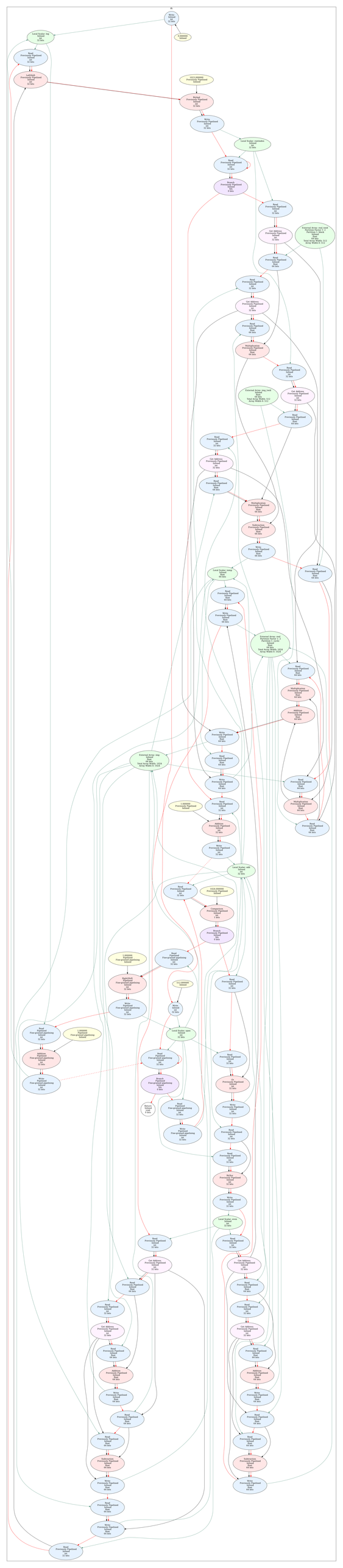
Write
Vectorized
Float
32 bits
0.000000
Scaled
Load Scalar int
Scaled
Int
32 bits
Read
Previously Pipelined
Scaled
32 bits
Lshift32
Previously Pipelined
Scaled
32 bits
1023.000000
Previously Pipelined
Scaled
Float
32 bits
Bitcast
Previously Pipelined
Scaled
32 bits
Write
Previously Pipelined
Scaled
Int
32 bits
Load Scalar rasterizer
Scaled
Int
32 bits
Read
Previously Pipelined
Scaled
Int
32 bits
Branch
Previously Pipelined
Scaled
NA
0 bits
Read
Previously Pipelined
Scaled
Int
32 bits
Get Address
Previously Pipelined
Scaled
Int
32 bits
External Array: rast_tmp0
Scaled
Int
Partition 0: block
Partition 1: block
Axes:
Total Array Width: 512
Array Width 0: 512
Read
Previously Pipelined
Scaled
64 bits
Read
Previously Pipelined
Scaled
Int
32 bits
Get Address
Previously Pipelined
Scaled
Int
32 bits
Read
Previously Pipelined
Scaled
Float
64 bits
Multiplication
Previously Pipelined
Scaled
Float
64 bits
Read
Previously Pipelined
Scaled
Float
32 bits
External Array: img_tmp0
Scaled
Float
Axes:
Total Array Width: 512
Array Width 0: 512
Get Address
Previously Pipelined
Scaled
Int
32 bits
Read
Previously Pipelined
Scaled
64 bits
Read
Previously Pipelined
Scaled
Int
32 bits
Get Address
Previously Pipelined
Scaled
Int
32 bits
Read
Previously Pipelined
Scaled
Float
64 bits
Multiplication
Previously Pipelined
Scaled
Float
64 bits
Subtraction
Previously Pipelined
Scaled
Float
64 bits
Write
Previously Pipelined
Scaled
Float
64 bits
Read
Previously Pipelined
Scaled
64 bits
Local Scalar temp
Scaled
Float
64 bits
Read
Previously Pipelined
Scaled
Float
64 bits
Write
Previously Pipelined
Scaled
Float
64 bits
External Array: out
Scaled
Float
Partition 0: cyclic
Axes:
Total Array Width: 1024
Array Width 0: 1024
Read
Previously Pipelined
Scaled
64 bits
Multiplication
Previously Pipelined
Scaled
64 bits
Addition
Previously Pipelined
Scaled
64 bits
Write
Previously Pipelined
Scaled
Float
64 bits
External Array: img
Scaled
Float
64 bits
Total Array Width: 1024
Array Width 0: 1024
64
Read
Previously Pipelined
Scaled
Float
64 bits
Write
Previously Pipelined
Scaled
Float
64 bits
Read
Previously Pipelined
Scaled
64 bits
Multiplication
Previously Pipelined
Scaled
64 bits
1.000000
Scaled
32 bits
Read
Previously Pipelined
Scaled
Float
32 bits
Addition
Previously Pipelined
Scaled
32 bits
Write
Previously Pipelined
Scaled
32 bits
Load Scalar add
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32 bits
1024.000000
Previously Pipelined
Scaled
Read
Previously Pipelined
Scaled
32 bits
Comparison
Previously Pipelined
Scaled
1 bits
Branch
Previously Pipelined
Scaled
0 bits
1.000000
Pipelined
Fine-grained pipelining
Scaled
32 bits
Read
Pipelined
Fine-grained pipelining
Scaled
32 bits
Read
Previously Pipelined
Scaled
32 bits
Rightshift
Pipelined
Fine-grained pipelining
Scaled
31 bits
511.000000
Scaled
32 bits
Write
Pipelined
Fine-grained pipelining
Scaled
32 bits
Write
Scaled
32 bits
Load Scalar tone
Scaled
32 bits
1.000000
Pipelined
Fine-grained pipelining
Scaled
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Read
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Fine-grained pipelining
Scaled
32 bits
Addition
Pipelined
Fine-grained pipelining
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32 bits
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Fine-grained pipelining
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Previously Pipelined
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32 bits
Bitcast
Pipelined
Fine-grained pipelining
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0 bits
Bitcast
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Fine-grained pipelining
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32 bits
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Fine-grained pipelining
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32 bits
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Previously Pipelined
Scaled
32 bits
Read
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Scaled
32 bits
Shifter
Previously Pipelined
Scaled
32 bits
Write
Previously Pipelined
Scaled
32 bits
Load Scalar mem
Scaled
32 bits
Read
Previously Pipelined
Scaled
32 bits
Read
Previously Pipelined
Scaled
32 bits
Get Address
Previously Pipelined
Scaled
32 bits
Get Address
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32 bits
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Scaled
64 bits
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Previously Pipelined
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32 bits
Read
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Get Address
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32 bits
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64 bits
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Scaled
64 bits
Address
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64 bits
Address
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64 bits
Write
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Float
64 bits
Write
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Float
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Read
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Subtraction
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Float
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32 bits
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64 bits
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Scaled
Float
32 bits