

## High-Speed, Four-Channel Differential Line Driver

### PRODUCT DESCRIPTION

The MS2574/MS2574T/MS2574SS is a high-speed, low power dissipation four-channel line driver, which is applied to equilibrium or non-equilibrium digital data transmission. Tri-state outputs can drive twisted-pair or parallel dual-line transmission and maintain high impedance state when in power-down state. The four drivers all have enable functions, which support two optional inputs: active high (G) and active low (GN).

The MS2574 is available in SOP16 package, the MS2574T is available in TSSOP16 package and the MS2574SS is available in SSOP16 package.

### FEATURES

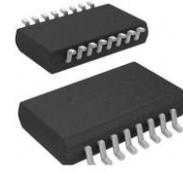
- Transmission Rate: 50MHz
- Complementary Output
- Output Driver:  $\pm 50\text{mA}$
- Power Supply: 3.0V-5.5V
- Tri-state Outputs
- Fail-safe for Open Output
- Bus Terminal ESD:  $\pm 18\text{kV}$  (HBM)
- SOP16, TSSOP16, SSOP16 Package

### APPLICATIONS

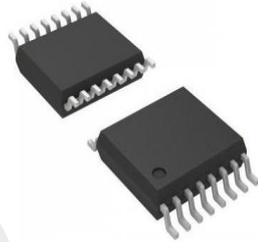
- Reliability Automotive Applications
- Factory Automation Equipment
- Motor Encoder
- AC and Servo Motor Driver

### PRODUCT SPECIFICATION

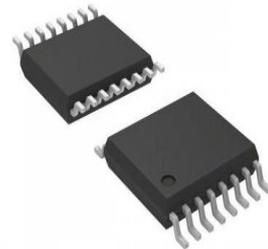
Part Number	Package	Marking
MS2574	SOP16	MS2574
MS2574T	TSSOP16	MS2574T
MS2574SS	SSOP16	MS2574SS



SOP16



TSSOP16



SSOP16