

Multimode (LVD/SE) SCSI 9 Line Terminator

FEATURES

- Auto Selection Multi-Mode Single Ended or Low Voltage Differential Termination
- 2.7V to 5.25V Operation
- Differential Failsafe Bias
- Built-in SPI-3 Mode Change Filter Delay
- Master/Slave Inputs
- Supports Active Negation
- Standby (Disable Mode) 5 μ A
- 3pF Channel Capacitance

DESCRIPTION

The UCC5672 Multi-Mode Low Voltage Differential and Single Ended Terminator is both a single ended terminator and a low voltage differential terminator for the transition to the next generation SCSI Parallel Interface (SPI-3). The low voltage differential is a requirement for the higher speeds at a reasonable cost and is the only way to have adequate skew budgets.

The UCC5672 is SPI-3, SPI-2, SPI and Fast-20 compliant. This device comes in a TSSOP package to minimize the footprint.

BLOCK DIAGRAM

