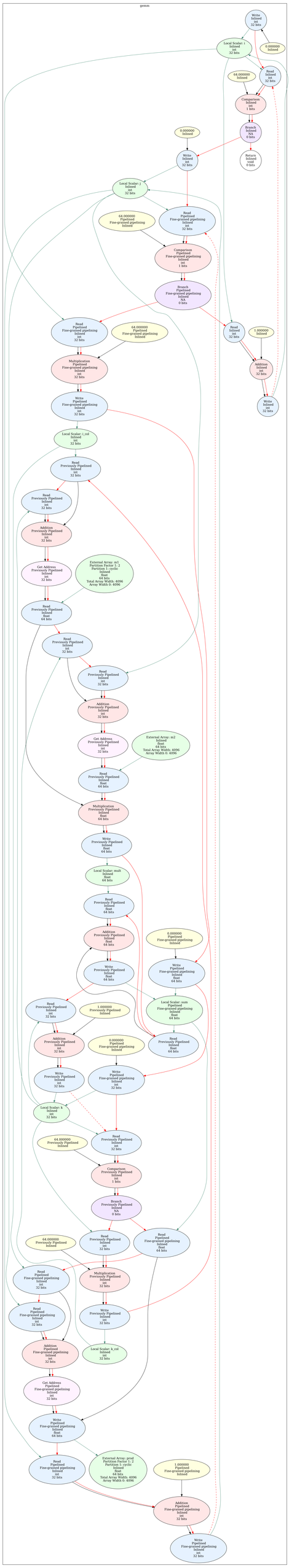
gemm
Write
Inlined
int
32 bits
Local Scalar: i
Inlined
int
32 bits
0.000000
Inlined
64.000000
Inlined
Read
Inlined
int
32 bits
Comparison
Inlined
int
1 bits
Branch
Inlined
NA
0 bits
Return
Inlined
void
0 bits
0.000000
Inlined
Write
Inlined
int
32 bits
Local Scalar: j
Inlined
int
32 bits
64.000000
Pipelined
Fine-grained pipelining
Inlined
Read
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Comparison
Pipelined
Fine-grained pipelining
Inlined
int
1 bits
Branch
Pipelined
Fine-grained pipelining
Inlined
NA
0 bits
Read
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
64.000000
Pipelined
Fine-grained pipelining
Inlined
Multiplication
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Read
Inlined
int
32 bits
1.000000
Inlined
Addition
Inlined
int
32 bits
Write
Inlined
int
32 bits
Local Scalar: i.col
Inlined
int
32 bits
Read
Previously Pipelined
Inlined
int
32 bits
Read
Previously Pipelined
Inlined
int
32 bits
Addition
Previously Pipelined
Inlined
int
32 bits
Get Address
Previously Pipelined
Inlined
int
32 bits
External Array: m1
Partition Factor 1 : 2
Partition 1 : cyclic
Inlined
float
64 bits
Total Array Width: 4096
Array Width 0: 4096
Read
Previously Pipelined
Inlined
float
64 bits
Read
Previously Pipelined
Inlined
int
32 bits
Read
Previously Pipelined
Inlined
int
32 bits
Addition
Previously Pipelined
Inlined
int
32 bits
Get Address
Previously Pipelined
Inlined
int
32 bits
External Array: m2
Inlined
float
64 bits
Total Array Width: 4096
Array Width 0: 4096
Read
Previously Pipelined
Inlined
float
64 bits
Multiplication
Previously Pipelined
Inlined
float
64 bits
Write
Previously Pipelined
Inlined
float
64 bits
Local Scalar: mult
Inlined
float
64 bits
Read
Previously Pipelined
Inlined
float
64 bits
Addition
Previously Pipelined
Inlined
float
64 bits
0.000000
Pipelined
Fine-grained pipelining
Inlined
Write
Previously Pipelined
Inlined
float
64 bits
Write
Pipelined
Fine-grained pipelining
Inlined
float
64 bits
Read
Previously Pipelined
Inlined
int
32 bits
1.000000
Previously Pipelined
Inlined
Local Scalar: sum
Pipelined
Fine-grained pipelining
Inlined
float
64 bits
Addition
Previously Pipelined
Inlined
int
32 bits
0.000000
Pipelined
Fine-grained pipelining
Inlined
Read
Previously Pipelined
Inlined
float
64 bits
Write
Previously Pipelined
Inlined
int
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Local Scalar: k
Inlined
int
32 bits
64.000000
Previously Pipelined
Inlined
Read
Previously Pipelined
Inlined
int
32 bits
Comparison
Previously Pipelined
Inlined
int
1 bits
Branch
Previously Pipelined
Inlined
NA
0 bits
64.000000
Previously Pipelined
Inlined
Read
Previously Pipelined
Inlined
int
32 bits
Read
Pipelined
Fine-grained pipelining
Inlined
float
64 bits
Read
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Multiplication
Previously Pipelined
Inlined
int
32 bits
Read
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Write
Previously Pipelined
Inlined
int
32 bits
Addition
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Local Scalar: k.col
Inlined
int
32 bits
Get Address
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
float
64 bits
Read
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
External Array: prod
Partition Factor 1 : 2
Partition 1 : cyclic
Inlined
float
64 bits
Total Array Width: 4096
Array Width 0: 4096
1.000000
Pipelined
Fine-grained pipelining
Inlined
Addition
Pipelined
Fine-grained pipelining
Inlined
int
32 bits
Write
Pipelined
Fine-grained pipelining
Inlined
int
32 bits