

4008B

4-BIT BINARY FULL ADDER

DESCRIPTION – The 4008B is a 4-Bit Binary Full Adder with two 4-bit Data Inputs (A_0 - A_3 , B_0 - B_3); a Carry Input (C_0), four Sum Outputs (S_0 - S_3) and a Carry Output (C_4).

The 4008B uses full lookahead across 4-bits to generate the Carry Output (C_4). This minimizes the necessity for extensive "lookahead" and carry-cascading circuits.

- CARRY LOOKAHEAD BUFFERED OUTPUT
- EASILY CASCADED

PIN NAMES

A_0 - A_3 , B_0 - B_3	Data Inputs
C_0	Carry Input
S_0 - S_3	Sum Outputs
C_4	Carry Output



