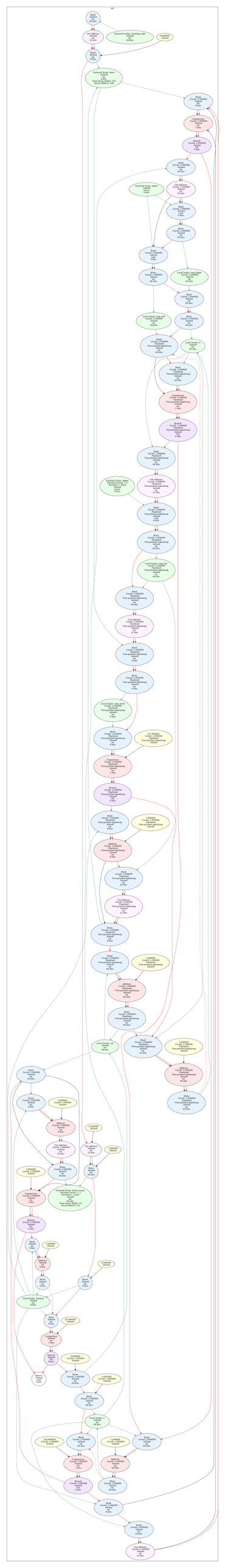
kn
Read
Uint8_t 1000000
Pipelined
64 bits
Get Address
Inlined
Pipelined
32 bits
External Array: rhythm_node
Inlined
Pipelined
64 bits
0.500000
Inlined
Write
Uint8_t 1000000
Pipelined
64 bits
External Array: kn
Inlined
Total Accesses: 256
Array Width (b): 128
Read
Uint8_t 1000000
Pipelined
64 bits
Comparison
Uint8_t 1000000
Pipelined
1 bits
Branch
Uint8_t 1000000
Pipelined
0 bits
Read
Uint8_t 1000000
Inlined
64 bits
External Array: index
Inlined
Pipelined
32 bits
Get Address
Uint8_t 1000000
Pipelined
32 bits
Read
Uint8_t 1000000
Inlined
Pipelined
8 bits
Write
Uint8_t 1000000
Inlined
64 bits
Read
Uint8_t 1000000
Inlined
Pipelined
4 bits
Write
Uint8_t 1000000
Inlined
64 bits
Local Scalar: loop_count
Uint8_t 1000000
Inlined
64 bits
Read
Uint8_t 2000000
Inlined
64 bits
Local Scalar: loop_end
Uint8_t 1000000
Inlined
64 bits
Write
Uint8_t 2000000
Inlined
64 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Local Scalar: n
Uint8_t 1000000
64 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Comparison
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
1 bits
Branch
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
0 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
External Array: offset
Pipelined
Fine-grained pipelining
Inlined
0 bits
Get Address
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
32 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
8 bits
Write
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Local Scalar: loop_dot
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Get Address
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
32 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
8 bits
Write
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Local Scalar: loop_dout
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
8 bits
Read
Uint8_t 2000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
127.000000
Pipelined
Fine-grained pipelining
Inlined
Comparison
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
1 bits
Branch
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
0 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
8 bits
1.000000
Uint8_t 1000000
Pipelined
Inlined
Address
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
8 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Get Address
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
32 bits
Write
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Uint8_t 2000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
1.000000
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
Address
Uint8_t 2000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Write
Uint8_t 2000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Local Scalar: out
Inlined
64 bits
Read
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
1.000000
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
Address
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Write
Uint8_t 1000000
Pipelined
Fine-grained pipelining
Inlined
64 bits
Read
Uint8_t 2000000
Inlined
64 bits
1.000000
Uint8_t 1000000
Inlined
Address
Uint8_t 2000000
Inlined
8 bits
Get Address
Uint8_t 2000000
Inlined
32 bits
0.000000
Uint8_t 1000000
Inlined
Get Address
Uint8_t 1000000
Inlined
32 bits
1.000000
Inlined
Write
Uint8_t 1000000
Inlined
64 bits
8.000000
Uint8_t 1000000
Inlined
Comparison
Uint8_t 1000000
Inlined
1 bits
External Array: local_inputs
Partition 0 : cyclic
Partition 1 : cyclic
Inlined
Pipelined
Total Array Width: 16
Array Width (b): 16
Branch
Uint8_t 1000000
Inlined
0 bits
Read
Uint8_t 2000000
Inlined
8 bits
1.000000
Inlined
Address
Uint8_t 2000000
Inlined
8 bits
Write
Uint8_t 2000000
Inlined
64 bits
9.000000
Uint8_t 1000000
Inlined
Write
Uint8_t 1000000
Inlined
64 bits
Local Scalar: bottom
Inlined
8 bits
Read
Uint8_t 2000000
Inlined
64 bits
15.000000
Uint8_t 1000000
Inlined
Comparison
Uint8_t 2000000
Inlined
1 bits
Branch
Uint8_t 2000000
Inlined
0 bits
8.000000
Uint8_t 1000000
Inlined
Return
Inlined
0 bits
Write
Uint8_t 1000000
Inlined
64 bits
8.000000
Uint8_t 1000000
Inlined
Write
Uint8_t 2000000
Inlined
64 bits
Local Scalar: n
Inlined
64 bits
256.000000
Uint8_t 1000000
Inlined
Read
Uint8_t 1000000
Inlined
64 bits
1.000000
Uint8_t 1000000
Inlined
Read
Uint8_t 1000000
Inlined
64 bits
Comparison
Uint8_t 1000000
Inlined
1 bits
Address
Uint8_t 1000000
Inlined
64 bits
Branch
Uint8_t 1000000
Inlined
0 bits
Write
Uint8_t 1000000
Inlined
64 bits
Read
Uint8_t 2000000
Inlined
8 bits
Read
Uint8_t 1000000
Inlined
64 bits
Get Address
Uint8_t 1000000
Inlined
32 bits