5Vout, 7W, IEEE 802.3-2005 Compliant, PD Controller, PS Controller EVM for TPS23753AEVM-001

(ACTIVE) TPS23753AEVM-001

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Key Document

- **TPS23753AEVM-001 Evaluation Module for TPS23753A (Rev. A)** (PDF 667 KB)
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Description

The TPS23753AEVM-001 allows reference circuitry evaluation of the TPS23753A. It contains input and output power connectors and an array of onboard test points for circuit evaluation. TPS23753AEVM-002 (3.3-V output) can be configured with simple bill of materials (BOM) changes.

Features

- Low-cost, basic design
- Simple gate drive, Shottky diode rectified secondary
- 7-W output power from power over ethernet (PoE), 48-V or 24-V adapter and 4-W output power from a 12-V adapter
- 3.3-V output voltage with simple BOM changes

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TPS23753AEVM-001: 5Vout, 7W, IEEE 802.3-2005 Compliant, PD Controller, PS Controller EVM for TPS23753AEVM-001	**$49.00(USD)** In Stock **Typically Ships in 1 to 3 Business Days** Buy from TI	**Pricing may vary.** Buy from distributor	ACTIVE	Yes	Yes	Yes	NA	Pending	Pending	NA	NA	NA	No	No	No

Contact a Distributor: Texas Go

TI's Standard Terms and Conditions for Evaluation Modules apply.

Technical Documents

Datasheet (1)

Title	Abstract	Type	Size (KB)	Date	Views
IEEE 802.3, PoE INTERFACE CONVERTER CONTROLLER WITH ENHANCED ESD IMMUNITY (Rev. B)		PDF	852	04 Jan 2010	

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
TPS23753AEVM-001 Evaluation Module for TPS23753A (Rev. A)		PDF	667	27 Mar 2014	356	✓

Related Products

TI Devices (2)

Part Number	Name	Product Family
TPS23753	IEEE 802.3-2005 PoE Interface and Isolated Converter and Controller	Power Over Ethernet (PoE)/LAN Solutions
TPS23753A	IEEE 802.3-2005 PoE Interface and Isolated Converter Controller with Enhanced ESD Ride-Through	Power Over Ethernet (PoE)/LAN Solutions

Videos

How to manage high power PoE loads

In this video TI applications engineer, Eric Wright demonstrates how to use the TPS2378/9 PoE High-Power PD Interface to manage high power PoE loads.

Posted: 04-Apr-2013
Duration: 2:19
Views: 384
Tags: power management, power over ethernet, poe, pd interface, high power poe, tps2378, tps2379

Learn more about TI's PoE solutions!

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How to manage high power PoE loads

How to find a tested Power solution for your application

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Georgia Tech MOOC: Control of Mobile Robots Learn how to make mobile robots move in effective, safe, predictable, and collaborative ways using modern control theory.	On-Line Training	On Demand

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