

TSI382A Active

PCIe to PCI Bridge

The Tsi382 provides a high performance, small footprint bridge from single lane PCI Express to 32 bit PCI. The device's PCI interface can operate up to 66 MHz. Three types of addressing modes are supported; transparent, opaque and non-transparent, giving designers flexibility.

Features

- PCI Express (x1) to PCI forward bridge
- Superior performance, low latency
- Clock and arbitration pins for up to 4 PCI devices
- Non-transparent bridging support
- Smallest form factor 10x10mm BGA package
- 20x20mm LQFP package option

Product Options

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Orderable Part ID	Part Status	Pkg. Code	Pkg. Type	Lead Count (#)	Temp. Grade	Pb (Lead) Free	Carrier Type	Buy Sample
TSI382A-66CQY	Active	DAG176	TQFP	176	C	Yes	Tray	Availability
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Technical Documentation

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Title	Other Languages	Type	Format	File Size	Date
User Guides & Manuals					
Tsi382A Evaluation Board Release Notes 5V_Universal	-	Manual - Eval Board	PDF	364 KB	Jan 27, 2010
Tsi382A User Manual	-	Manual	PDF	1.84 MB	Apr 16, 2014
Tsi382A Evaluation Board Release Notes 3.3V_Universal	-	Manual - Eval Board	PDF	344 KB	Jan 27, 2010
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PCNs & PDNs					
PDN# : CQ-14-06R1 Revised Product Discontinuance Notice	-	Product Discontinuation Notice	PDF	407 KB	Sep 7, 2014
PDN# : CQ-14-06 MANUFACTURING DISCONTINUANCE NOTICE	-	Product Discontinuation Notice	PDF	192 KB	Sep 3, 2014
Other					
IDT PCI Express Solutions Overview	日本語, 简体中文	Overview	PDF	768 KB	Apr 19, 2017
The IDT Communications Products Advantage	-	Overview	PDF	2.54 MB	Feb 13, 2017
Tsi382 and Tsi382A Device Differences	-	Misc	PDF	52 KB	Apr 21, 2014
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Software & Tools

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Title	Other Languages	Type	Format	File Size	Date
PCI Express Browser Rev 5.0.2 Windows Installation - Digitally Signed	-	Software Tool	ZIP	104.57 MB	Jun 16, 2011

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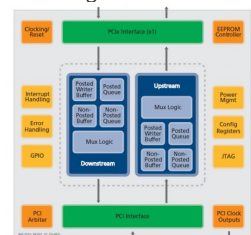
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Images

Tsi382A - Block Diagram



Title		Other Languages	Type	Format	File Size	Date
PCI Express Browser Rev 5.0.2 Linux Installation		-	Software Tool	GZ	30.49 MB	Nov 17, 2015
PCI Express Browser Rev 5.0.2 Windows Installation		-	Software Tool	ZIP	54.45 MB	Dec 2, 2010