



Himax

HX8606A

240/256 Channel TFT Gate Driver

PRELIMINARY

April 2002, Version 01

1. General Description

The HX8606A is a 240, 256 channel output gate driver used for driving the gate electrode of TFT LCD panel. It is designed for 2-level output with maximum +40V output driving voltage. This device is applicable for a wide range of panel resolution including VGA, XGA, SXGA, UXGA and QXGA.

2. Features

- 2-level output gate driver for TFT LCD panel
- 240, 256 channel output selectable
- Maximum +40V output driving voltage
- Bi-directional data shift capability
- 200KHz maximum operation frequency
- High voltage CMOS process technology
- Tape Carrier Package (TCP)
- Possible applications:

Panel type	Resolution	Output mode	Piece per panel
VGA	640 × 480	240 CH	2
XGA	1024 × 768	256 CH	3
SXGA	1280 × 1024	256 CH	4
UXGA	1600 × 1200	240 CH	5
	1920 × 1440	240 CH	6
QXGA	2048 × 1536	256 CH	6