

■ **FEATURES**

- Wide supply voltage range 6.5V ~ 16V
- Rail-to-rail output swing (The highest two stage & lowest two stage)
- High slew rate 1V/μs
- GBWP 1 MHz
- 2 MHz -3dB Bandwidth
- Large Vcom Drive Current: ±100mA_(Max)
- Ultra-small Package TQFP-48

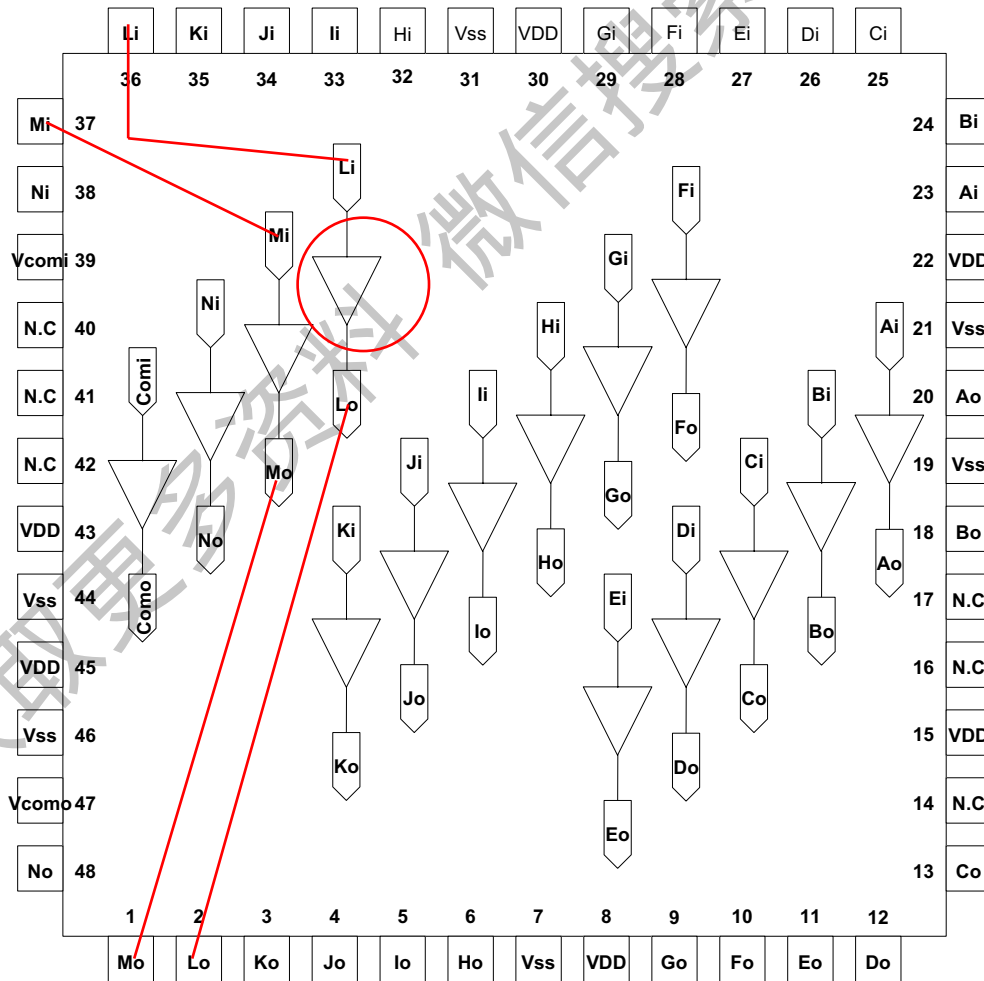
■ **APPLICATIONS**

- TFT-LCD Reference Driver

■ **GENERAL DESCRIPTION**

The EC5575 is a 14+1 channel voltage buffers that buffers reference voltage for gamma correction in a thin film transistor liquid crystal display (TFT LCD). This device incorporating a Vcom amplifier circuits, four rail to rail buffer amplifier circuits (the highest two stage and lowest two stage) and 10 buffer amplifiers circuits. The EC5575 is available in a space saving 48-pin TQFP package, and the operating temperature is from -20°C to +85°C.

■ **PIN ASSIGNMENT (E Type)**



A, B, M, N: Rail to Rail OPAMPs