

R10K: Cycle 1

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 2

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 3

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5,PR#6, PR#7,PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 4

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 5

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 6

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 7

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 8

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 9

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle 10

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				

R10K: Cycle

ROB							
ht	#	Insn	T	Told	S	X	C
	1	ldf X(r1),f1					
	2	mulf f0,f1,f2					
	3	stf f2,Z(r1)					
	4	addi r1,4,r1					
	5	ldf X(r1),f1					
	6	mulf f0,f1,f2					
	7	stf f2,Z(r1)					

Map Table	
Reg	T+
f0	
f1	
f2	
r1	

CDB
T

Free List
PR#5, PR#6, PR#7, PR#8

Reservation Stations						
#	FU	busy	op	T	T1	T2
1	ALU	no				
2	LD	no				
3	ST	no				
4	FP1	no				
5	FP2	no				