

<b>Module</b>	<b>MUX3_32</b>	
<b>Dependencies</b>	<b>MUX3</b>	
<b>Inputs</b>	<b>Name</b>	<b>Size (Bits)</b>
	A	32
	B	32
	C	32
	S	2
<b>Outputs</b>	<b>Name</b>	<b>Size (Bits)</b>
	Y	1
<b>Description</b>	Three-input multiplexor with 32-bit inputs. Sets output Y equal to A if S=00, B if S=01, or C if S=10.	