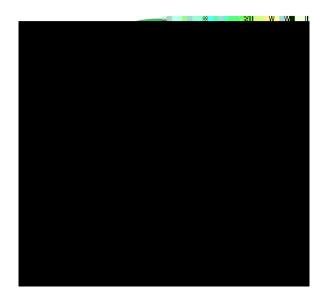


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Please note: As part of the Fairchild Semiconductor integration, some of the Fairchild orderable part numbers will need to change in order to meet ON Semiconductor's system requirements. Since the ON Semiconductor product management systems do not have the ability to manage part nomenclature that utilizes an underscore (_), the underscore (_) in the Fairchild part numbers will be changed to a dash (-). This document may contain device numbers with an underscore (_). Please check the ON Semiconductor website to verify the updated device numbers. The most current and up-to-date ordering information can be found at www.onsemi.com. Please email any questions regarding the system integration to Fairchild questions@onsemi.com.

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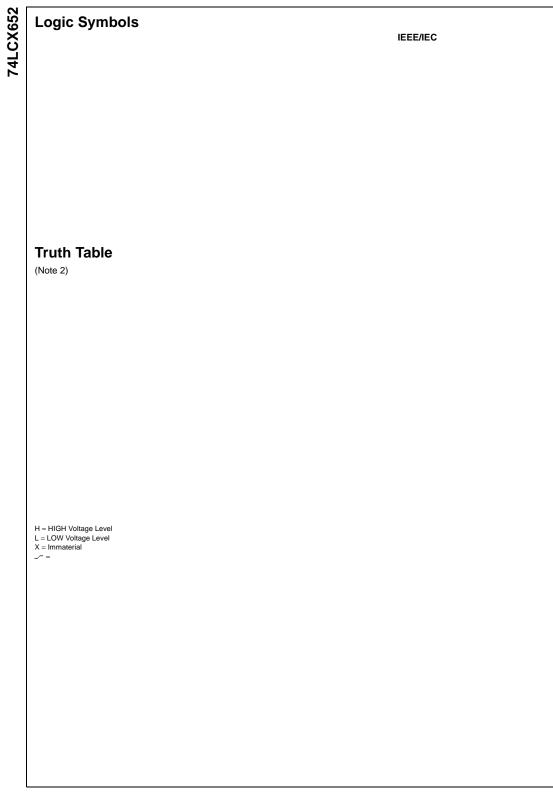
February 1994 Revised March 2001

74LCX652 Low Voltage Transceiver/Register with 5V Tolerant Inputs and Outputs

General Description

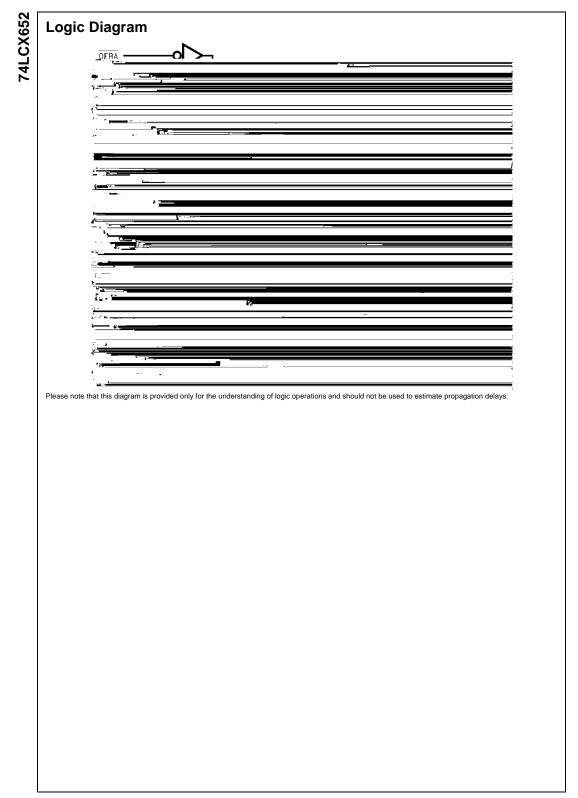
The LCX652 consists of bus transceiver circuits with Dtype flip-flops, and control circuitry arranged for multiplexed transmission of data directly from the input bus or from

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Functional Description

74LCX652



Absolute Maximum Ratings(Note 3)

Symbol V_{CC}

Parameter Supply Voltag(I)-54 Ma

Value Conditions ValNott(o)--0.1(s)-11.4()-33.9(nus)-15s

74LCX652

Units

Recommended Operating Conditions (Note 5)

Note 3: The Absolute Maximum Ratings are those values beyond which the safety of the device cannot be guaranteed. The device should not be operated at these limits. The parametric values defined in the Electrical Characteristics tables are not guaranteed at the Absolute Maximum Ratings. The "Recommended Operating Conditions" table will define the conditions for actual device operation.

Note 4: I_O Absolute Maximum Rating must be observed.

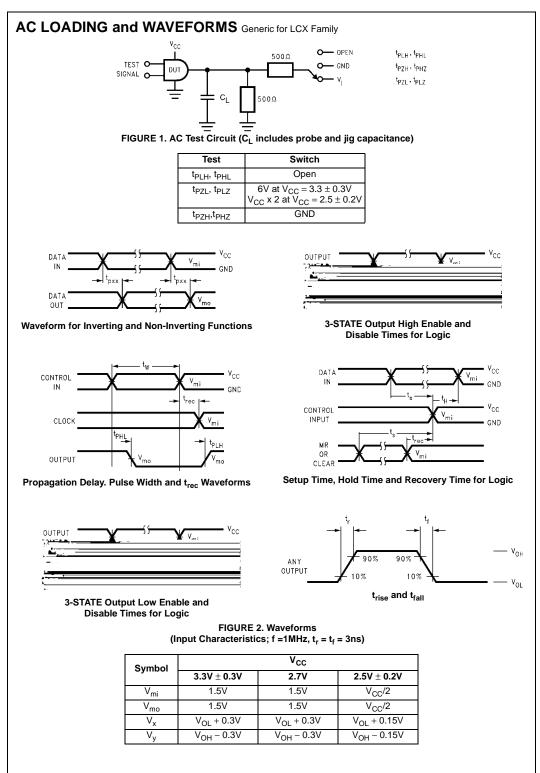
Note 5: Unused inputs or I/Os must be held HIGH or LOW. They may not float.

DC Electrical Characteristics

74LCX652

DC Electrical Characteristics (Continued)

Note 6: Outputs disabled or 3-STATE only.



74LCX652

