

## TPS3809J25-Q1, TPS3809L30-Q1, TPS3809K33-Q1, TPS3809I50-Q1 3-PIN SUPPLY VOLTAGE SUPERVISORS

SGLS142A - DECEMBER 2002 - REVISED JUNE 2008

# <sup>*i*</sup> Texas Instruments

### TPS3809J25-Q1, TPS3809L30-Q1, TPS3809K33-Q1, TPS3809I50-Q1 3-PIN SUPPLY VOLTAGE SUPERVISORS

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timing diagram



### absolute maximum ratings over operating free-air temperature (unless otherwise noted)<sup>†</sup>

Supply voltage, V <sub>DD</sub> (see Note1)	7 V
All other pins (see Note 1)	–0.3 V to 7 V
Maximum low output current, I <sub>OL</sub>	5 mA
Maximum high output current, I <sub>OH</sub>	–5 mA
Input clamp current, I <sub>IK</sub> (VI<0 or VI>VDD)	±20 mA
Output clamp current, I <sub>OK</sub> (V	



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## TPS3809J25-Q1, TPS3809L30-Q1, TPS380 3-PIN SUPPLY VOLTAGE SUPERVISORS

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24-Jan-2013

### PACKAGING INFORMATION

Orderable Device	Status	Package Type Packag	e Pins	Package Qty	Eco Plan	Lead/Ball Finish	MSL Peak Temp	Op Temp (°C)	Top-Side Markings	Samples
	(1)	Drawin	g		(2)		(3)		(4)	
2T09I50QDBVRG4Q										





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### TAPE AND REEL INFORMATION

\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Reel Diameter (mm)	Reel



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## PACKAGE MATERIALS INFORMATION

14-Mar-2013



All ultrensions are normal	*All	dimensions	are	nominal
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Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
2T09I50QDBVRG4Q	SOT-23	DBV	3	3000	182.0	182.0	20.0
2T09J25QDBVRG4Q	SOT-23	DBV	3	3000	182.0	182.0	20.0
2U3809K33QDBVRG4Q1	SOT-23	DBV	3	3000	182.0	182.0	20.0
2U3809L30QDBVRG4Q1	SOT-23	DBV	3	3000	182.0	182.0	20.0
TPS3809I50QDBVRQ1	SOT-23	DBV	3	3000	182.0	182.0	20.0
TPS3809J25QDBVRQ1	SOT-23	DBV	3	3000	182.0	182.0	20.0
TPS3809K33QDBVRQ1	SOT-23	DBV	3	3000	182.0	182.0	20.0
TPS3809L30QDBVRQ1	SOT-23	DBV	3	3000	182.0	182.0	20.0

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