Module	MUX3	
Dependencies	None	
Inputs	**Name**	**Size (Bits)**
	A	1
	B	1
	C	1
	S	2
Outputs	**Name**	**Size (Bits)**
	Y	1
Description	Three-input multiplexor with one-bit inputs. Sets output Y equal to A if S=00, B if S=01, or C if S=10.	