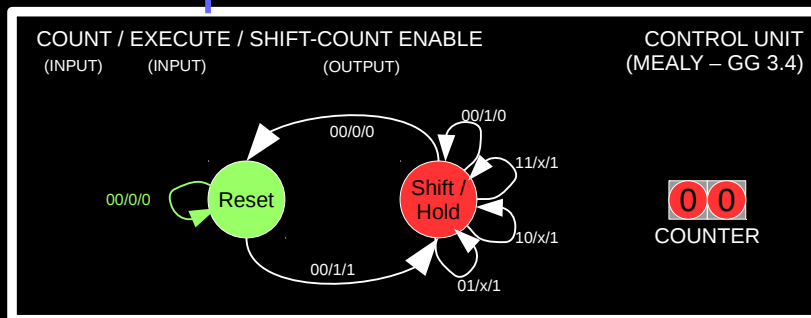
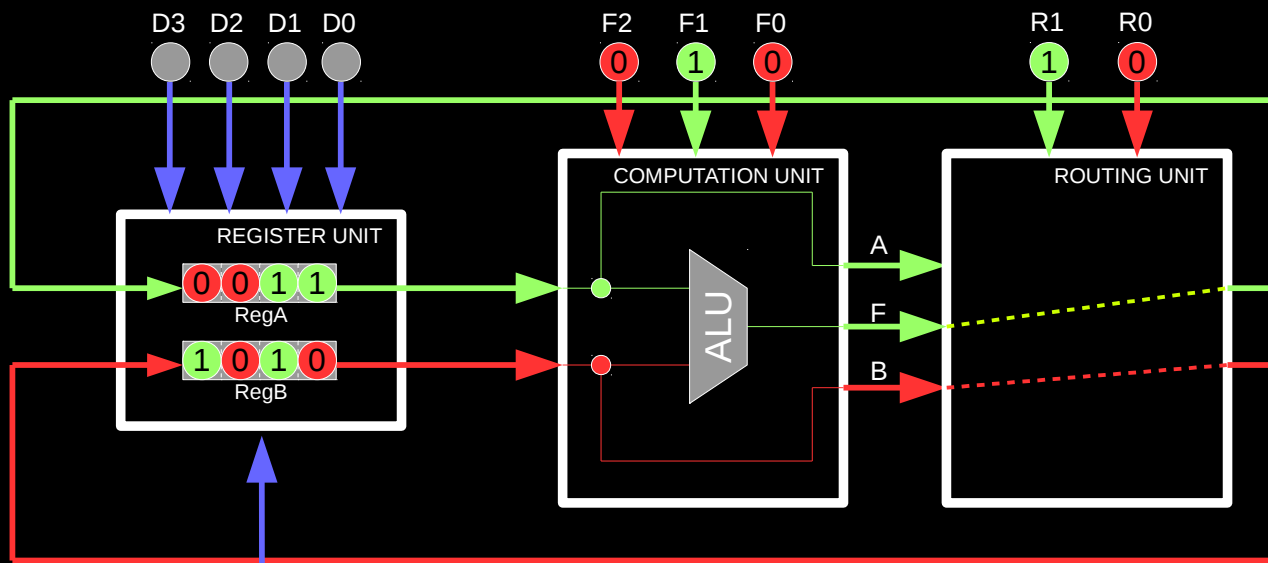


Sample XOR Operation



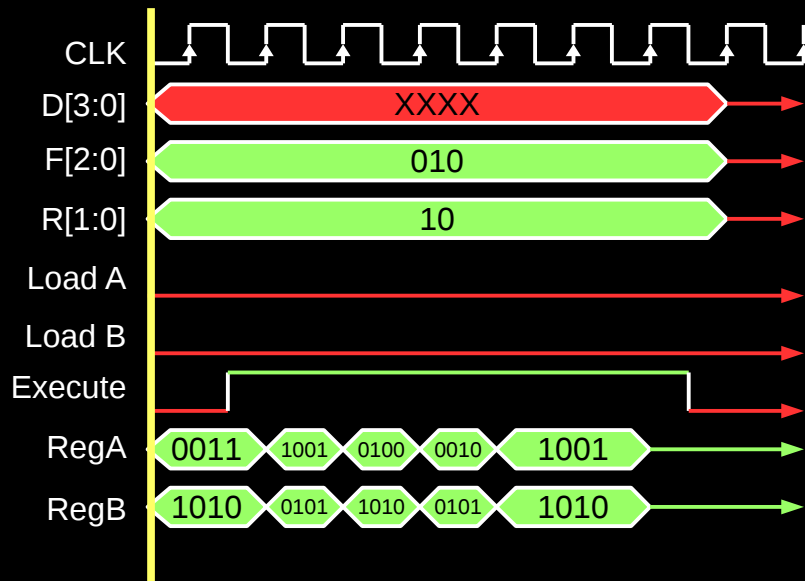
- 0 LOAD A
- 0 LOAD B
- 0 EXECUTE

GG 3.3 (v15.3)

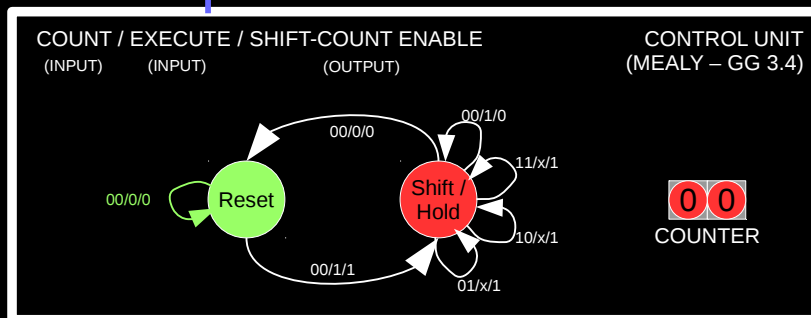
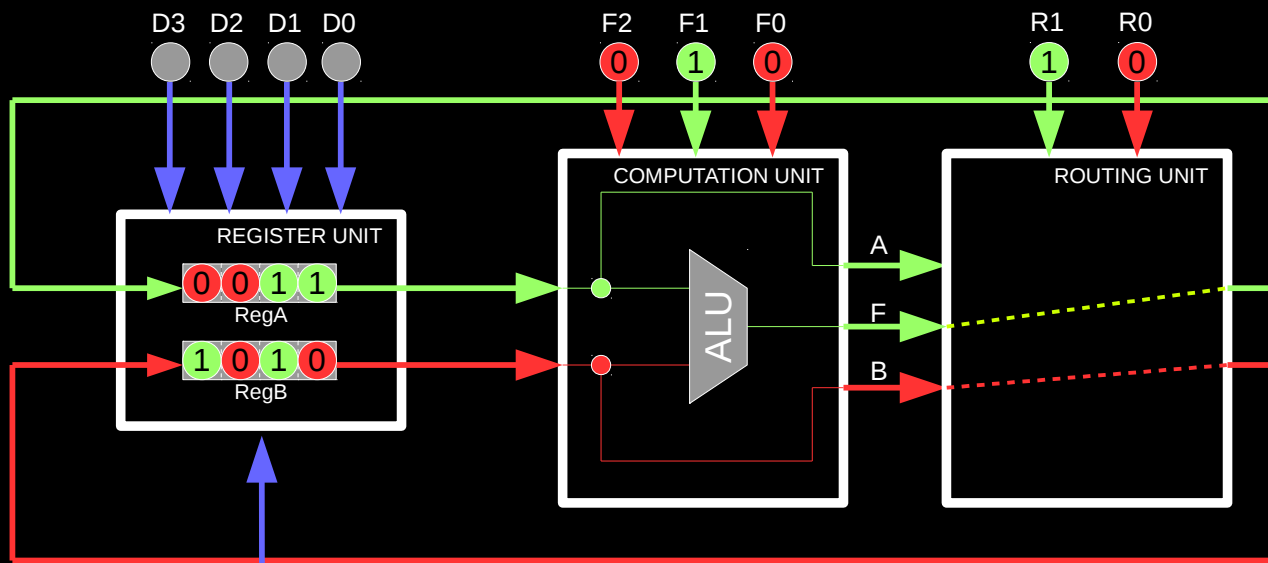
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation



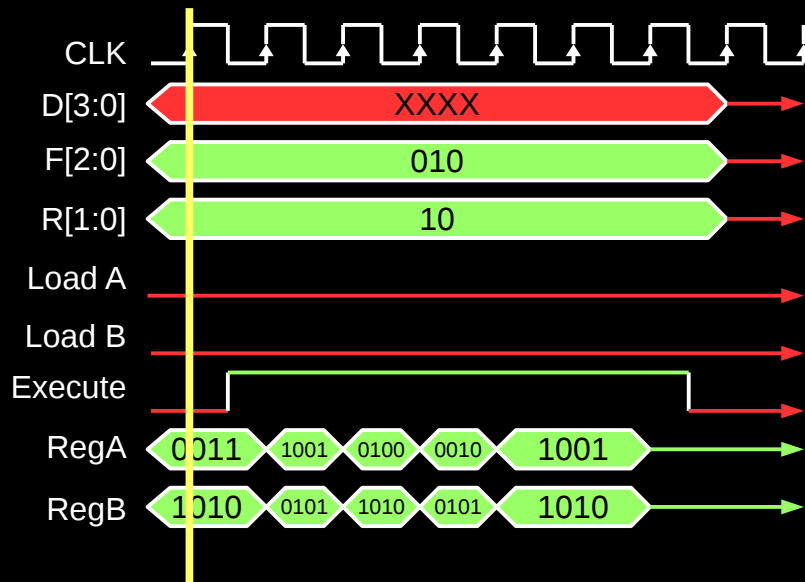
- 0 LOAD A
- 0 LOAD B
- 0 EXECUTE

GG 3.3 (v15.3)

