

Product Overview

FUSB340: USB 3.1 SuperSpeed Data Switch, 10 Gbps

For complete documentation, see the data sheet.

The FUSB340 is a 2:1 data switch for USB SuperSpeed Gen1 and Gen2, 5 Gbps and 10 Gbps data. It is targeted at the mobile device market and for use in Type-C applications where a reversible cable requires a switch. The FUSB340 data switch offers superior performance various high speed data transmission protocols: USB 3.1 SuperSpeed (Gen 2), 10 GbpsPCI Express, Gen 3 SATA Fibre ChannelDisplay Port 1.3

Features

- 10 GHz Typical Bandwidth
- USB 3.1 SuperSpeed 5Gbps and10 Gbps Switch
- -1.0 dB Typical Insertion Loss at 2.5 GHz
- Low Active Power of 12 μ A Typical
- Low Shutdown Power of < 1 μ A Max.
- 2 kV HBM ESD Protection
- Small Packaging, 18 Lead TMLP
- Wide VDD Operating Range, 1.5 V-5.0 V

Applications

- This product is general usage and suitable for many different applications.

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channels	Number of Switches	Configurati on	I _{cc} Max (μ A)	r _{on} Max (Ω)	V _{CC} Min (V)	V _{CC} Max (V)	Package Type
FUSB340TMX	0.384	Pb-free Halide free non AEC-Q and PPAP	Active								X2QFN-18

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

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