

Product Overview

MC10H604: Registered Hex TTL/ECL Translator

For complete documentation, see the data sheet.

The MC10H/100H604 is a 6-bit, registered, dual supply TTL to ECL translator. The device features differential ECL outputs as well as a choice between either a differential ECL clock input or a TTL clock input. The asynchronous master reset control is an ECL level input. With its differential ECL outputs and TTL inputs the H604 device is ideally suited for the transmit function of a HPPI bus type board-to-board interface application. The on chip registers simplify the task of synchronizing the data between the two boards. The device is available in either ECL standard: the 10H device is compatible with MECL 10KH logic levels while the 100H device is compatible with 100K logic levels.

Features

- Differential 50W ECL Outputs
- Choice Between Differential ECL or TTL Clock Input
- Dual Power Supply
- Multiple Power and Ground Pins to Minimize Noise
- Specified Within-Device Skew
- Pb-Free Packages are Available

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

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