

TV LCD Panel Multi-Channel high voltage Level-Shifter with Gate Pulse Modulator

Features

- High-Voltage Level Shifter
 - . 8-channel Outputs
 - . -16V ~ 43V Output Rails
 - . Gate Pulse Modulation Function
- Protections
 - . Short Circuit Protection
 - . Thermal Shutdown

Applications

- LCD TV and Monitor Panels

Description

The SM4804 consists of high-voltage level-shifters with the gate pulse modulator (GPM). The gate pulse modulator provides a modulated voltage synchronized with a clock signal. The high-voltage level-shifters with the GPM are fitted for capacitive loads and work well with panels that contain row drivers on the panel glass.

The device is optimized for thin-film transistor (TFT) liquid-crystal display (LCD) applications.

Device Information

Part	Package	Size
SM4804	28 QFN	5mm x 5mm

CONFIDENTIAL SM48TA Product Brief

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