

signetics

BCD-TO-SEVEN SEGMENT DECODER/DRIVER

N7446-B • N7447-B

DIGITAL 54/74 TTL SERIES

DESCRIPTION

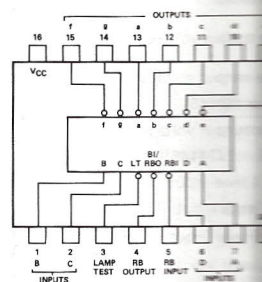
The 7446 and 7447 BCD-to-Seven Segment Decoder/Driver are TTL monolithic devices consisting of the necessary logic to decode a BCD code to seven segment readout plus selected signs.

Incorporated in this device is a blanking circuit allowing leading and trailing zero suppression. Also included is a lamp test control to turn on all segments.

The 7446 and 7447 provide bare collector output transistors for directly driving lamps. The output transistor breakdown of the 7446 is 30 volts and the 7447 is 15 volts.

PIN CONFIGURATION

B PACKAGE



LOGIC DIAGRAM

