

## FSA646A Product Preview

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	WLCSP36 2.43x2.43x0.599
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FSA646AUCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The FSA646A can be configured as a four-data-lane MIPI, D-PHY switch or a three-data-lane MIPI, C-PHY switch. This single-pole, double-throw (SPDT) switch is optimized for switching between two high-speed or low-power MIPI sources. The FSA646A is designed for the MIPI specification and allows connection to a CSI or DSI module.

## Features

Switch Type: SPDT(10x)

Signal Types:

MIPI, D-PHY

VCC: 1.5 to 5.0 V

Input Signals: 0 to 1.3 V

RON:

6  $\Omega$  Typical HS MIPI

6  $\Omega$  Typical LP MIPI

RON\_FLAT: 0.9  $\Omega$  Typical LP & HS MIPI

ICCZ: 1  $\mu$ A Maximum

ICC: 30  $\mu$ A Typical

OIRR: -24 dB Typical

Bandwidth: 4.7 GHz Minimum

CON: 1.4 pF Typical

Xtalk: -30 dB Typical

Skew (P), Skew (O): 6 ps Typical

## Application

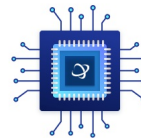
ONSEMI

## Related Products



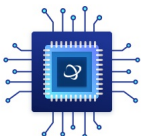
### [FSA636UCX](#)

ON Semiconductor, LLC  
WLCSP36 2.06x2.06x0.432



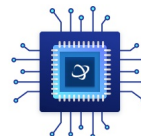
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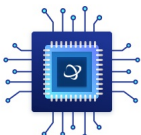
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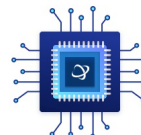
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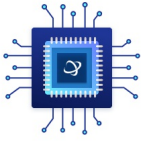
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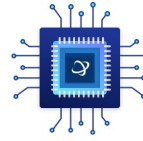
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