

Analog Switch Single DPDT 12-Pin UQFN T/R

Manufacturers	ON Semiconductor, LLC
Package/Case	12-UFQFN
Product Type	Interface ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for FSA2275UMX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FSA2275 is a high-performance, Double-Pole Double-Throw (DPDT) analog switch with negative swing audio capability. The FSA2275 features ultra-low audio RON of 0.5Ω (typical) at 2.5 V VCC. The FSA2275 operates over a VCC range of 2.5 V to 5.5 V, is fabricated with sub-micron CMOS technology to achieve fast switching speeds, and is designed for break-before-make operation. To minimize pop and click during operation, the turn on ramp time is selectable using an external capacitor (C_EXT). The FSA2275 features THD+N specifications that target a Hi-Fidelity audio quality into both 32 Ω headphones and line out type loads (>600 Ω).

Features

VDD Operating Range: 2.5 to 5.5 V

External Capacitor Connection for Pop and Click noise suppression

Power-Off Protection on Common

THD+ = 1 kHz

Off = 1 kHz

12-Lead UMLP 1.8 mm x 1.8 mm

Application

ONSEMI

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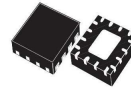
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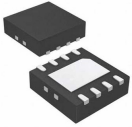
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