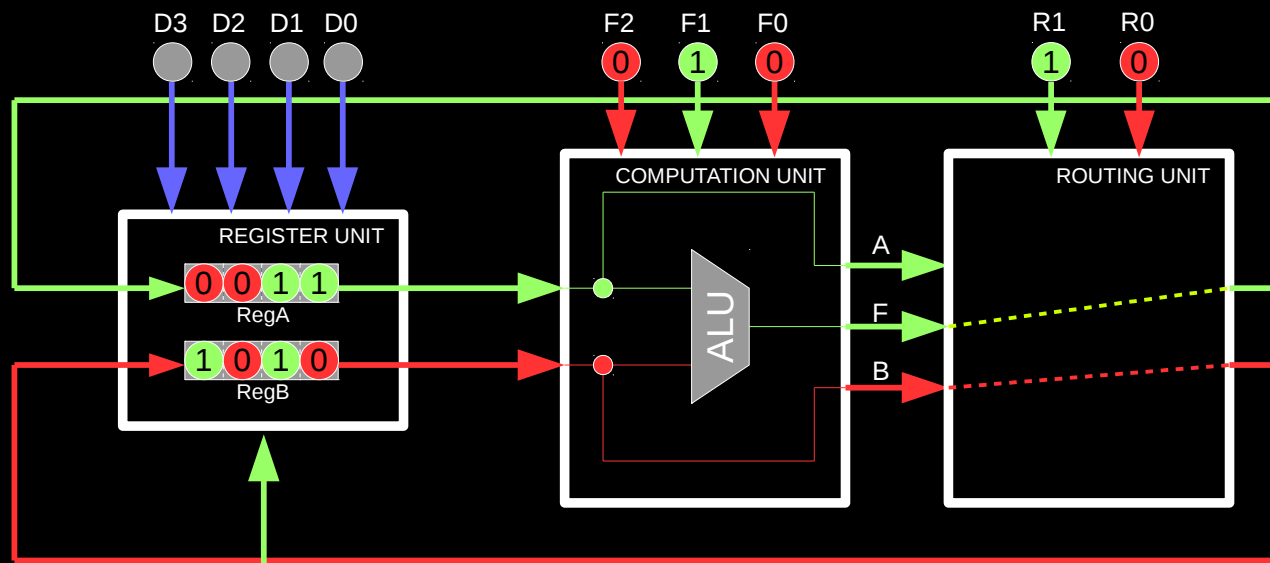
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation

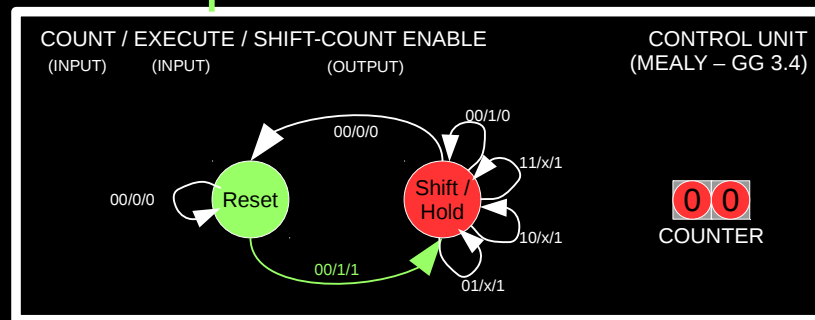


GG 3.3 (v15.3)

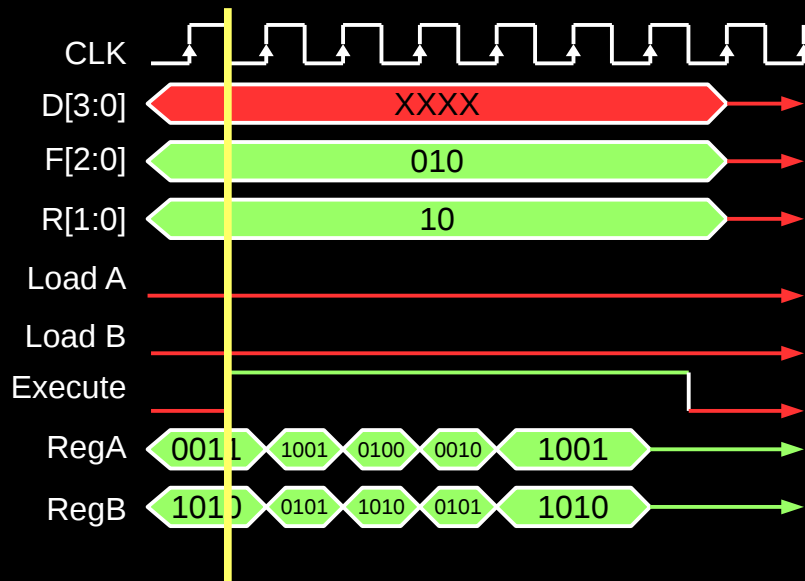
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

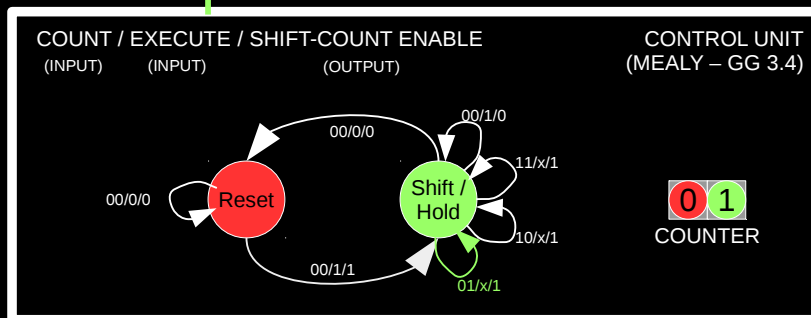
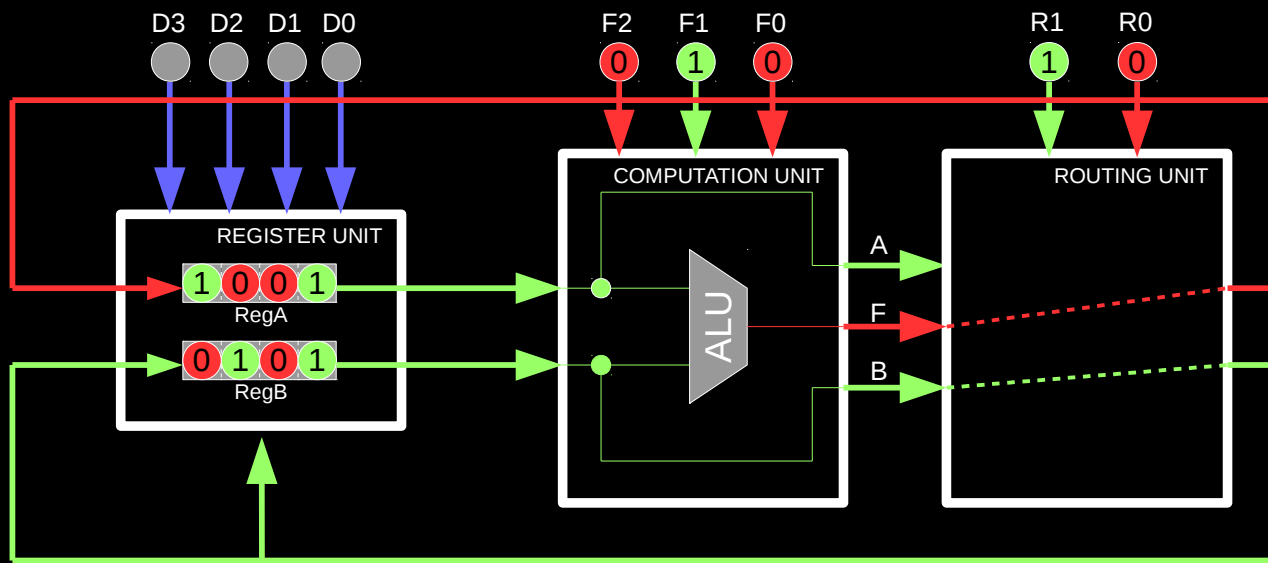
Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE



Sample XOR Operation

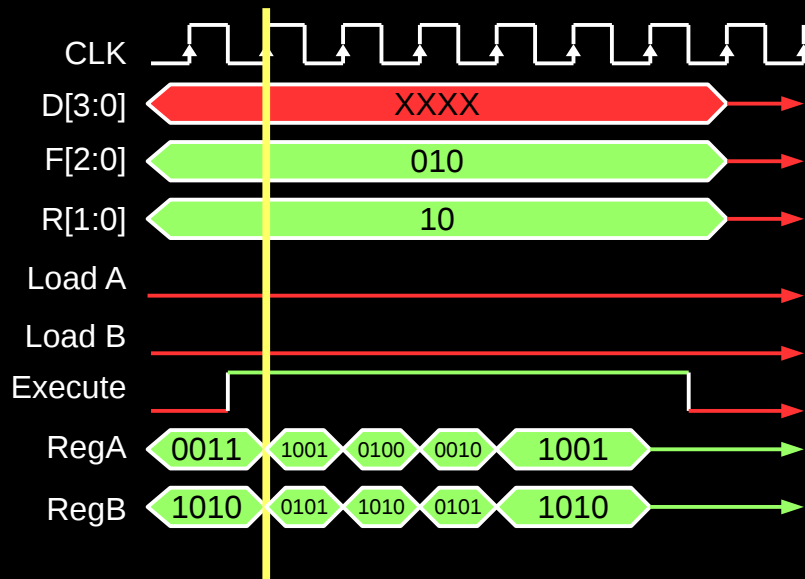


GG 3.3 (v15.3)

