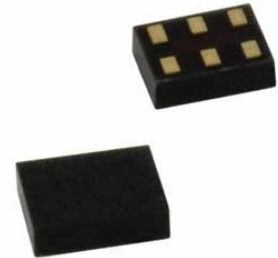


Low RON Low Voltage Dual SPST Analog Switch with Low ICCT "A" Option; Package: MicroPak; No of Pins: 8; Container: Tape & Reel, Multiplexer Switch ICs Low RON Low Voltage Dual SPST Analog

Manufacturers	ON Semiconductor, LLC
Package/Case	MicroPak-8
Product Type	Interface ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for FSA1257L8X or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FSA1256, FSA1256A, FSA1257, FSA1257A, FSA1258, and FSA1258A are high performance dual Single Pole/Single Throw (SPST) analog switches. All devices feature ultra low RON of 1.1Ω maximum at 4.5V VCC. The FSA1256, FSA1257, and FSA1258 operate over a wide VCC range of 1.65V to 5.5V. The FSA1256A, FSA1257A, and FSA1258A operation range is 2.7V to 5.5V. These devices are fabricated with sub-micron CMOS technology to achieve fast switching speeds and are designed for break-before-make operation. The select input is TTL level compatible. The FSA1256 and FSA1256A feature two Normally Open (NO) switches. The FSA1257 and FSA1257A feature two Normally Closed (NC) switches. The FSA1258 and FSA1258A have one NO switch and one NC switch.

Features

FSA1256A, FSA1257A, FSA1258A feature low ICCT when S Input is lower than VCC

Maximum 1.1Ω On Resistance (RON) for 4.5V supply

0.4Ω max RON flatness for 4.5V supply

Space saving Pb-Free MicroPak™ packaging

Broad VCC operating range:

FSA1256, FSA1257, FSA1258: 1.65V to 5.5V

FSA1256A, FSA1257A, FSA1258A: 2.7V to 5.5V

Fast turn-on and turn-off time

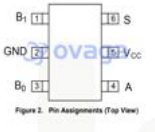
FSA1258, FSA1258A feature break-before-make enable circuitry

Over-voltage tolerant TTL compatible control input

Application

ONSEMI

Related Products



[FSA4159P6X](#)

ON Semiconductor, LLC
SC-70

[FSA5157P6X](#)



ON Semiconductor, LLC
SC-70-6

[FSA4157AP6X](#)



ON Semiconductor, LLC
SC-70-6

[FSA4157P6](#)



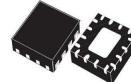
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[FSA1156P6X](#)



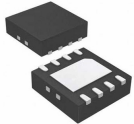
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