

in0, in1

sel

	00	01	11	10
0			1	1
1		1	1	

$$z = (\text{sel} \text{ and } \text{in1}) \text{ or } (\text{not}(\text{sel}) \text{ and } \text{in0})$$

$$z = (\text{sel} \text{ and } \text{in1}) \text{ or } (\text{not}(\text{sel}) \text{ and } \text{in0}) \text{ or } (\text{in0} \text{ and } \text{in1})$$