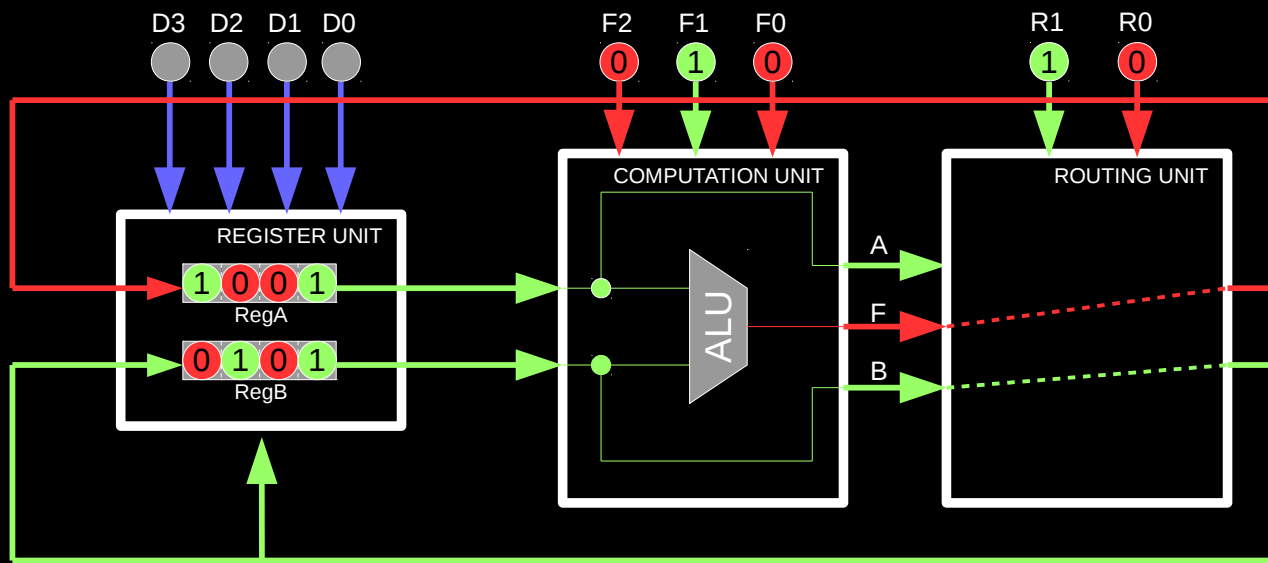
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation

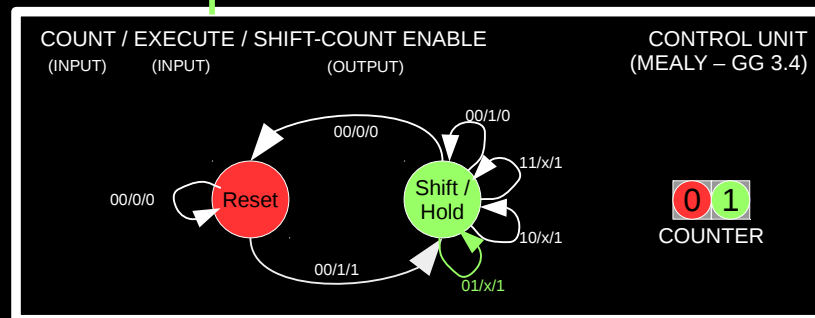


GG 3.3 (v15.3)

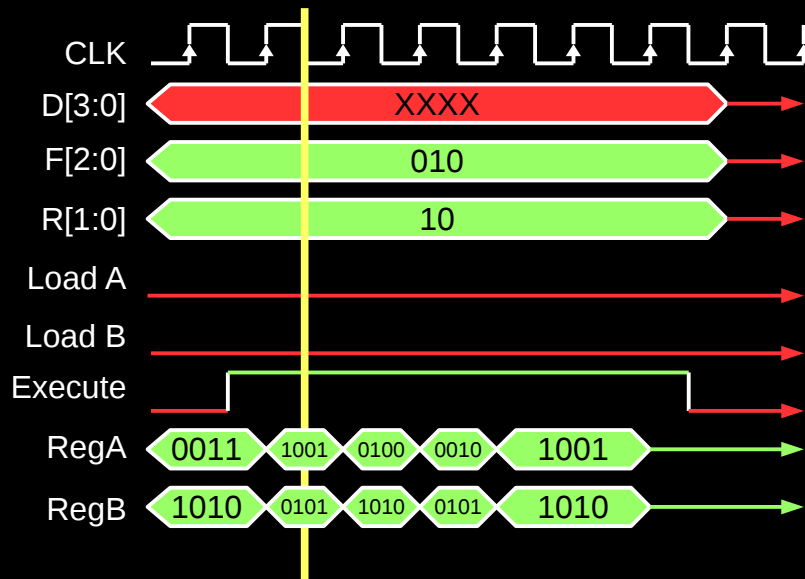
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

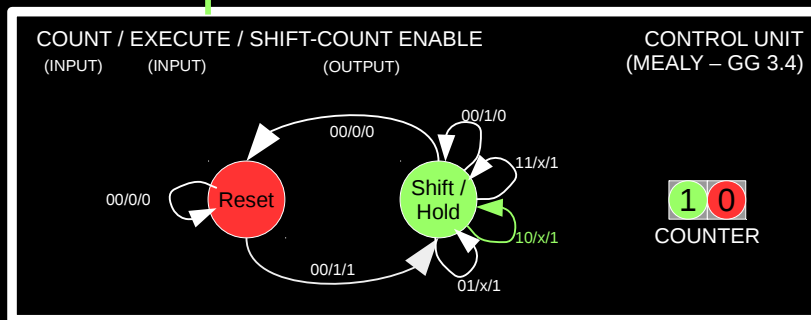
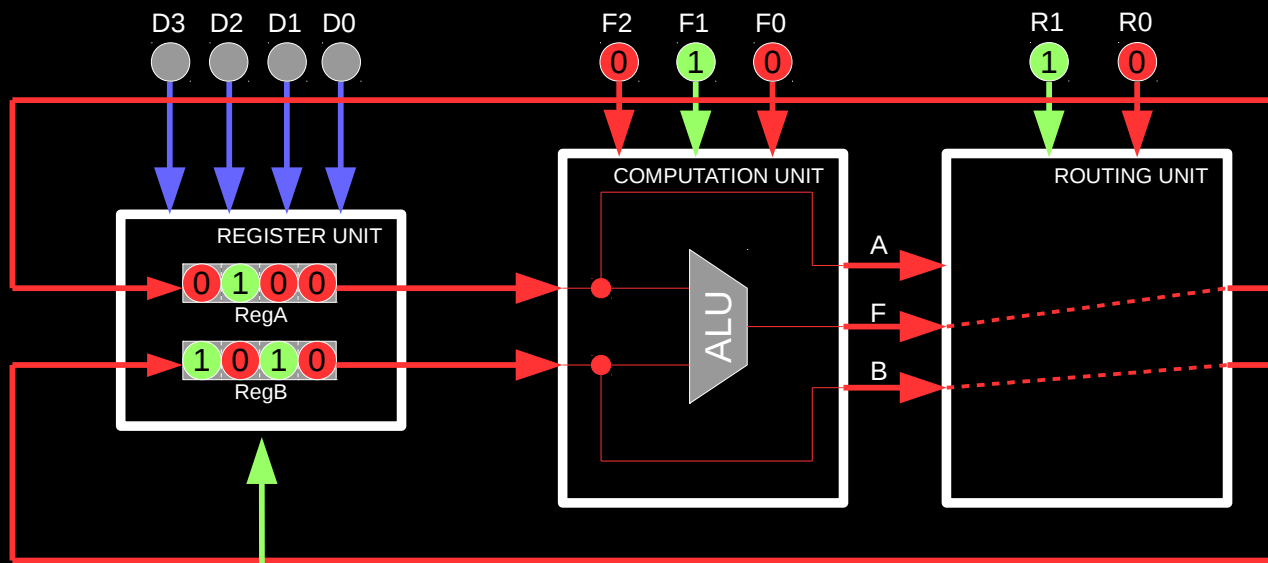
Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE



Sample XOR Operation



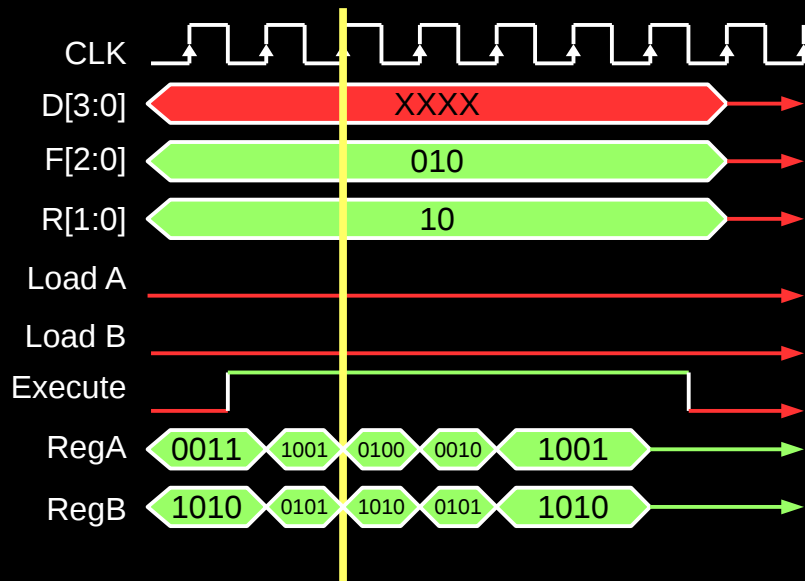
- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE

