

TLC372CPS デュアル汎用 LinCMOS™ 差動コンパレータ

Number of channels (#) 2

Output type Open Collector

Propagation delay time (μ s) 0.2

Vs (Max) (V) 16

Vs (Min) (V) 3

Vos (offset voltage @ 25 C) (Max) (mV) 5

Iq per channel (Typ) (mA) 0.075

Input bias current (+/-) (Max) (nA) 0.03

Rail-to-rail Out

Rating Catalog

Operating temperature range (C) -40 to 125, -40 to 85, -55 to 125, 0 to 70

Features —

VICR (Max) (V) 15

VICR (Min) (V) 0

特長

Single or Dual-Supply Operation

Wide Range of Supply Voltages 2 V to 18 V

Low Supply Current Drain 150 μ A Typ at 5 V

Fast Response Time . . . 200 ns Typ for TTL-Level Input Step

Built-in ESD Protection

High Input Impedance . . . 1012 Ω Typ

Extremely Low Input Bias Current 5 pA Typ

Ultrastable Low Input Offset Voltage

Input Offset Voltage Change at Worst-Case Input Conditions

Typically 0.23 μ V/Month, Including the First 30 Days

Common-Mode Input Voltage Range Includes Ground

Output Compatible With TTL, MOS, and CMOS

Pin-Compatible With LM393

■Ti社の意向により、データシートの掲載を終了いたしました。

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