
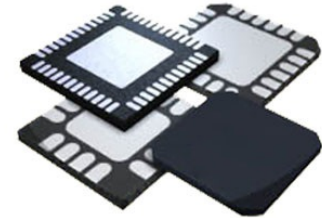


Flash Media Controller USB 2.0 Tray 48-Pin VQFN EP

Manufacturer:	Microchip Technology, Inc
Package/Case:	QFN
Product Type:	Interface ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

Microchip's USB264x/2660 family combines an ultra-fast interface between a USB host and today's most popular Flash media cards with a versatile, cost-effective and power-efficient 2-port Hi-Speed USB 2.0 hub controller. USB264x/2660 is designed for applications that demand low power, small footprint and reduced BOM without compromising performance or features.

Offering a high level of USB 2.0 compliance and interoperability, the USB264x/2660 family allows system designers the flexibility of independent access to a wide selection of Flash media readers and also provides additional downstream USB access ports.

Each device in the USB264x/2660 family consists of USB 2.0 device transceivers with 2-port hub functionality, a fast 8051 microprocessor and Memory Stick® (MS), xD-Picture Card™* (xD) and Secure Digital (SD) controllers in a single, fully-integrated chip. The USB2660 has an additional SD/MMC/eMMC port. This family of devices offers USB expansion ports as well as a Flash card media reader/writer capable of ultra high-performance operation. Average sustained transfer rates exceeding 35MB/s are possible if the media and host can support those rates.**

*Microchip makes the following part-numbered device available for purchase only by customers who are xD-Picture Card licensees: USB2640, USB2660. By purchasing or ordering any of such devices, Buyer represents, warrants, and agrees that Buyer is a duly licensed Licensee under an xD-Picture Card™ License Agreement with Fuji Photo Film Co., Ltd., Olympus Optical Co., Ltd., and Toshiba Corporation; and that Buyer will maintain in effect such xD-Picture Card license and will give Microchip reasonable advance notice of any termination or expiration of such xD-Picture Card license, but in no event less than five days advance notice. Microchip may discontinue making such devices available for purchase by Buyer and/or discontinue further deliveries of such devices if such xD-Picture Card license shall expire, terminate, or cease to be in force, or if Buyer is or becomes in default of such xD-Picture Card license.

**Results are based on actual measurements on evaluation platforms developed by Microchip, and are meant only as a general guideline, not as a guarantee.

Actual customer results may vary based on a number of factors, including board layout and measurement technique.

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

Key Features

Transaction translator in the hub supports operation of full-speed and low-speed peripherals

Enhanced EMI rejection and ESD protection performance

On-board 24MHz crystal driver circuit

Optional external 24MHz clock input

Up to 9 GPIOs for special functions

8051 8-bit Microprocessor

EEPROM update via USB

Recommended For You

USB3320C-EZK-TR

Microchip Technology, Inc

QFN32

USB3343-CP-TR

Microchip Technology, Inc

QFN24

USB3318-CP-TR

Microchip Technology, Inc

QFN24

USB2513B-I/M2

Microchip Technology, Inc

QFN36

USB3315

Microchip Technology, Inc

QFN

USB2504-JT

Microchip Technology, Inc

QFP64

USB3318

Microchip Technology, Inc

QFN

USB3318C-CP-TR

Microchip Technology, Inc

QFN24

USB3340-EZK-TR

Microchip Technology, Inc

QFN32

USB2422T-I/MJ

Microchip Technology, Inc

SQFN24

USB3503AI-I-GL-TR

Microchip Technology, Inc

WLCSP25

USB2660I-JZX-03

Microchip Technology, Inc

QFN

USB2507-ADT

Microchip Technology, Inc

QFP

USB2641-HZH-02

Microchip Technology, Inc

QFN

USB3317C-CP-TR

Microchip Technology, Inc

QFN24