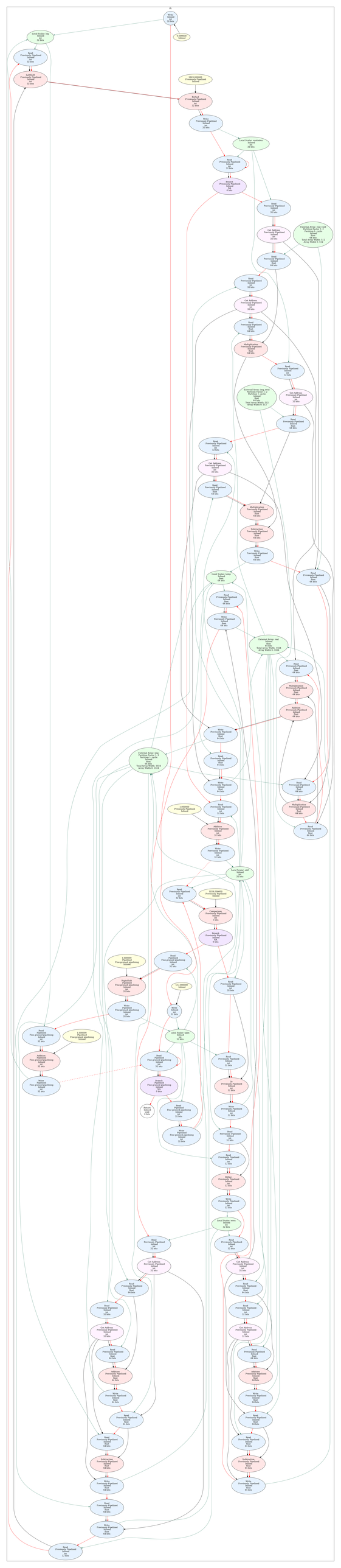
Write
Pipelined
Stage
32 bits
1.500000
Stored
Load Scalar: tid
Stored
Stage
32 bits
Read
Previously Pipelined
Stored
32 bits
Lookup
Previously Pipelined
Stored
32 bits
1023.500000
Previously Pipelined
Stored
ReAct
Previously Pipelined
Stored
32 bits
Write
Previously Pipelined
Stored
Stage
32 bits
Local Scalar: centroidx
Stored
Stage
32 bits
Read
Previously Pipelined
Stored
Stage
32 bits
Branch
Previously Pipelined
Stored
Stage
3 bits
Read
Previously Pipelined
Stored
Stage
32 bits
External Array: read_input
Partition Factor: 1
(cyclic)
Stage
Total Array Width: 512
Array Width 0: 512
Get Address
Previously Pipelined
Stored
Stage
32 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
32 bits
Get Address
Previously Pipelined
Stored
Stage
32 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Multiplication
Previously Pipelined
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
32 bits
External Array: img_input
Partition 1 (cyclic)
Stored
Stage
Total Array Width: 512
Array Width 0: 512
Get Address
Previously Pipelined
Stored
Stage
32 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
32 bits
Get Address
Previously Pipelined
Stored
Stage
32 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Multiplication
Previously Pipelined
Stored
Stage
64 bits
Subtraction
Previously Pipelined
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Local Scalar: temp
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Write
Previously Pipelined
Stored
Stage
64 bits
External Array: img
Partition 1 (cyclic)
Stored
Stage
Total Array Width: 1024
Array Width 0: 1024
Read
Previously Pipelined
Stored
Stage
64 bits
Multiplication
Previously Pipelined
Stored
Stage
64 bits
Addition
Previously Pipelined
Stored
Stage
64 bits
Write
Previously Pipelined
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Write
Previously Pipelined
Stored
Stage
64 bits
Read
Previously Pipelined
Stored
Stage
64 bits
Multiplication
Previously Pipelined
Stored
Stage
64 bits
Addition
Previously Pipelined
Stored
Stage
64 bits
1.000000
Pipelined
Stored
Read
Previously Pipelined
Stored
Stage
32 bits
Address
Previously Pipelined
Stored
Stage
32 bits
Write
Previously Pipelined
Stored
Stage
32 bits
Local Scalar: sum
Stored
Stage
32 bits
Read
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
1.000000
Pipelined
Four-ground partitioning
Stored
1024.000000
Previously Pipelined
Stored
Comparison
Previously Pipelined
Stored
Stage
1 bits
Branch
Previously Pipelined
Stored
Stage
1 bits
1.000000
Pipelined
Four-ground partitioning
Stored
Read
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Rejected
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Write
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
1.000000
Pipelined
Four-ground partitioning
Stored
Read
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Address
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Write
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
1.000000
Pipelined
Four-ground partitioning
Stored
Read
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Branch
Pipelined
Four-ground partitioning
Stored
Stage
1 bits
Write
Stored
Stage
1 bits
Read
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Write
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
1.000000
Pipelined
Four-ground partitioning
Stored
Read
Pipelined
Four-ground partitioning
Stored
Stage
32 bits
Address