

EW9601 is a 16-channel high voltage level shifter, which converts the timing-controller (TCON) logic-level signals to high level signals needed by the gate-in-panel (GIP) display. EW9601 is available in the WQFN-32L 4x4 packaging, and is suitable for GIP TFT-LCD panels.

Level shifter is designed for generating a high voltage signal to drive the TFT-LCD panels. It provides 16 outputs (LS_STV1, LS_STV0, LC1, LC2, CLK1 ~ CLK10, LS_LVGL, LS_VGL) which are switching between LVGL/VGL and VGH, with capacitive loads up to 5nF. It also integrates reset function.

Features

- 16-Channel Level Shifter
- High Output Voltage Level -20V to 40V
- I²C Interface
- Programmable Phase Mode
 - Dual 4 Phase Mode
 - 6 Phase Mode
 - 8 Phase Mode
 - 10 Phase Mode
- Programmable OCP Function
 - OCP Level
 - OCP Detect Time
 - OCP Count
- Programmable Reset Function
- Programmable CLK Slew Rate
- Over Temperature Protection (OTP)
- Support 300-kHz Clock Operating Frequency
- 32-Pin 4mm x 4mm WQFN Packaging
- ROHS: Halogen Free

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