

High Speed Switch for Mobile and Portable Applications

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	UQFN
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for USB3740T-I/ML-V01 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Microchip's USB3740 family of Hi-Speed USB switches were specifically designed to enable a range of applications to achieve single-port connectivity. Their design provides a substantial 1GHz of bandwidth, allowing for the passage of robust USB 2.0 signals. The USB3740 is a high-performance USB 2.0 switch providing excellent flexibility, with very low current consumption in an extremely small package. Coupled together, these features help solve a wide variety of common connectivity design challenges. Additionally, Microchip's complimentary and confidential USBCheck™ online design review service is available for customers who select the USB3740 for their application design-in.*

*The USBCheck online design review service is subject to Microchip's Program Terms and Conditions and requires a myMicrochip account.

Features

Highlights

Enables single port of connectivity in USB applications

30nA typical active/standby current

1GHz bandwidth for excellent signal integrity

15kV IEC capability for contact and air discharge

Simplified two pin control

Supports industrial temperature range (-40° to 85°C)

10-pin QFN, RoHS-compliant package

Target Applications

Smart phones

Televisions

Storage Drives

Headsets

Media Players

Tablets and Docking Stations

Bluetooth® Earpieces

MP3 Players

Industrial Products

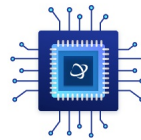


Related Products



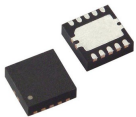
[TCHIP-USB-MX250F128B](#)

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[PD-3501G/AC-US](#)

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N/A



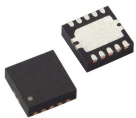
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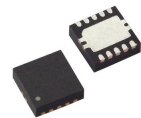
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TQFP-128



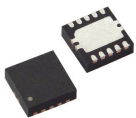
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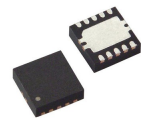
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[USB82512AM-A-V01](#)

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[USB7252CT/KDX](#)

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