Pass Logic

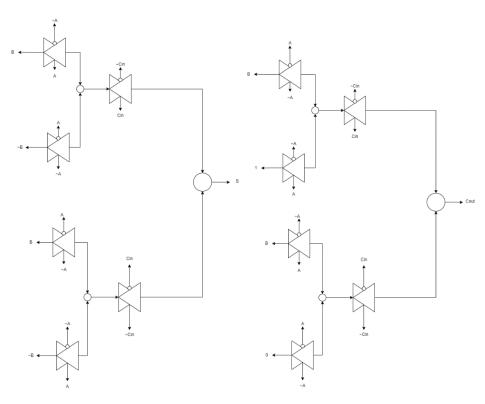
Shannon Expansion

 $S = Cin. (^A.^B + A.B) + ^Cin. (^A.B + A.^B)$

Cout = Cin . $(A.1 + ^A.B) + ^Cin.(A.B + ^A.0)$

Transmission Gates S and Cout

S Cout



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