GG 3.3 (v15.3)

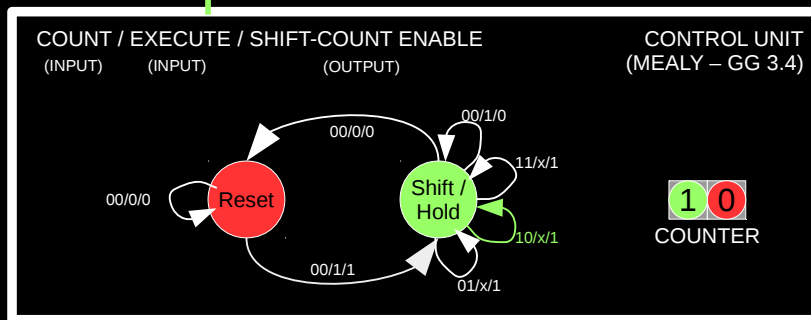
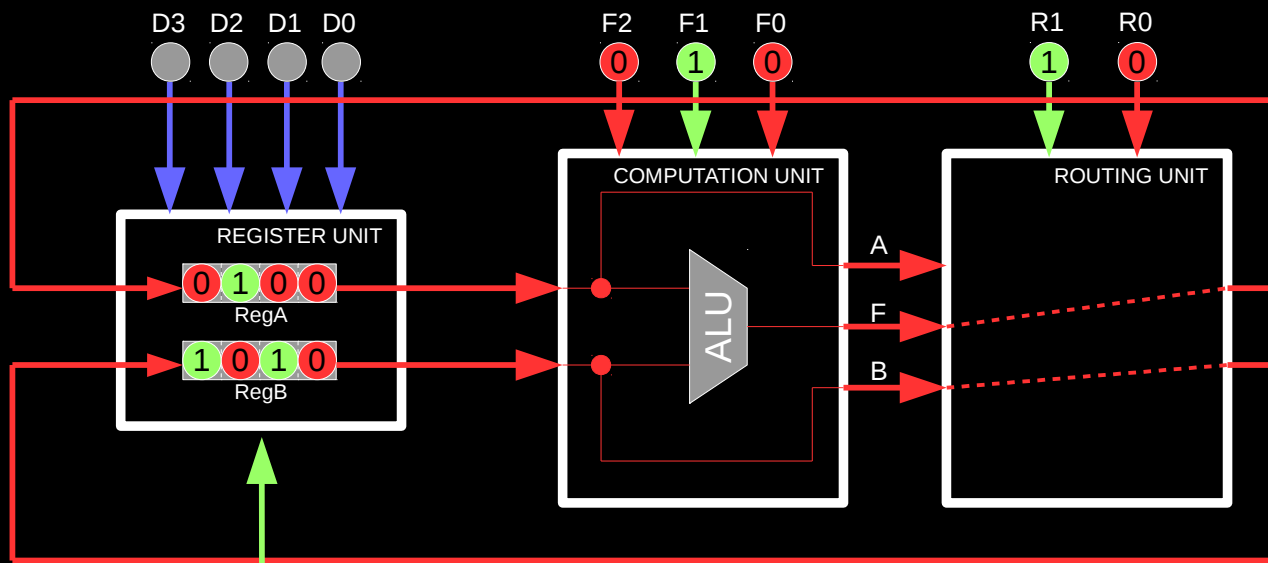
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation



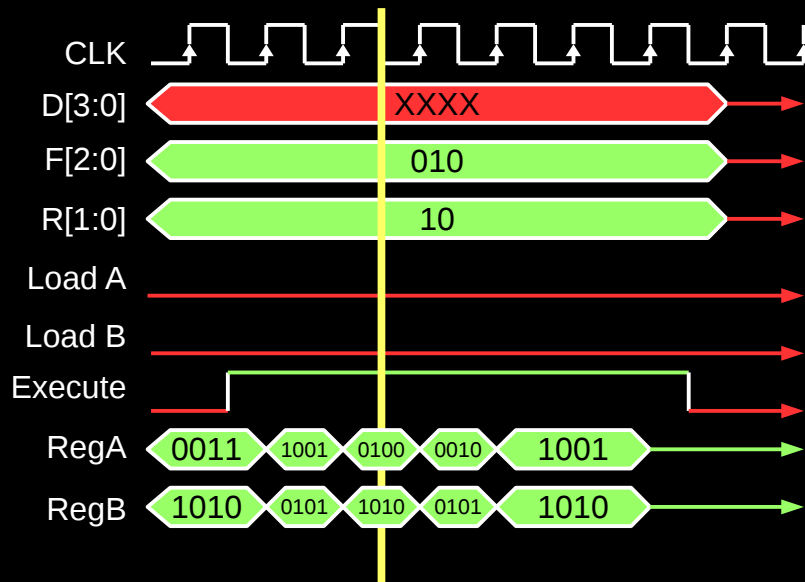
- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE

GG 3.3 (v15.3)

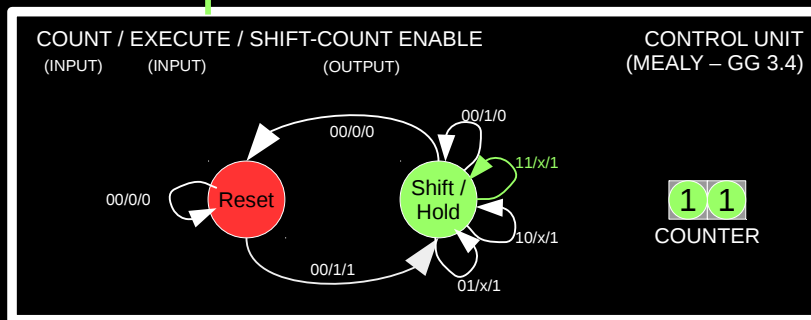
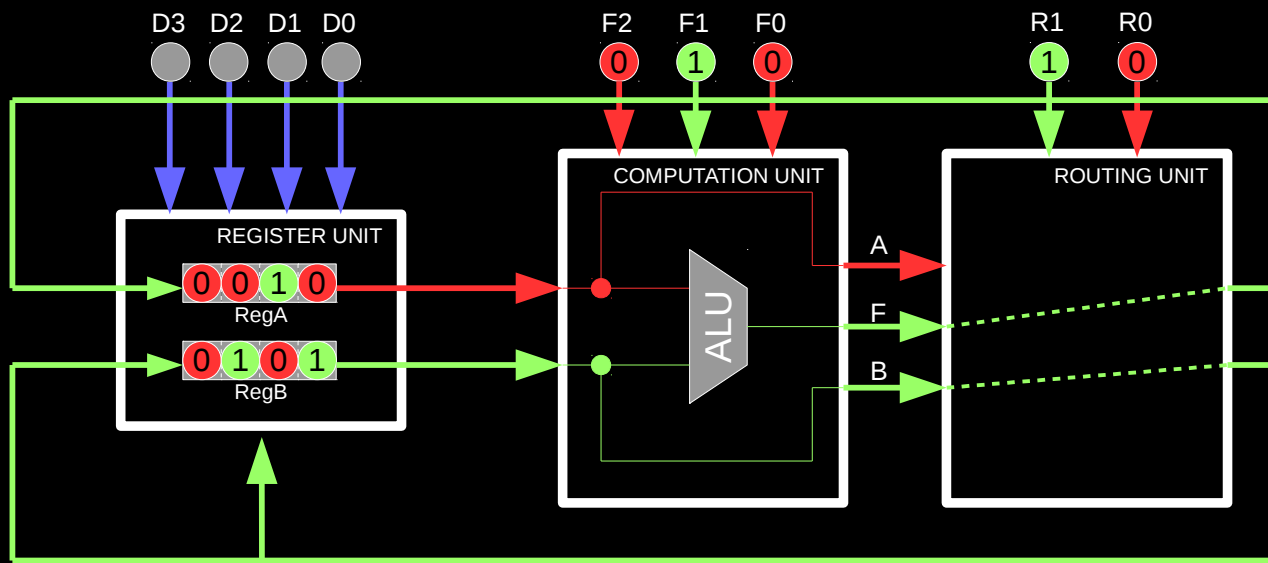
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation

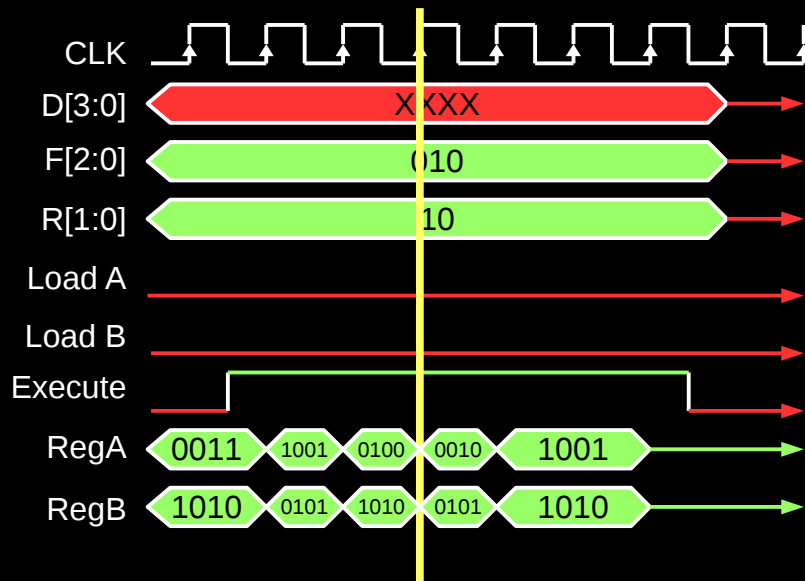


GG 3.3 (v15.3)

