

4560B

BCD ADDER

yes

DESCRIPTION — The 4560B is a BCD 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 4560B uses full lookahead across 4-bits to generate the Carry Output (C_4). This minimizes the necessity for extensive "lookahead" and carry-cascading circuits.

In connection with the 4561B, 9's Complementer, a configuration for subtracting two BCD numbers can also be attained.

- FULLY CARRY LOOKAHEAD ACROSS FOUR BITS
- EASILY CASCADED

PIN NAMES	FUNCTION
A_0, B_0, A_1, B_1	Data Inputs
A_2, B_2, A_3, B_3	Data Inputs
C_0	Carry Input
S_0 - S_3	Sum Outputs
C_4	Carry Output

