



# HX8912

## 12 Channel Rail-to-Rail Buffer Amplifier for TFT LCD

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### 1. General Description

The HX8912 is a 12 channel buffer amplifier that buffers reference voltages for gamma correction in a TFT LCD. This device contains 12 independent rail to rail input-output operation unity gain buffers with the benefits of precision and low power operation.

The HX8912 is available in a space saving 28-pin TSSOP or 32-pin TQFP package. It operates over a temperature range of -20 °C to +85 °C.

### 2. Features

- 12 channel operational amplifier in one package
- Single power supply
- Rail to rail operation
- Low power consumption
- CMOS process technology
- 28-pin TSSOP or 32-pin TQFP package