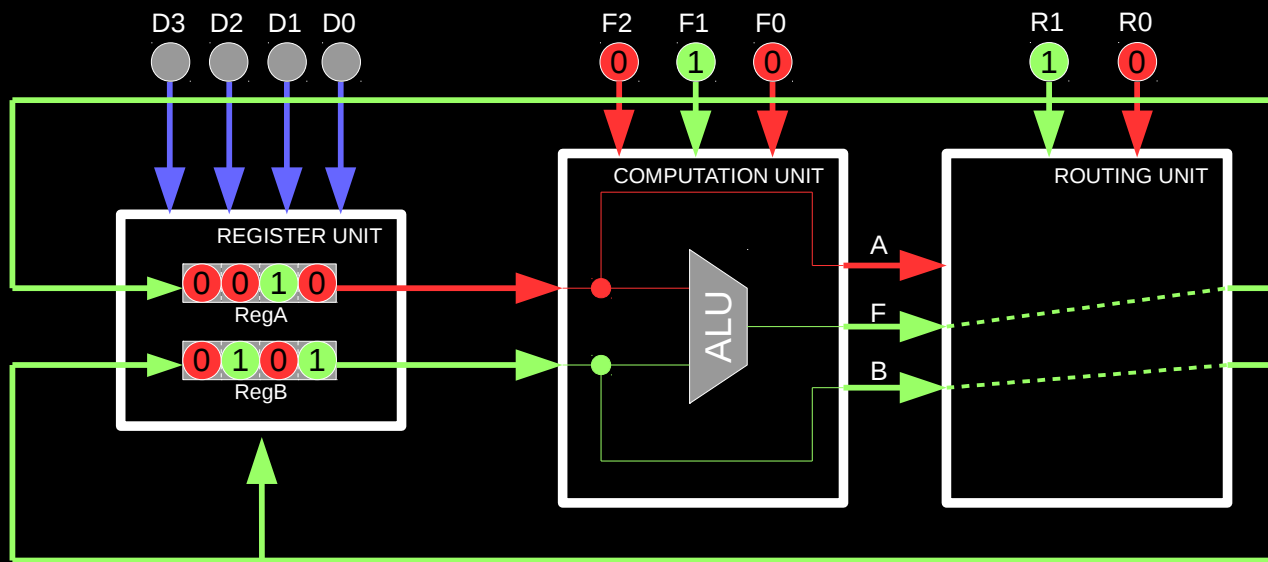
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation

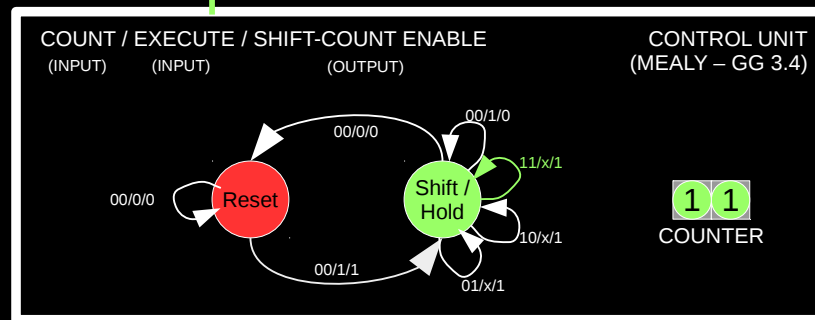


GG 3.3 (v15.3)

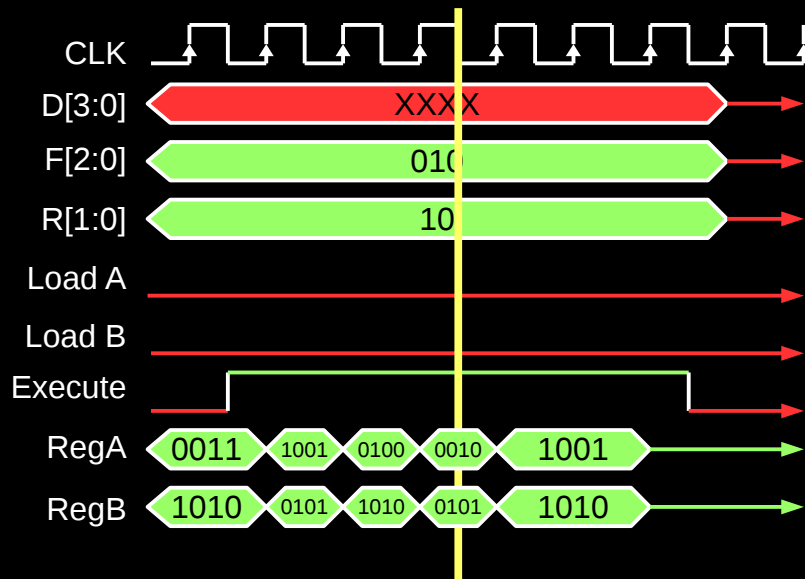
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

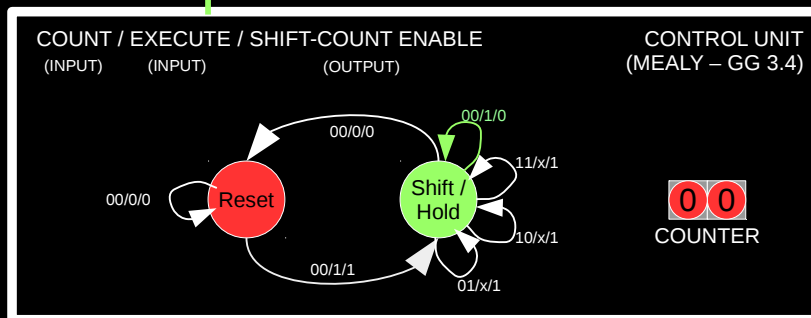
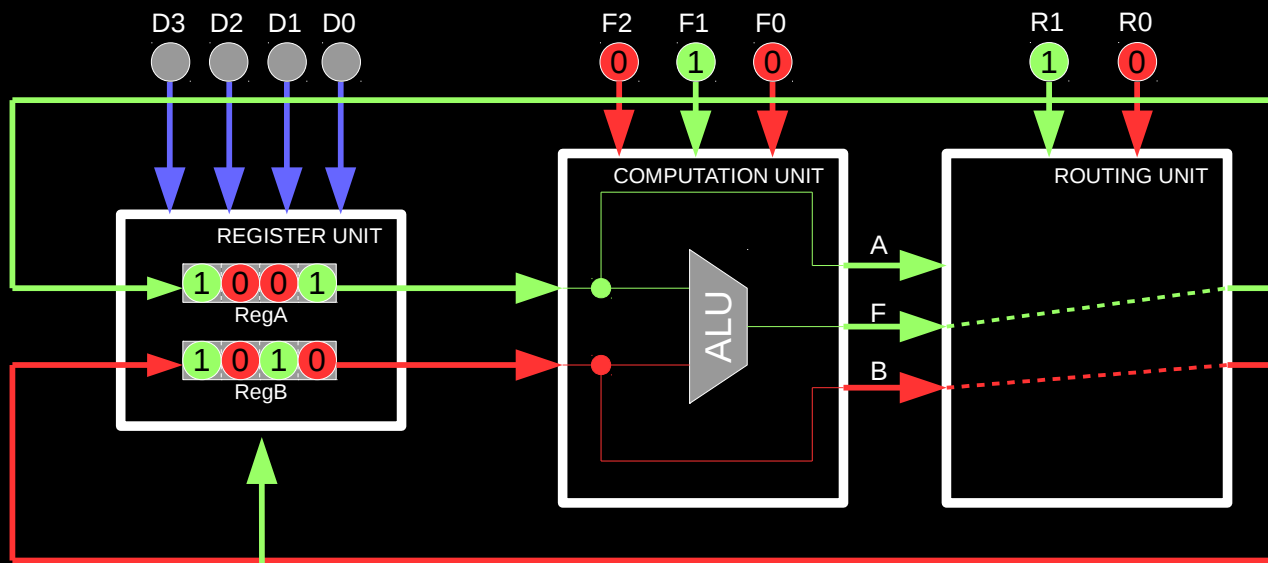
Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE



Sample XOR Operation

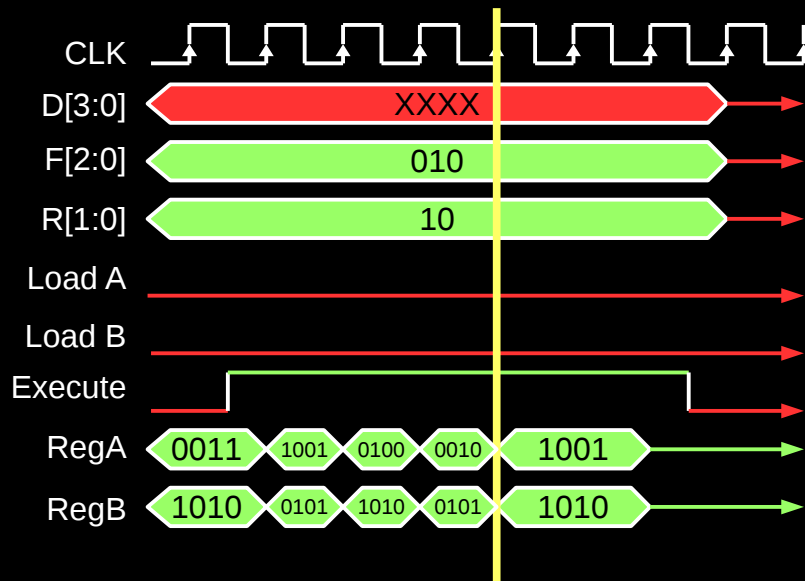


GG 3.3 (v15.3)

Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

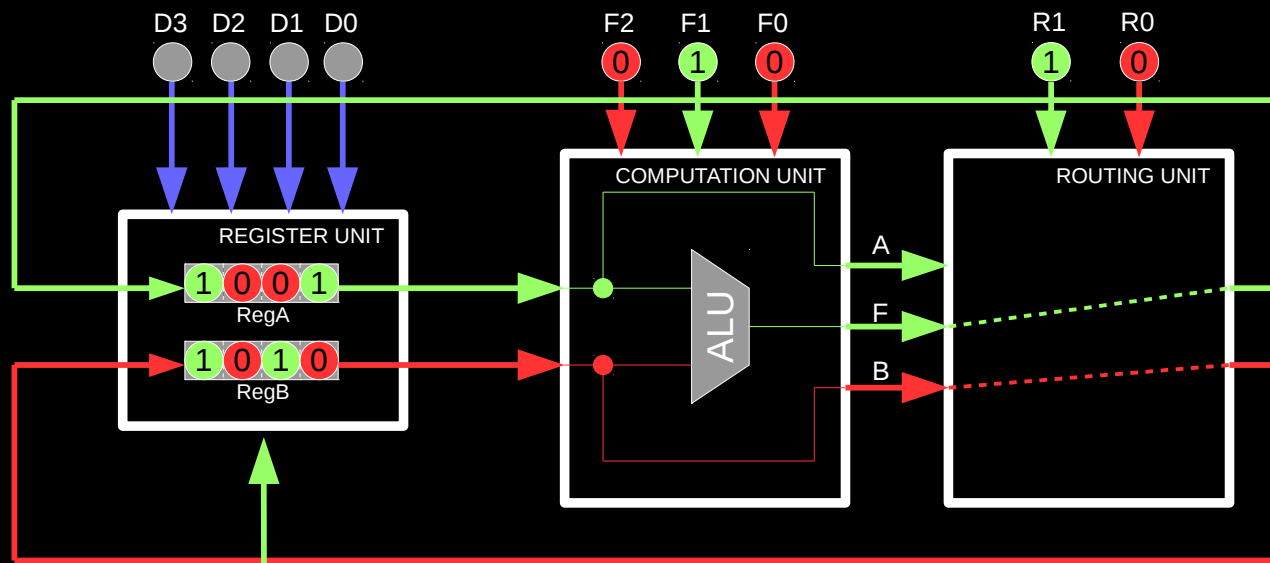
GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE

Sample XOR Operation

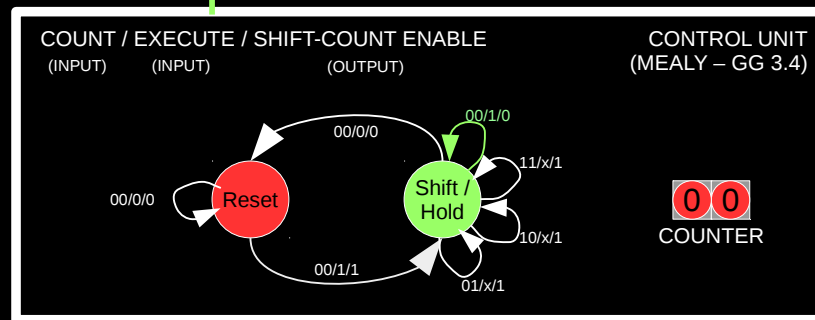


GG 3.3 (v15.3)

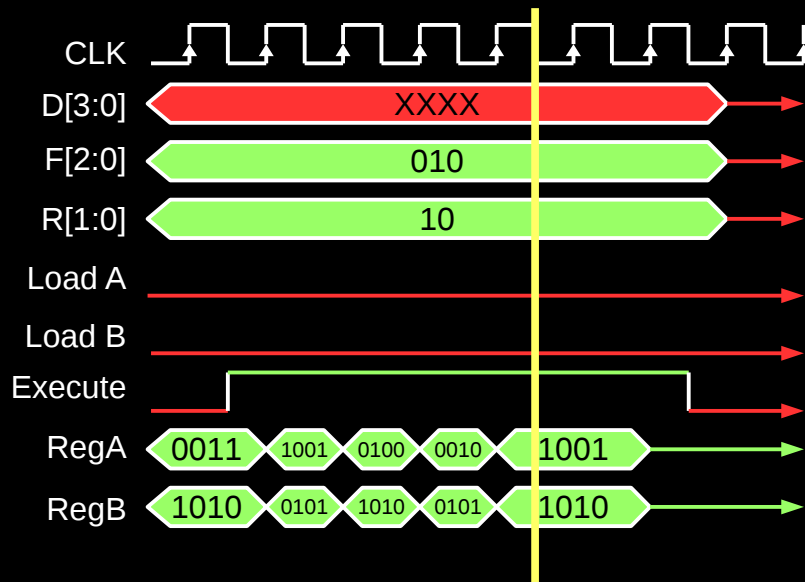
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

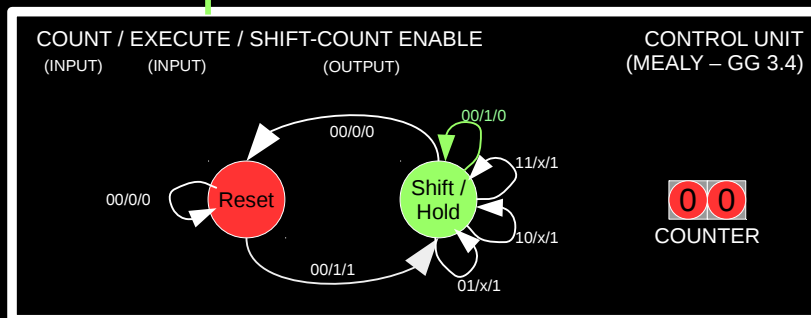
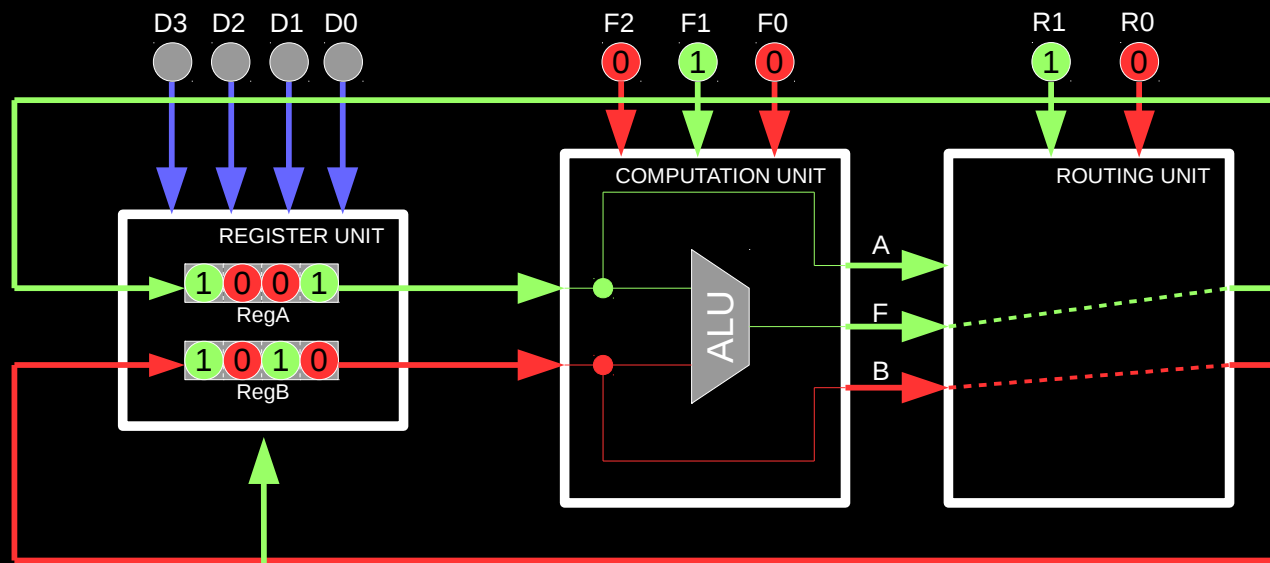
Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE



