

Module	OneBitAdder	
Dependencies	None	
Inputs	Name	Size (Bits)
	Ci	1
	A	1
	B	1
Outputs	Name	Size (Bits)
	Co	1
	S	1
Description	Computes $Ci + A + B$ . Stores two-bit result in Co and S; Co is the first bit and S is the second	