TPA6130A2 Evaluation Module (EVM)

(ACTIVE) TPA6130A2EVM

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Key Document

- TPA6130A2EVM - User Guide (Rev. A) (PDF 650 KB)
  22 Sep 2014 249 views

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DirectPath™ Stereo Headphone Amplifier Evaluation Module Board with I2C Volume Control (Front)

Description

The TPA6130A2EVM allows the engineer to evaluate the TPA6130A2, a stereo DirectPath™ (capacitor-free) headphone amplifier with PC digital volume control. The TPA6130A2 has minimal quiescent current consumption, a flexible, 64-step, audio tapered volume control and channel independent enables and mutes.

Features

- DirectPath™ Ground-Referenced Outputs
- Power Supply Voltage Range: 2.5 V to 5.5 V
- 64 Step Audio Taper Volume Control
- High Power Supply Rejection Ratio
- Differential Inputs for Maximum Noise Rejection
- Advanced Pop and Click Suppression Circuitry
- High-Impedance Outputs When Disabled
- Tiny 2x2 mm 16-WCSP (EVM) and 4x4mm 20-QFN Packages

What's Included

- SLOS488, TPA6130A2 138-mW DIRECTPATH™ Stereo Headphone Amplifier with I2C Volume Control (Rev. E)
- SLOU185, TPA6130A2EVM - User Guide (Rev. A)

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead -Free	RoHS	REACH	WEEE	Hi-V (>50VRMS/75 VDC)	CE	CE-EMC	CE-RTTE/LVD	FCC	Batteries	Enclosure	Ext Power Supply
TPA6130A2EVM: TPA6130A2 Evaluation Module	$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	NA	NA	NA	NA	NA	No	No	No

Contact a Distributor United States Go

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

Technical Documents

Datasheet (1)

Title	Abstract	Type	Size (KB)	Date	Views
TPA6130A2 138-mW DIRECTPATH™ Stereo Headphone Amplifier with I2C Volume Control (Rev. E)		PDF	1481	12 Sep 2014	

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
TPA6130A2EVM - User Guide (Rev. A)		PDF	650	22 Sep 2014	249	✓

Related Products

Software (3)

- TPA6130A2EVM - Graphical User Interface (GUI) Software (Rev. A)
  (ZIP, 157011 KB) 16 Oct 2014
- Audio Converter Firmware (TAS1020B) V0304 (Rev. B)
  (ZIP, 684 KB) 763 views, 12 Feb 2014
- TPA613xA2EVM Gerber files
  (ZIP, 174 KB) 11 views, 16 Nov 2006

Development Tools (1)

Name	Part Number	Tool Type
Quick Search Selection Tool for Audio	AUDIO_SELECTION_TOOL	Calculation Tools

TI Devices (1)

Part Number	Name	Product Family
TPA6130A2	138-mW DirectPath™ Stereo Headphone Amplifier with I2C Volume Control (TPA6130)	Audio

Videos

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