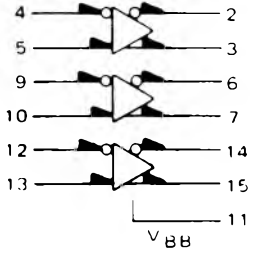

V_{CC1} = Pin 1
V_{CC2} = Pin 16
V_{EE} = Pin 8

P_D = 100 mW typ/pkg (No Load)
t_{pd} = 1.8 ns typ (Single ended)
= 1.5 ns typ (Differential)

High Speed Triple Line Receiver

The MC10216 is a high speed triple differential amplifier designed for use in sensing differential signals over long lines. The base bias supply (V_{BB}) is made available at pin 11 to make the device useful as a Schmitt trigger, or in other applications where a stable reference voltage is necessary.

Active current sources provide the MC10216 with excellent common mode noise rejection. If any amplifier in a package is not used, one input of that amplifier must be connectet to V_{BB} (pin 11) to prevent upsetting the current source bias network.

Complementary outputs are provided to allow driving twisted pair lines, to enable cascading of several amplifiers in a chain, or simply to provide complement outputs of the input logic function.