

Module	MUX32_32	
Dependencies	Decoder_32, MUX2, MUX32	
Inputs	Name	Size (Bits)
	I0	32
	I1	32
	I2	32
	I3	32
	I4	32
	I5	32
	I6	32
	I7	32
	I8	32
	I9	32
	I10	32
	I11	32
	I12	32
	I13	32
	I14	32
	I15	32
	I16	32
	I17	32
	I18	32
	I19	32
	I20	32
	I21	32
	I22	32
	I23	32
	I24	32
	I25	32
	I26	32
	I27	32
	I28	32
	I29	32
	I30	32
	I31	32
	S	5
Outputs	Name	Size (Bits)
	Y	32
Description	32-input multiplexor with 32-bit inputs. S is a five-bit value (0 to 31). Output Y is set to input number designated by S (0 to 31).	