Sample XOR Operation

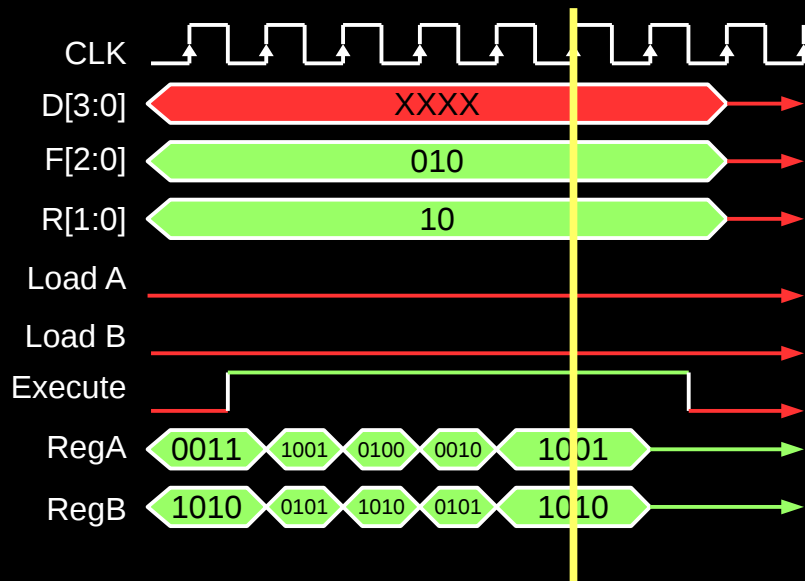


GG 3.3 (v15.3)

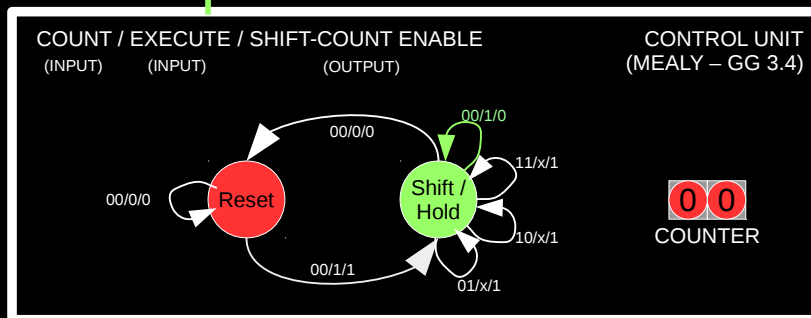
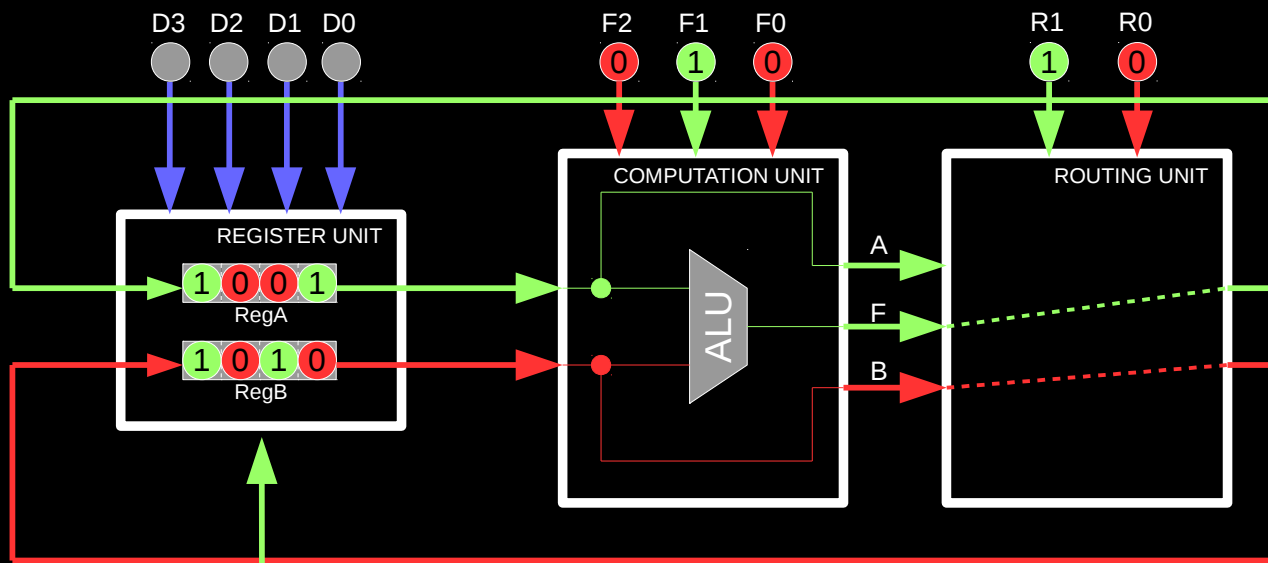
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation



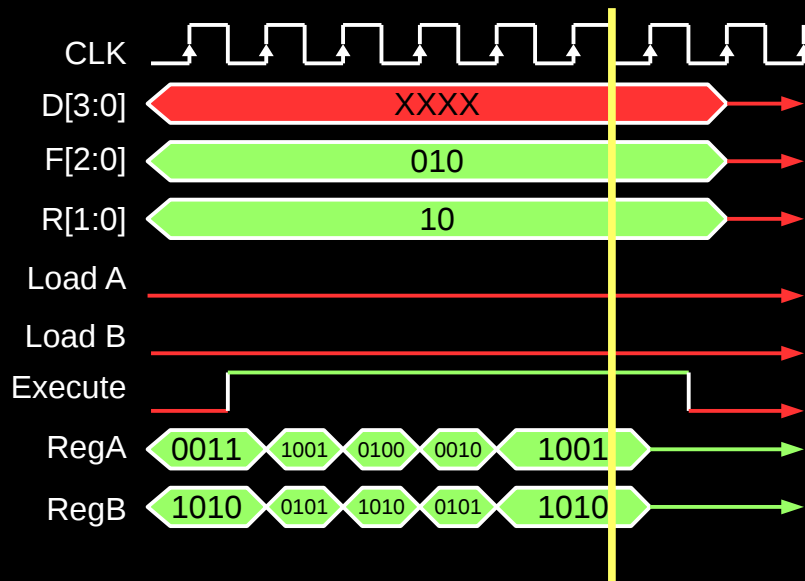
- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE

GG 3.3 (v15.3)

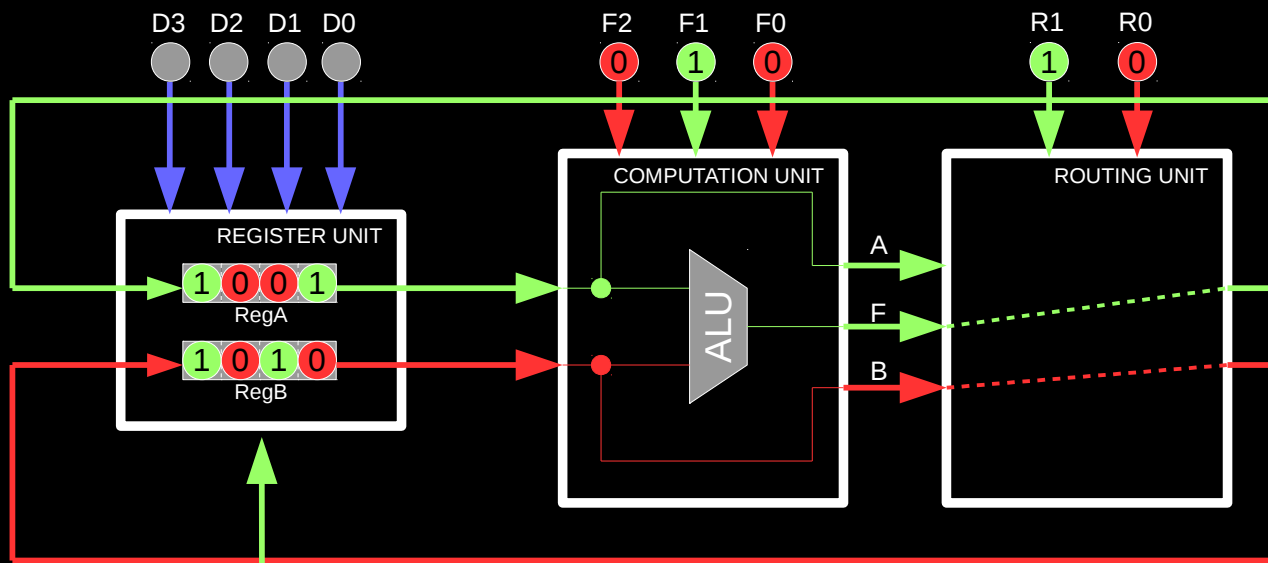
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation

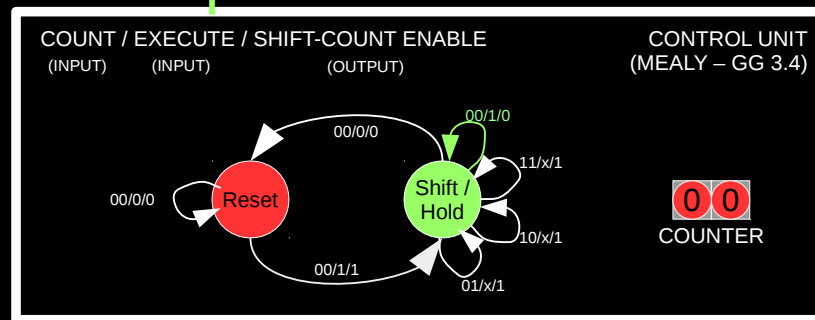


GG 3.3 (v15.3)

