

**Not Recommended
For New Designs
See 82C82/82C83H**

Features

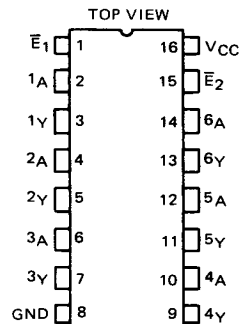
- SINGLE POWER SUPPLY
- HIGH NOISE IMMUNITY
- INDUSTRIAL AND MILITARY GRADES
- DRIVE CAPACITY 300pF
- SOURCE CURRENT 4mA
- SINK CURRENT 6mA
- PROPAGATION DELAY 45nsec MAX.

Description

The HD-6495 is a self aligned silicon gate CMOS Three-State buffer driver. The circuit consists of 6 non-inverting buffers with separate inputs and outputs which permit this driver to be used for bi-directional or uni-directional busing. A high on either Three-State control line \bar{E}_1 or \bar{E}_2 will force the drivers to the high impedance mode.

Outputs guaranteed valid at VCC 2.0V for Battery Backup Applications.

Pinout

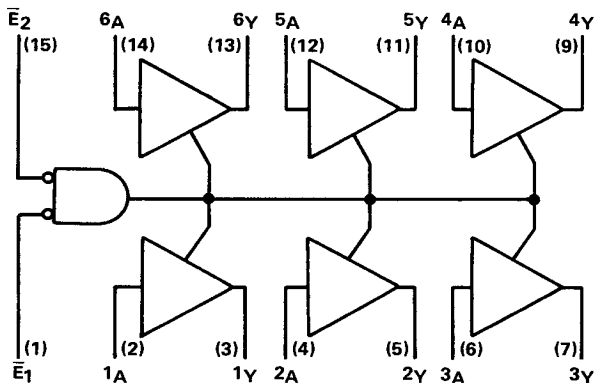


Truth Table

CONTROL INPUTS		INPUT	OUTPUT
\bar{E}_1	\bar{E}_2	A	Y
L	L	L	L
L	L	H	H
L	H	X	HI-Z
H	L	X	HI-Z
H	H	X	HI-Z

X = DON'T CARE
HI-Z = HIGH IMPEDANCE

Functional Diagram



CAUTION: Electronic devices are sensitive to electrostatic discharge. Proper I.C. handling procedures should be followed.