

TI Home > Semiconductors > Standard Linear > TPS7A6050EVM Evaluation Module

Worldwide (In English)

**TPS7A6050EVM Evaluation Module Status: ACTIVE**

**TPS7A6050EVM**

- [Description/Features](#)
- [Technical Documents](#)
- [Support & Community](#)
- [Order Now](#)

**Description**

 [View TPS7A6050EVM Graphic](#)

The Texas Instruments TPS7A6050EVM evaluation module (EVM) helps designers evaluate the operation and performance of the TPS7A6050-Q1 Low-Dropout Linear Regulator. The device offers low power consumption, stable operation when using low-ESR ceramic output capacitors and a Power-On Reset with programmable delay.

**Features**

- 4 V to 40 V Operating Range, Withstands Transients up to 45 V
- Low Dropout Voltage
- 300mV at IOUT = 150mA
- 5-V Fixed Output Voltage
- 300 mA Maximum Load Current
- 25 uA Typical Quiescent Current
- Low-ESR Ceramic Output Capacitor Stability
- Integrated Power-On Reset
- Programmable Delay
- Open-Drain Reset Output
- Integrated Fault Protection
- Short-Circuit/Over-Current Protection
- Thermal Shutdown
- Low Input Voltage Tracking
- Thermally Enhanced Power Package
- 5-pin TO-263 (KTT /D2PAK)
- 5-pin TO-252 (KVV /DPAK)

**APPLICATIONS**

- Qualified for Automotive Applications
- Infotainment Systems with Sleep Mode
- Body Control Modules
- Always ON Battery Applications

PowerPAD is a trademark of Texas Instruments.

**Order Now**

Part Number	Texas Instruments	Status	Price (US\$)
<b>TPS7A6050EVM:</b> TPS7A6050EVM Evaluation Module	<a href="#">Order Online</a>	ACTIVE	
<b>Contact a Distributor</b>	Colorado	<a href="#">QR</a>	

**Technical Documents**

**User Guides**


[TPS7A6050QKTT EVM User's Guide](#) (PDF 411 KB)  
12 Aug 2010 144 views

**Related Products**

**TI Devices**

Part Number	Name	Product Family
<a href="#">TPS7A6050-Q1</a>	Automotive Catalog 300-mA 40-V Low-Dropout Regulator With Ultra-Low Quiescent Current	Linear Regulators

**Support and Community**

**Customer Tags** 

No Tags are Available for this Part Number

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**Other Support**

- [TI E2E Community](#)
- [Contact Technical Support](#)