

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

Features

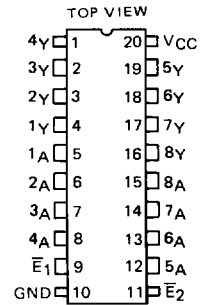
- SINGLE POWER SUPPLY
- HIGH NOISE IMMUNITY
- INDUSTRIAL AND MILITARY GRADES
- DRIVE CAPACITY 300pF
- SOURCE CURRENT 6mA
- SINK CURRENT 9mA
- PROPAGATION DELAY 55nsec MAX.

Description

The HD-6436 is a self-aligned silicon gate CMOS Three State buffer driver. The circuit consists of 8 noninverting 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 $V_{CC} = 2.0V$ 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

L = Low, H = High
X = Don't Care
Hi-Z = High Impedance

Functional Diagram

