

Analog Switch ICs Dual SPST Depletion Mode Audio Switch with Negative Swing

Manufacturers	ON Semiconductor, LLC
Package/Case	9-UFBGA, WLCSP
Product Type	Interface ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for FSA553UCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FSA553 is a high-performance dual single-pole single-throw (SPST x 2) audio switch. The Depletion technology allows the device to conduct signals when there is no VCC available and to isolate signals when VCC is present. During signal conduction, the Depletion gate control allows the FSA553 to achieve excellent THD+N performance while consuming minimal power.

Features

null

Dual SPST Depletion Switch

Normally Closed when VCC < 0.2 V

Switches Configurable through Select Pins

VSW: -1.5 V to +1.5 V

RON: 0.4 Ω (Typical)

RFLAT < 0.01 Ω (Typical)

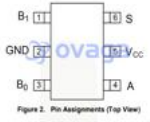
THD+N: -104 dB (Typical)

OIRR: -78 dB (Typical)

Application

ONSEMI

Related Products



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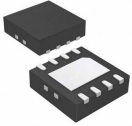
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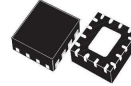
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MicroPak-6 Wide