

EPP9694 is a 4-channel high performance, high voltage rail-to-rail buffer. It operates up to 20V. The device provides rail-to-rail output and common mode input capability beyond the rails, offering maximum dynamic range at any supply voltage.

EPP9694 also provides fast slew rate and settling times, and a high output drive capability of up to 800mA peak output current. The four amplifiers inside EPP9694 are ideal for use as voltage reference buffers in TFT-LCD panel applications for TVs, Monitors, PCs, Notebooks and Netbooks.

Features

- Beyond the rails input capability
- 800mA peak output current
- 35MHz – 3dB bandwidth
- Rail-to-rail output swing
- Power supply range from 4.5V to 20V
- Low supply current per amplifier: 2mA
- High slew rate: 50V/ μ s
- Unity-gain stable
- Protection
 - Over Temperature Protection (OTP)
 - Over Current Protection (OCP)
 - Output Short Protection (OSP)
- TSSOP-14 packaging
- RoHS compliant

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