

# FSA2147 — Low-Voltage, DPST Analog Switch with Negative Signal Capability and Built-in Termination to Eliminate Pop

## Features

- Built-In Termination on Unselected Audio Paths Inhibits Audio Pop
- 6pF Typical Switch Off Capacitance
- 2.5Ω Typical On Resistance
- Negative-Swing-Capable
- Power-Off Protection
- Flow-Through Pin Out Eliminates PCB Vias

## Applications

- MP3 Player, Cell Phone, PDA, Digital Camera, and Notebook Computers

## Description

The FSA2147 is a Double-Pole, Single Throw (DPST) switch. The audio path defaults to audio mute and is enabled with /OE. The FSA2147 includes a power-off feature on the common port when  $V_{CC}=0V$  to guarantee signal isolation.

### IMPORTANT NOTE:

For additional performance information, please contact [analogswitch@fairchildsemi.com](mailto:analogswitch@fairchildsemi.com).

## Ordering Information

Part Number	Top Mark	Package Description
FSA2147K8X	2147	8-Lead US8, JEDEC MO-187, Variation CA, 3.0mm Wide Package

🌱 All packages are lead free per JEDEC: J-STD-020B standard.

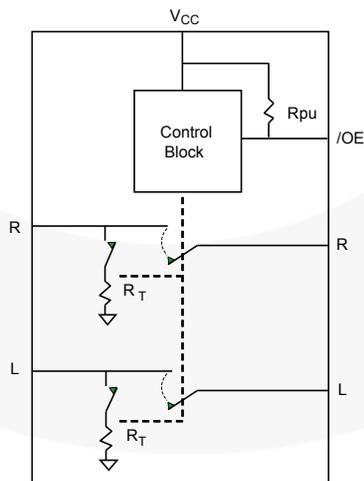


Figure 1. Analog Symbol



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