

54F/74F779

8-Bit Bidirectional Binary Counter with TRI-STATE® Outputs

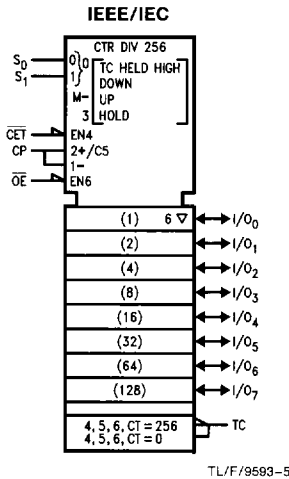
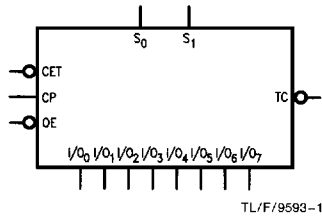
General Description

The 'F779 is a fully synchronous 8-stage up/down counter with multiplexed TRI-STATE I/O ports for bus-oriented applications. All control functions (hold, count up, count down, synchronous load) are controlled by two mode pins (S_0 , S_1). The device also features carry lookahead for easy cascading. All state changes are initiated by the rising edge of the clock.

Features

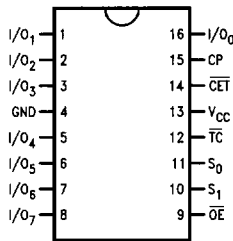
- Multiplexed TRI-STATE I/O ports
- Built-in lookahead carry capability
- Count frequency 100 MHz typ
- Supply current 80 mA typ

Logic Symbols



Connection Diagrams

Pin Assignment for DIP, SOIC and Flatpak



Pin Assignment for LCC and PCC

