V_{CC1} = Pin 1
V_{CC2} = Pin 16
V_{EE} = Pin 8
V_{SS} = Pin 9 Translator
V_{CC} = Pin 9 Receiver

P_D = 215 mW typ/pkg (No Load)
t_{pd} = 2.5 ns typ (50%/o to − 1.5 Vdc out)

Quad MST to MECL 10,000 Translator

The MC10190 is a quad translator for interfacing from IBM MST-type logic signals to standard MECL 10,000 logic levels. This circuit features differential inputs for high noise environments or may be used with single ended lines by tieing one of the inputs to ground. Since the MC10190 is designed to accept signals centered around ground, it is a useful interface element for many communication systems. When pin 9 is connected to V_{CC} the circuit becomes a line receiver for MECL signals.