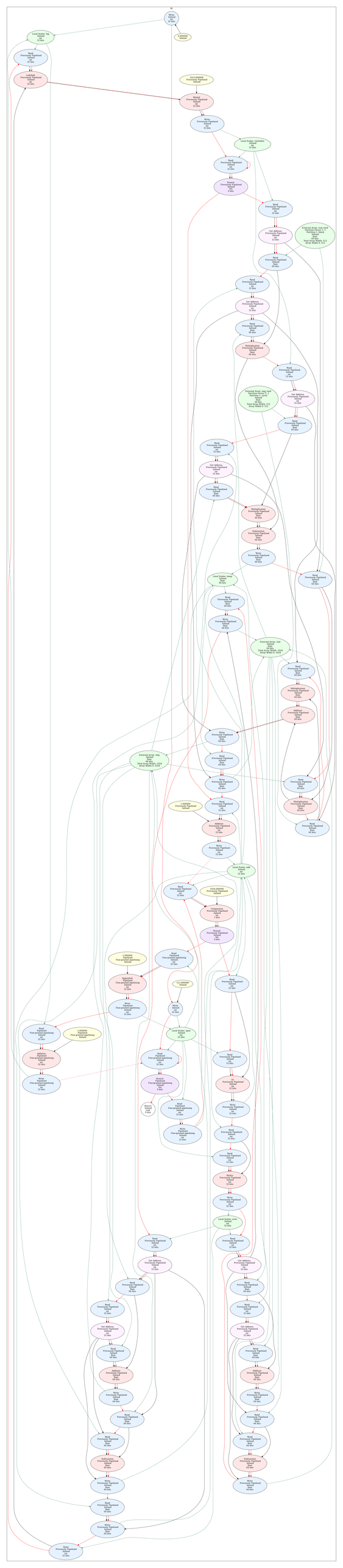
Write
Vectorized
Int
32 bits
0.000000
Scalar
Load Scalar int
Scalar
Int
32 bits
Read
Previously Pipelined
Scalar
Int
32 bits
Lshift32
Previously Pipelined
Scalar
Int
32 bits
1023.000000
Previously Pipelined
Scalar
Float
32 bits
Bcast
Previously Pipelined
Vectorized
Float
32 bits
Write
Previously Pipelined
Vectorized
Float
32 bits
Load Scalar rsqrtstate
Scalar
Int
32 bits
Read
Previously Pipelined
Vectorized
Int
32 bits
Branch
Previously Pipelined
Scalar
NA
4 bits
Read
Previously Pipelined
Vectorized
Int
32 bits
Get Address
Previously Pipelined
Vectorized
Int
32 bits
External Array::rsq_tmp
Partition 0: 1 x 1
Partition 1: block
Float
Total Array Width: 512
Array Width 0: 512
Read
Previously Pipelined
Vectorized
Int
64 bits
Read
Previously Pipelined
Vectorized
Int
32 bits
Get Address
Previously Pipelined
Vectorized
Int
32 bits
Read
Previously Pipelined
Vectorized
Float
64 bits
Multiplication
Previously Pipelined
Vectorized
Float
64 bits
Read
Previously Pipelined
Vectorized
Int
32 bits
External Array::neg_rsqrt
Partition 0: 1 x 1
Partition 1: block
Float
Total Array Width: 512
Array Width 0: 512
Get Address
Previously Pipelined
Vectorized
Int
32 bits
Read
Previously Pipelined
Vectorized
Float
64 bits
Read
Previously Pipelined
Vectorized
Int
32 bits
Get Address
Previously Pipelined
Vectorized
Int
32 bits
Read
Previously Pipelined
Vectorized
Int
64 bits
Multiplication
Previously Pipelined
Vectorized
Float
64 bits
Subtraction
Previously Pipelined
Vectorized
Float
64 bits
Write
Previously Pipelined
Vectorized
Float
64 bits
Load Scalar temp
Scalar
Int
64 bits
Read
Previously Pipelined
Vectorized
Int
64 bits
Write
Previously Pipelined
Vectorized
Int
64 bits
External Array::out
Float
64 bits
Total Array Width: 1024
Array Width 0: 1024
Read
Previously Pipelined
Vectorized
Int
64 bits
Multiplication
Previously Pipelined
Vectorized
Int
64 bits
Address
Previously Pipelined
Vectorized
Int
64 bits
Write
Previously Pipelined
Vectorized
Float
64 bits
External Array::inp
Vectorized
64 bits
Total Array Width: 1024
Array Width 0: 1024
64
Read
Previously Pipelined
Vectorized
Int
64 bits
Write
Previously Pipelined
Vectorized
Int
64 bits
Read
Previously Pipelined
Vectorized
Float
64 bits
1.000000
Previously Pipelined
Vectorized
Int
32 bits
Address
Previously Pipelined
Vectorized
Int
32 bits
Write
Previously Pipelined
Vectorized
Int
32 bits
Load Scalar add
Scalar
Int
32 bits
Read
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Vectorized
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32 bits
1024.000000
Previously Pipelined
Vectorized
Int
Comparison
Previously Pipelined
Scalar
Int
1 bits
Branch
Previously Pipelined
Scalar
NA
0 bits
1.000000
Pipelined
Fine-grained pipelining
Scalar
Int
Read
Pipelined
Fine-grained pipelining
Vectorized
Int
32 bits
Read
Previously Pipelined
Vectorized
Int
32 bits
Rightshift
Pipelined
Fine-grained pipelining
Vectorized
Int
31 bits
512.000000
Pipelined
Fine-grained pipelining
Scalar
Int
Write
Pipelined
Fine-grained pipelining
Vectorized
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32 bits
Write
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Fine-grained pipelining
Vectorized
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32 bits
1.000000
Pipelined
Fine-grained pipelining
Scalar
Int
Load Scalar state
Scalar
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32 bits
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Pipelined
Fine-grained pipelining
Vectorized
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32 bits
Read
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32 bits
Branch
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Get Address
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Get Address
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Vectorized
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Get Address
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Get Address
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