

54ACQ/74ACQ821

Quiet Series 10-Bit D Flip-Flop with TRI-STATE® Outputs

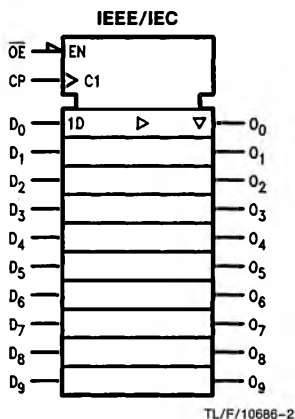
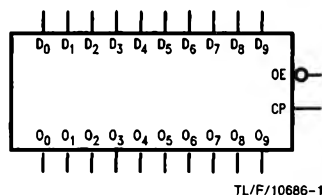
General Description

The 'ACQ821 is a 10-bit D flip-flop with non-inverting TRI-STATE outputs arranged in a broadside pinout. The ACQ821 utilizes NSC Quiet Series technology to guarantee quiet output switching and improved dynamic threshold performance. FACT Quiet Series™ features GTOT™ output control and undershoot corrector in addition to a split ground bus for superior performance.

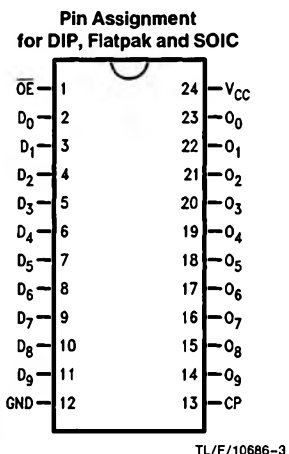
Features

- Guaranteed simultaneous switching noise level and dynamic threshold performance
- Guaranteed pin-to-pin skew AC performance
- Non-inverting TRI-STATE outputs for bus interfacing
- 4 kV minimum ESD immunity
- Outputs source/sink 24 mA
- Functionally identical to the AM29821

Logic Symbols



Connection Diagrams



Pin Names	Description
D_0 - D_9	Data Inputs
O_0 - O_9	Data Outputs
\overline{OE}	Output Enable Input
CP	Clock Input

