



HX8604

240 Channel TFT Gate Driver

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1. General Description

The HX8604 is a 240 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, UXGA.

2. Features

- 2-level output gate driver for TFT LCD panel
- Maximum +40V output driving voltage
- Bi-directional data shift capability
- 200KHz maximum operation frequency
- 3.0V to 5.5V power supply voltage range
- High voltage CMOS process technology
- COG or COF
- Possible applications:

Panel type	Resolution	Output mode	Piece per panel
VGA	640 × 480	240 CH	2
UXGA	1600 × 1200	240 CH	5
	1920 × 1440	240 CH	6