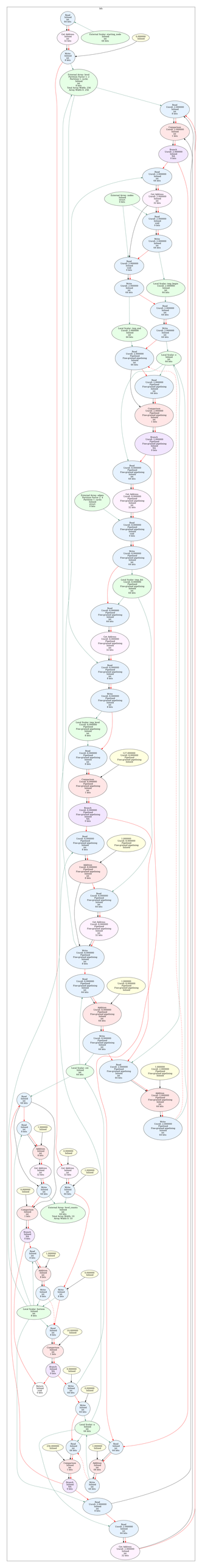
Read
Uint8.0.000000
64 bits
Get Address
Uint8.0.000000
Pipelined
32 bits
External Scalar:starting_mode
Uint8.0.000000
64 bits
0.000000
Initiated
Write
Uint8.0.000000
Pipelined
8 bits
External Array:input
Partition Factor: 2, 2
Partition 1: cyclic
Pipelined
Array Width: 32
Total Array Size: 256
Array Width 0: 256
Read
Uint8.0.000000
Initiated
8 bits
Cast
Uint8.0.000000
to
Uint1
1 bits
Branch
Uint8.0.000000
Initiated
1 bits
Read
Uint8.0.000000
Initiated
64 bits
Get Address
Uint8.0.000000
Initiated
32 bits
External Array:index
Initiated
Pipelined
1 bits
Read
Uint8.0.000000
Initiated
8 bits
Write
Uint8.0.000000
Initiated
8 bits
Read
Uint8.0.000000
Initiated
64 bits
Write
Uint8.0.000000
Initiated
64 bits
Local Scalar:temp_begin
Uint8.0.000000
Initiated
8 bits
Read
Uint8.0.000000
Initiated
64 bits
Local Scalar:temp_end
Uint8.0.000000
Initiated
64 bits
Write
Uint8.0.000000
Initiated
64 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Local Scalar:i
Uint8.0.000000
Pipelined
64 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Comparison
Uint8.1.000000
Pipelined
Fine-grained pipelining
Initiated
1 bits
Branch
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
1 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
External Array:edge
Initiated
Pipelined
Partition 1: cyclic
Array Width: 32
Array Size: 256
Get Address
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
32 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Write
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Local Scalar:tmp_64
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Cast Address
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
32 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Write
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Local Scalar:tmp_65
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
1.000000
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
Comparison
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
1 bits
Branch
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
1.000000
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
Addition
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Cast Address
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
32 bits
Write
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
8 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
1.000000
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
Addition
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Write
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Local Scalar:cnt
Uint8.0.000000
Initiated
64 bits
Read
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
1.000000
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
Addition
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Write
Uint8.0.000000
Pipelined
Fine-grained pipelining
Initiated
64 bits
Read
Initiated
64 bits
Read
Initiated
8 bits
1.000000
Initiated
Addition
Initiated
8 bits
0.000000
Initiated
Get Address
Initiated
32 bits
Get Address
Initiated
32 bits
0.000000
Initiated
Write
Initiated
64 bits
Write
Initiated
64 bits
Comparison
Initiated
1 bits
External Array: level_count
Initiated
Pipelined
Total Array Width: 16
Array Width 0: 16
Branch
Initiated
1 bits
Read
Initiated
8 bits
1.000000
Initiated
Addition
Initiated
8 bits
0.000000
Initiated
Write
Initiated
8 bits
Write
Initiated
8 bits
Local Scalar:level
Initiated
8 bits
Read
Initiated
8 bits
10.000000
Initiated
Comparison
Initiated
1 bits
Branch
Initiated
1 bits
0.000000
Initiated
Write
Initiated
8 bits
1.000000
Initiated
Write
Initiated
64 bits
Read
Initiated
64 bits
Local Scalar:i
Initiated
64 bits
256.000000
Initiated
Read
Initiated
64 bits
1.000000
Initiated
Read
Initiated
64 bits
Comparison
Initiated
1 bits
Addition
Initiated
64 bits
Branch
Initiated
1 bits
Write
Initiated
64 bits
Read
Uint8.0.000000
Initiated
8 bits
Read
Uint8.0.000000
Pipelined
8 bits
Cast Address
Uint8.0.000000
Pipelined
32 bits