



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

t_{pd} = 2.0 ns typ
 P_D = 110 mW typ/pkg (No Load)

Quad Line Receiver

The MC10115 is a quad differential amplifier designed for use in sensing differential signals over long lines. The base bias supply (V_{BB}) is made available at pin 9 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 MC10115 with excellent common mode noise rejection. If any amplifier in a package is not used, one input of that amplifier must be connected to V_{BB} (pin 9) to prevent upsetting the current source bias network.