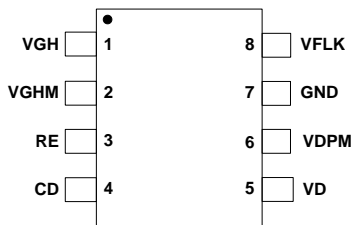


## 36V Gate Pulse Slicer for LCD Panel

### FEATURES

- Flicker compensator
- Power-on sequence control
- Operation from 10V to 36 supply voltage
- Operation up to 200kHz switching frequency
- 2 modes of Gate-On duration control
- Thermal shutdown (optional)
- SOP-8 package
- Rohs compliant and 100% Lead(Pb)-Free/Green

### SOP-8 PIN CONFIGURATION



### APPLICATIONS

- TFT LCD panel

### DESCRIPTION

The ANX7100 is a gate pulse slicer (gate pulse modulator) solution optimized for thin-film transistor (TFT) liquid crystal displays (LCDs).

The gate pulse slicer is a flicker compensation circuit to reduce the coupling effect of gate lines; the gate-shaping timing is controlled by the timing-controller to modulate the Gate-On voltage, VGHM. It also can delay the Gate-On voltage during power-on to achieve a correct power-on sequence for gate driver ICs. Both the power-on delay time and the falling time of the Gate-On voltage are programmable by external capacitor and resistor. There are 2 mode of ANX7100 to control the Gate-On duration; one is depending on VFLK logic-high period from timing-controller, the other is depending on the charging time of external capacitance.

The ANX7100 is available in a SOP-8 green package.

### ORDERING INFORMATION

Part Number	Package
ANX7100 ABS	SOP-8L