

Product Overview

MC100ELT24: Translator, TTL to Differential ECL

For complete documentation, see the data sheet.

The MC10ELT/100ELT24 is a TTL to differential ECL translator. Because ECL levels are used a +5V, -5.2V (or -4.5V) and ground are required. The small 8-lead package and the single gate of the ELT24 makes it ideal for those applications where space, performance and low power are at a premium.

The 100 Series contains temperature compensation.

Features

- 0.8 ns TPHL, 0.95 ns TPLH Typical Propagation Delay
 - PNP TTL Inputs for Minimal Loading
 - Flow Through Pinouts
 - ESD Protection: >4 KV HBM, >200 V MM
 - Operating Range: V_{CC} = 4.5 V to 5.5 V; V_{EE} = -4.2 V to -5.5 V with GND = 0 V
 - Meets or Exceeds JEDEC Spec EIA/JESD78 IC Latchup Test
 - Moisture Sensitivity Level 1
For Additional Information, see Application Note AND8003/D
 - Flammability Rating: UL-94 code V-0 @ 1/8", Oxygen Index 28 to 34
 - Transistor Count = 51 devices
 - Pb-Free Packages are Available
- For more features, see the data sheet

For more information please contact your local sales support at www.onsemi.com.

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