V_{CC1} = Pin 1
V_{CC2} = Pin 16
V_{EE} = Pin 8

P_D = 300 mW typ/pkg (No Load)
t_{pd} = 3.0 ns typ (Carry, Propagate)
       4.0 ns typ (Generate)

Look-Ahead Carry Block

The MC10179 device has 12 low power gates internally connected to perform the lock-ahead carry function. This device has high Σ input pulldown resistors and open emitter outputs. This device has applications in fast look-ahead adders such as with the MC10181. It can be used also as a boolean function generator.