FCT Bus Switch Cross Reference Guide

High-Speed Computing Communications

IDT is the leader in Digital Logic Fast CMOS Technology (FCT) technology and Bus Switch solutions for communications and computing applications. We have a long term product support commitment and decades of customer service and satisfaction.

BUS SWITCH CAPABILITIES

- 3.3 V and 5 V switching solutions
- Hot-swapping, isolation, bidirectional, high bandwidth quad to 32 bit
- 0 to 5 V rail-to-rail switching
- 5 V parts can convert to 3.3 V
- Analog switching

DIGITAL LOGIC OFFERINGS

- 3.3 V and 5 V options
- Military 5962-xxxxxx & 54FCT-xxxxxx
- Buffers, drivers, transceivers, bus drivers, latches
- Quad, octal, double-density (16 bit), and 32 bit

TYPICAL END APPLICATIONS

- Blade Servers
- Industrial Systems
- Commercial and Military Avionics

NOTE: All IDT Logic device/packages are supported in RoHS compliant green packages as well as Black packages for military grade.

Bus Switch

Pericom Part Number	TI Part Number	IDT Part Number
PI3C3125	SN74CBTLV3125	74CBTLV3125
PI3C3245	SN74CBTLV3245	74CBTLV3245
PI3B3251	SN74CBTLV3251	74CBTLV3251
PI3B3257	SN74CBTLV3257	74CBTLV3257
PI5C3257	SN74CBT3257	QS3257
PI5C32X245		QS32X245
PI3B32X245		QS32XVH245
	SN74CBT3383	QS3383
PI5C3861	SN74CBT3861	QS3861
PI3B125	SN74CB3Q3125	QS3VH125
PI3B126		QS3VH126
PI3B16233		QS3VH16233
	SN74CB3Q244	QS3VH244
PI3B3245	SN74CB3Q245	QS3VH245
PI3B3253	SN74CB3Q253	QS3VH253
PI3B3257	SN74CB3Q257	QS3VH257

Fast CMOS Technology

Pericom Part Number	TI Part Number	IDT Part Number
PI74FCT16244	CY74FCT162244	74FCT163244
	CY74FCT16245	74FCT16245
	CY74FCT16373	74FCT163373
	CY74FCT16374	74FCT163374

For a complete cross reference of all of our Bus Switches and other IDT products visit: **idt.com/support/cross-reference**

To request samples, download documentation, or learn more visit: **idt.com/go/bus | idt.com/go/FCT**

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