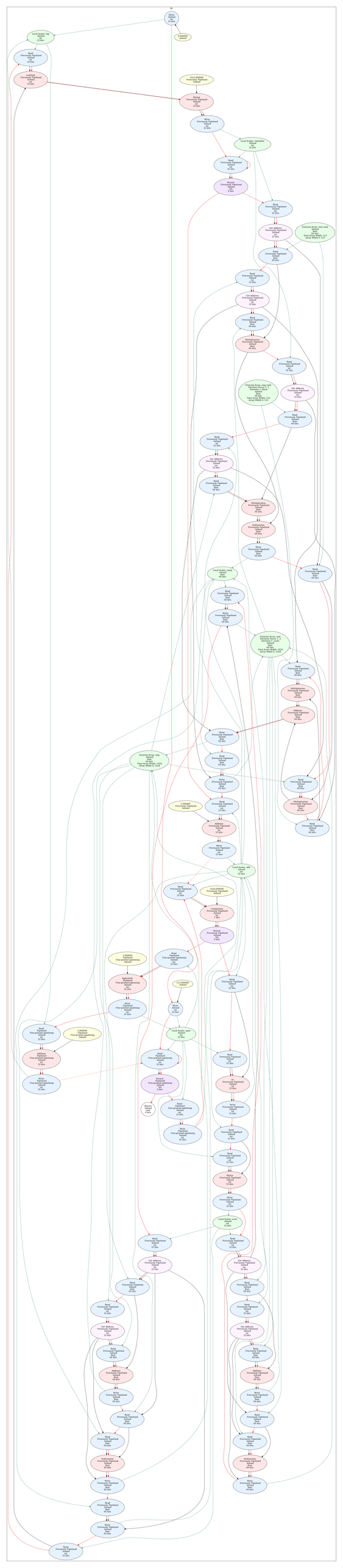
Write
Vectorized
Int
32 bits
5.000000
Scalar
Load Scalar int
Scalar
Int
32 bits
Read
Previously Pipelined
Scalar
Int
32 bits
Lshift32
Previously Pipelined
Scalar
Int
32 bits
1023.000000
Previously Pipelined
Scalar
Float
32 bits
Retval
Previously Pipelined
Scalar
Float
32 bits
Write
Previously Pipelined
Scalar
Float
32 bits
Local Scalar variables
Scalar
Int
32 bits
Read
Previously Pipelined
Scalar
Int
32 bits
Branch
Previously Pipelined
Scalar
NA
0 bits
Read
Previously Pipelined
Scalar
Int
32 bits
Get Address
Previously Pipelined
Scalar
Int
32 bits
External Array: mul_test
Scalar
64 bits
Total Array Width: 512
Array Width 0: 512
Read
Previously Pipelined
Scalar
Int
64 bits
Read
Previously Pipelined
Scalar
Int
32 bits
Get Address
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Multiplication
Previously Pipelined
Scalar
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64 bits
Read
Previously Pipelined
Scalar
Int
32 bits
External Array: mul_test
Partition 1: Dim 0
Scalar
Int
Total Array Width: 512
Array Width 0: 512
Get Address
Previously Pipelined
Scalar
Int
32 bits
Read
Previously Pipelined
Scalar
Int
64 bits
Read
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32 bits
Get Address
Previously Pipelined
Scalar
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32 bits
Read
Previously Pipelined
Scalar
Int
64 bits
Multiplication
Previously Pipelined
Scalar
Int
64 bits
Subtraction
Previously Pipelined
Scalar
Int
64 bits
Write
Previously Pipelined
Scalar
Int
64 bits
Local Scalar temp
Scalar
Int
64 bits
Read
Previously Pipelined
Scalar
Int
64 bits
Write
Previously Pipelined
Scalar
Int
64 bits
Read
Previously Pipelined
Scalar
Int
64 bits
External Array: mul
Partition 0: Dim 0
Partition 1: cyclic
Scalar
Int
Total Array Width: 1024
Array Width 0: 1024
Read
Previously Pipelined
Scalar
Int
64 bits
Multiplication
Previously Pipelined
Scalar
Int
64 bits
Addition
Previously Pipelined
Scalar
Int
64 bits
Write
Previously Pipelined
Scalar
Int
64 bits
Read
Previously Pipelined
Scalar
Int
64 bits
External Array: mul
Scalar
64 bits
Total Array Width: 1024
Array Width 0: 1024
Write
Previously Pipelined
Scalar
Int
64 bits
Read
Previously Pipelined
Scalar
Int
64 bits
1.000000
Scalar
Float
32 bits
Read
Previously Pipelined
Scalar
Int
32 bits
Addition
Previously Pipelined
Scalar
Int
32 bits
Write
Previously Pipelined
Scalar
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32 bits
Read
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Scalar
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64 bits
Load Scalar add
Scalar
Int
32 bits
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Pipelined
Fine-grained pipelining
Scalar
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Fine-grained pipelining
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Load Scalar mem
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Get Address
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Read
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Scalar
Int
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Subtraction
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Subtraction
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