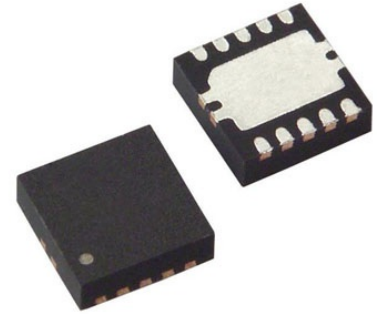


Low Speed/Full Speed/High Speed/Super Speed Hub Controller USB 2.0/USB 3.0 3.3V  
Tray 72-Pin VQFN EP

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	VQFN-72
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for USB5537B-5000AKZE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

Microchip's USB553xB hub controllers are 2/3/4/7-port, SuperSpeed (SS)/Hi-Speed (HS), low-power, configurable and fully-compliant with the USB 3.0 specification. The USB553xB also support Full Speed (FS) and Low Speed (LS) USB signaling, offering complete coverage of all defined USB operating speeds. The SuperSpeed hub controller (available on 4 of the 7 ports for the USB5537B) operates in parallel with the USB 2.0 controller, so 5Gbps SuperSpeed data transfers are not affected by slower USB 2.0 traffic.

## Features

Not Recommended for new designs - See USB5807C

Seven downstream USB ports (4xUSB3.0, 3xUSB2.0)

Designed for low-power operation and low thermal dissipation

On-chip 8051  $\mu$ C manages GPIOs, VBUS, and other hub signals

Configuration via on-chip programmable ROM, SPI ROM or SMBus

Manufacturing line and field update capabilities

Power management capability on GPIO/LED pins

One-Time Programmable (OTP) ROM (8 kbit), including on-chip charge pump

IETF RFC 4122 compliant 128-bit UUID

Compatible with Microsoft® Windows® 8 and other major OS's

72-pin, low-cost QFN packages enable 2-layer PCB design

## Related Products



### [USB2512B-AEZG-TR](#)

Microchip Technology, Inc  
VQFN-36



### [USB3250-ABZI](#)

Microchip Technology, Inc  
VQFN-56



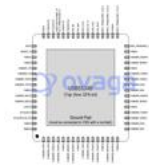
### [USB2513B-AEZC](#)

Microchip Technology, Inc  
VQFN-36



### [USB2504A-JT](#)

Microchip Technology, Inc  
LQFP-64



### [USB5534B-5000JZX](#)

Microchip Technology, Inc  
QFN-64



### [USB2514B-AEZG](#)

Microchip Technology, Inc  
VQFN-36



### [USB2512-AEZG](#)

Microchip Technology, Inc  
VQFN-36



### [USB2514-HZH](#)

Microchip Technology, Inc  
VQFN-48