



January 2008

FSA2357 — Low R_{ON} 3:1 Analog Switch

Features

- 10 μ A Maximum I_{CCT} Current Over an Expanded Control Voltage Range: $V_{IN}=2.6V$, $V_{CC}=4.5V$
- On Capacitance (C_{ON}): 70pF Typical
- 0.55 Ω Typical On Resistance (R_{ON})
- -3db Bandwidth: > 120MHz
- Low Power Consumption (1 μ A maximum)
- Packaged in Pb-Free 14-Pin TSSOP and DQFN
- Priority Enable Control Circuitry

Applications

- HDMI 5V Power Routing, LCD Monitor, TV, and Set-Top Box
- Cell Phone, PDA, Digital Camera, and Notebook

Description

The FSA2357 is a Double-Pole, Triple Throw (DP3T) multiplexer that routes three dual-channel sources of data or audio under the control of three select pins. The FSA2357 features very low quiescent current, which allows mobile handset applications direct interface with the baseband processor general-purpose I/Os. Typical applications involve switching in portables and consumer applications, such as cell phones, digital cameras, and notebooks with hubs or controllers.

IMPORTANT NOTE:

For additional performance information, please contact analogswitch@fairchildsemi.com.

Ordering Information

Part Number	Top Mark	Packing Description
FSA2357BQX	2357	14-Terminal Depopulated very thin Quad Flat-pack No leads (DQFN) 2.5 x 3.0mm, JEDEC MO-241
FSA2357MTCX	FSA2357	14-Lead Thin Shrink Small Outline Package (TSSOP) 4.4mm wide, JEDEC MO-153

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

Analog Symbol

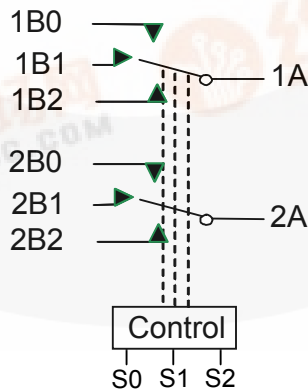


Figure 1. Analog Symbol



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