



A	B	Ci	Co	S
0	0	0	0	0
0	0	1	0	1
0	1	0	0	1
0	1	1	1	0
1	0	0	0	1
1	0	1	1	0
1	1	0	1	0
1	1	1	1	1

$$S = \bar{A} \bar{B} Ci + \bar{A} B \bar{Ci} + A \bar{B} \bar{Ci} + A B C$$

$$Co = \bar{A} B Ci + A \bar{B} Ci + A B \bar{Ci} + A B Ci$$

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Sheet: /

File: 07-full-adder.sch

Title: Full Adder Using SOP Implementation

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