Quad GTL/GTL+ to LVTTL/TTL Bidirectional Non-Latched Translator

GTL2005PW

Archived

This page contains information on a product that is no longer manufactured (discontinued). Specifications and information herein are available for historical reference only.

Last Updated: Feb 6, 2025

GTL2005PW device is "End of Life", please use the replacement part GTL2014PW

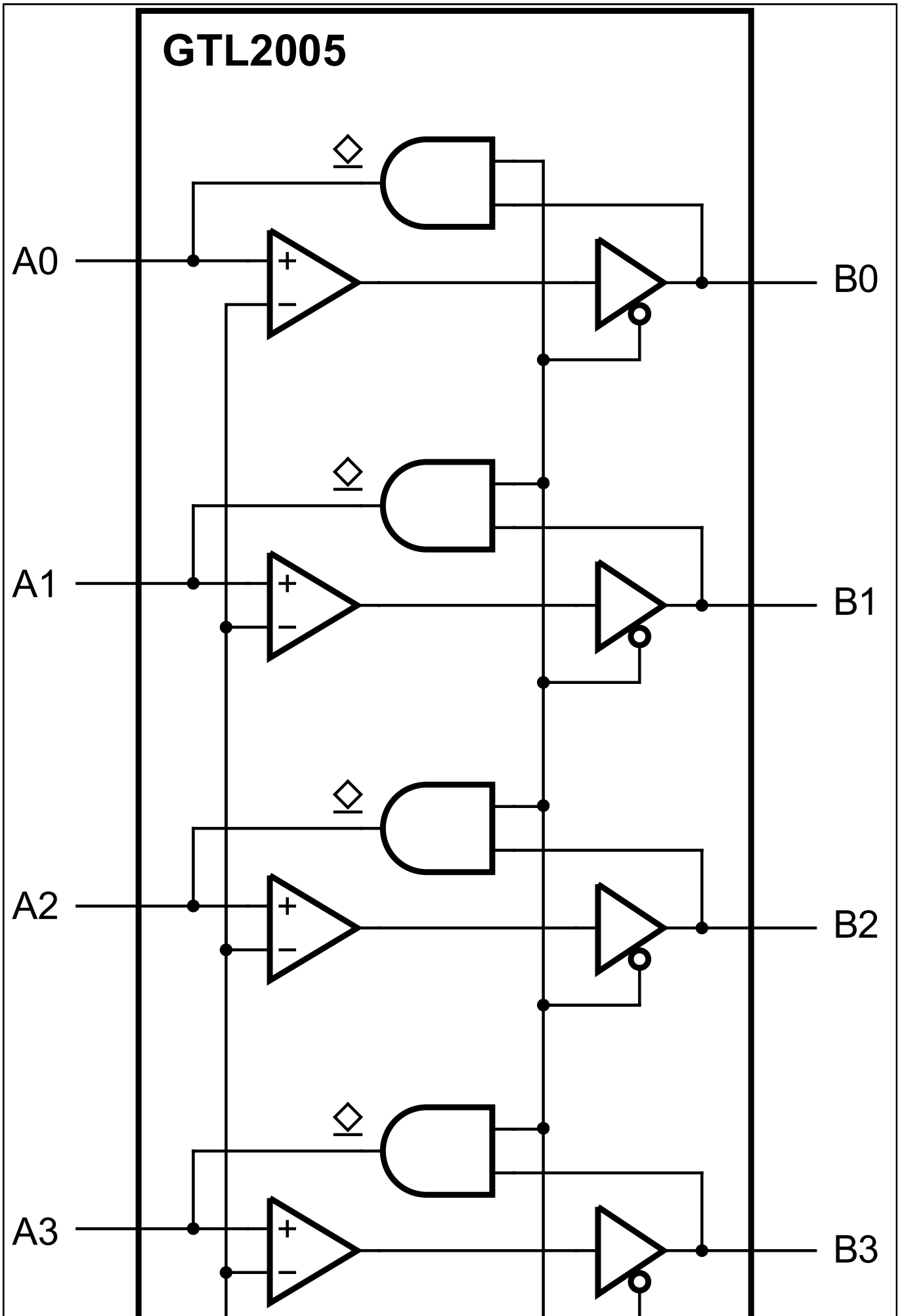
The GTL2005 is a quad translating transceiver designed for 3.3 V system interface with a GTL/ GTL+ bus.

The direction pin (DIR) allows the part to function as either a GTL-to-TTL sampling receiver or as a TTL-to-GTL interface.

The GTL2005 LVTTL interface is tolerant up to 5.5 V allowing direct access to TTL or 5 V CMOS outputs.

The GTL2005 Vref linearity degrades below 0.8 V (see Section 10.1). If the application allows, use the GTL2014, otherwise more closely review noise margins.

Quad GTL/GTL+ to LVTTL/TTL Bidirectional Non-Latched Translator Block Diagram


GTL2005
A0
A1
A2
A3
B0
B1
B2
B3

View additional information for Quad GTL/GTL+ to LVTTL/TTL Bidirectional Non-Latched Translator.

Note: The information on this document is subject to change without notice.