

PRODUCT IDENTIFICATION SYSTEM

The USB251xB/xBi is available in a 36-pin SQFN (preferred) and 36-pin QFN (legacy) package. For new designs, the 36-pin SQFN is recommended. The ordering code information varies dependent on the package selected. The following sub-sections detail the product identification system for the 36-pin SQFN (preferred) and 32-pin QFN (legacy). To order or obtain information, e.g., on pricing or delivery, refer to the factory or the listed sales office.

36-Pin SQFN (Preferred)

PART NO.	[X] ⁽¹⁾	[-X]	/	XX	Examples:
Device	Tape and Reel Option	Temperature Range		Package	
Device: USB2512B = 2-Port USB 2.0 Hub USB2513B = 3-Port USB 2.0 Hub USB2514B = 4-Port USB 2.0 Hub	Tape and Reel Option: Blank = Standard packaging (tray) T = Tape and Reel (Note 1)	Temperature Range: Blank = 0°C to +85°C (Extended Commercial) I = -40°C to +85°C (Industrial)		Package: M2 = 36-pin SQFN	a) USB2512B/M2 2-Port USB hub, Tray, Extended commercial temp, 36-pin SQFN b) USB2514BT-I/M2 4-Port USB hub, Tape & reel, Industrial temp., 36-pin SQFN
					Note 1: Reel size is 3,000 pieces. Tape and Reel identifier only appears in the catalog part number description. This identifier is used for ordering purposes and is not printed on the device package. Check with your Microchip Sales Office for package availability with the Tape and Reel option.

36-Pin QFN (Legacy)

Order Numbers*	ROHS Compliant Package	Package Size (mm)	Temperature Range
USB2512B-AEZG USB2513B-AEZC USB2514B-AEZC	36-QFN	6x6	0°C to 85°C
USB2512BI-AEZG USB2513BI-AEZG USB2514BI-AEZG			-40°C to 85°C

* Add "-TR" to the end of any QFN order number to order tape and reel. Reel size is 3,000 pieces.

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