

Product Overview

FSA646: 2:1 MIPI D-PHY (2.5Gbps) 4-Data Lane Switch

For complete documentation, see the data sheet.

The FSA646 is a four-data-lane MIPI, D-PHY switch. This single-pole, double-throw (SPDT) switch is optimized for switching between two high-speed or low-power MIPI sources. The FSA646 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 Ω Typical HS MIPI
- 6 Ω Typical LP MIPI
- Δ RON: 0.1 Ω Typical LP & HS MIPI
- RON_FLAT: 0.9 Ω Typical LP & HS MIPI

For more features, see the data sheet

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channels	Number of Switches	Configuration	I_{CC} Max (μ A)	r_{ON} Max (Ω)	V_{CC} Min (V)	V_{CC} Max (V)	Package Type
FSA646UCX	0.8	Pb-free Halide free non AEC-Q and PPAP	Active	4	10	SPDT	30	-	1.5	5	WLCSP-36

For more information please contact your local sales support at www.onsemi.com.

Created on: 10/21/2020