



# HX8607A

## 256/263 Channel TFT Gate Driver

June 2003, Version 03

---

### 1. General Description

The HX8607A is a 256, 263 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 XGA, SXGA, SXGA+ and QXGA.

### 2. Features

- 2-level output gate driver for TFT LCD panel
- 256/263 channel output with 2 dummy output
- Maximum +40V output driving voltage
- Bi-directional data shift capability
- 200KHz maximum operation frequency
- High voltage CMOS process technology
- Chip On Glass (COG) , Chip On Film (COF)
- Possible applications:

Panel type	Resolution	Output mode	Piece per panel
XGA	1024 × 768	256 CH	3
SXGA	1280 × 1024	256 CH	4
SXGA+	1400 × 1050	263 CH	4
QXGA	2048 x 1536	256 CH	6