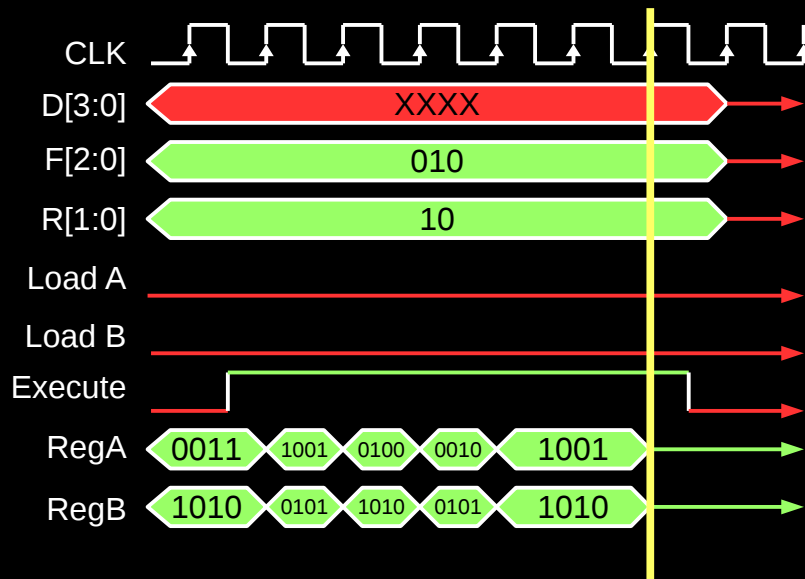
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

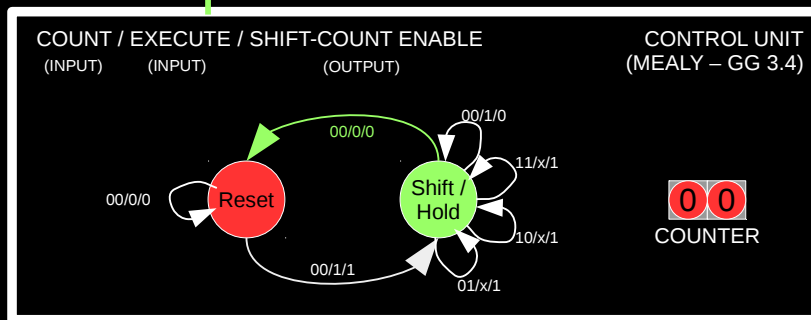
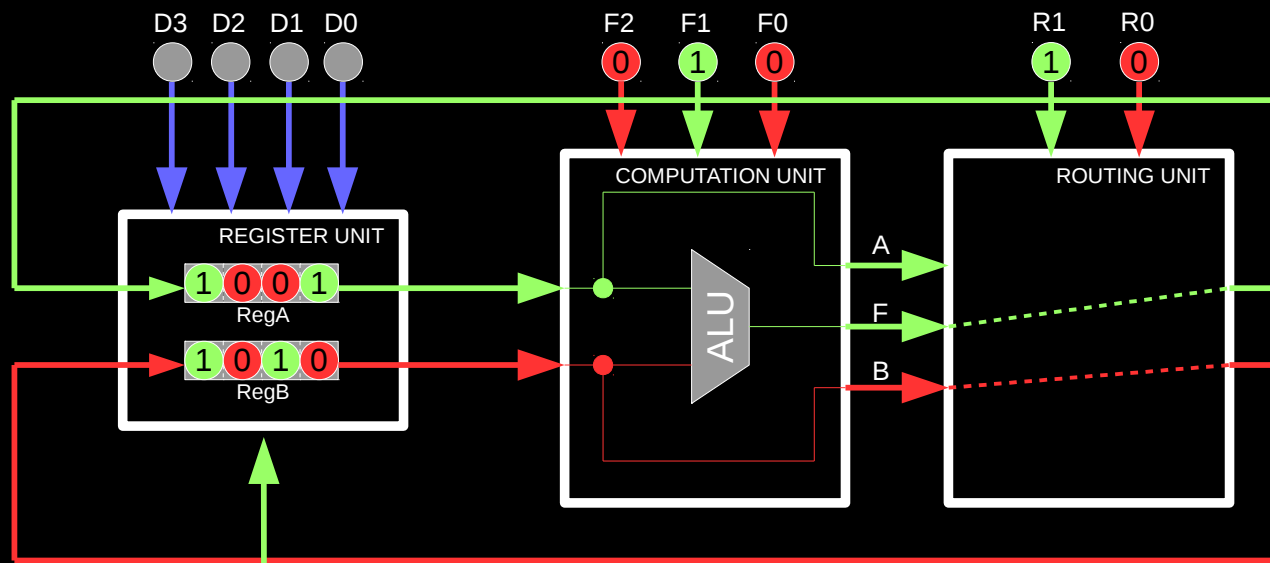
Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



- 0 LOAD A
- 0 LOAD B
- 1 EXECUTE



Sample XOR Operation

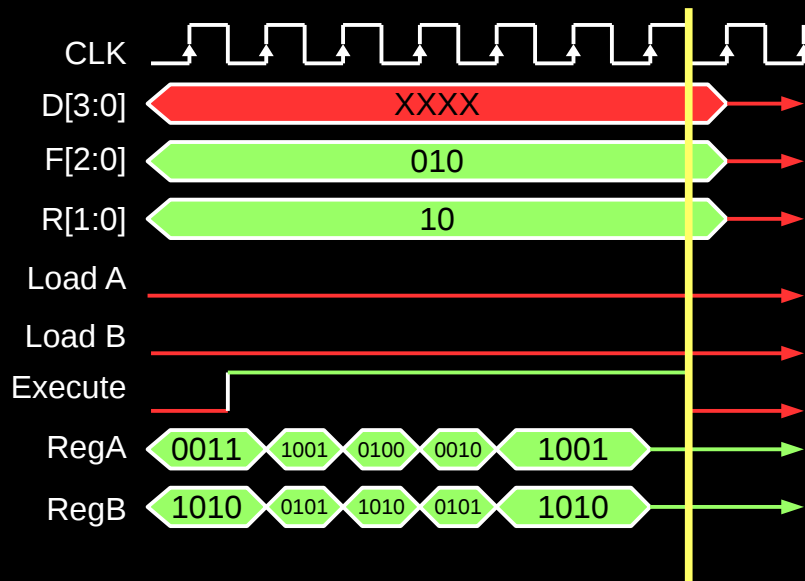


GG 3.3 (v15.3)

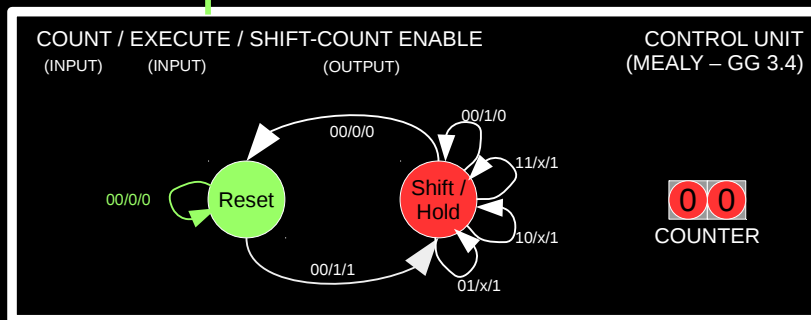
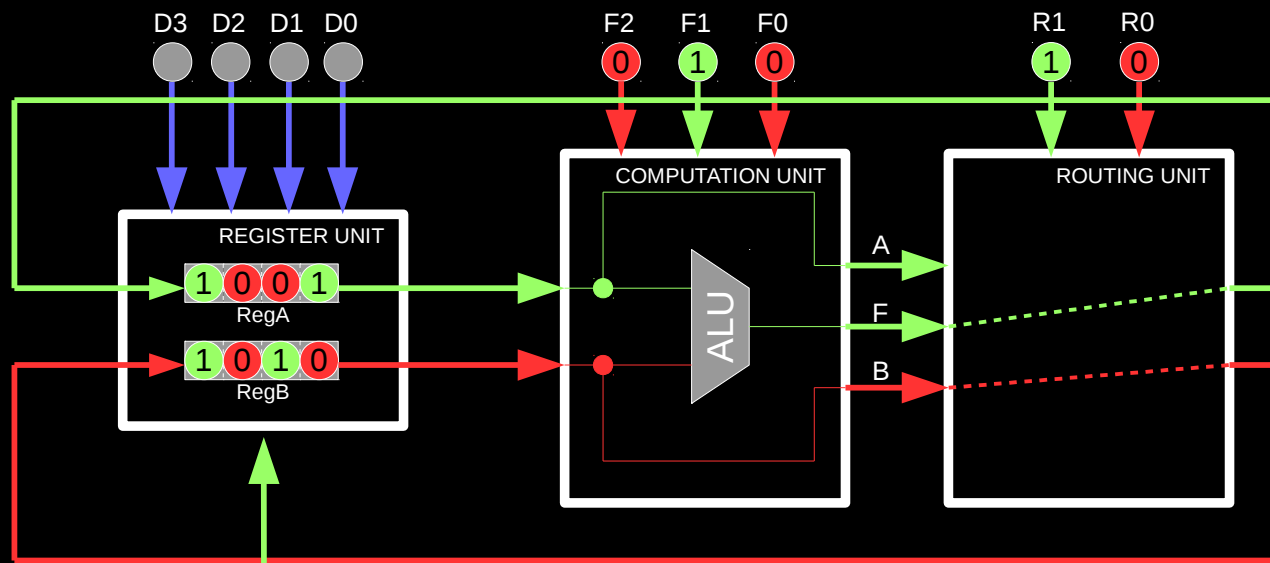
Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A



Sample XOR Operation



GG 3.3 (v15.3)

Computation Unit			
F2	F1	F0	f(A, B)
0	0	0	A AND B
0	0	1	A OR B
0	1	0	A XOR B
0	1	1	1111
1	0	0	A NAND B
1	0	1	A NOR B
1	1	0	A XNOR B
1	1	1	0000

GG 3.3 (v15.3)

Routing Unit			
R1	R0	A'	B'
0	0	A	B
0	1	A	F
1	0	F	B
1	1	B	A

