

<b>Module</b>	<b>MUX2</b>	
<b>Dependencies</b>	None	
<b>Inputs</b>	<b>Name</b>	<b>Size (Bits)</b>
	A	1
	B	1
	S	1
<b>Outputs</b>	<b>Name</b>	<b>Size (Bits)</b>
	Y	1
<b>Description</b>	Two-input multiplexor with one-bit inputs. Sets output Y equal to A if S=0, or B if S=1.	