Boost: High Efficiency Charge Pump

(ACTIVE) TPS60302REF-170

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Description

The TPS60302EVM-170 is an evaluation tool for the 20mA single cell charge pump TPS60302. With 0.9V to 1.8V input, it delivers a regulated output voltage of 3.3V with up to 20mA of output current.

Bill of Materials (BOM)

Find the complete list of components in this reference design.

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Part Number	Status
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Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
TPS60302	Single-Cell to 3.0V/3.3V, 20mA Dual Output, High Efficiency Charge Pump	Charge Pump (Inductorless)	Sample & Buy	Not Available

CAD/CAE symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS60302	VSSOP (DGS) | 10	Download	Download

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
TPS6030x EVM-170 Single-Cell Charge Pump Evaluation Module		PDF	91	30 Jan 2001	57

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
TPS60302EVM-170 Bill of Materials		PDF	173	06 May 2004	15
TPS60302EVM-170 Schematic		PDF	115	06 May 2004	21

Related Tools & Software

Reference Designs (2)

Name	Part Number	Tool Type
Boost: High Efficiency Charge Pump	TPS60302EVM-170	Reference Designs
Boost: High Efficiency Charge Pump	TPS60302EVM-170REF200209	Reference Designs

Software (1)

Gerber Files for TPS60302EVM-170
(ZIP, 25 KB) 11 views, 03 Dec 2003

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