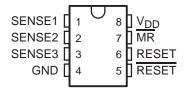
- Controlled Baseline
 - One Assembly/Test Site, One Fabrication Site
- Extended Temperature Performance of -55°C to 125°C
- Enhanced Diminishing Manufacturing Sources (DMS) Support
- Enhanced Product Change Notification
- Qualification Pedigree†
- ESD Protection Exceeds 2000 V Per MIL-STD-883, Method 3015; Exceeds 200 V Using Machine Model (C = 200 pF, R = 0)
- † Component qualification in accordance with JEDEC and industry standards to ensure reliable operation over an extended temperature range. This includes, but is not limited to, Highly Accelerated Stress Test (HAST) or biased 85/85, temperature cycle, autoclave or unbiased HAST, electromigration, bond intermetallic life, and mold compound life. Such qualification testing should not be viewed as justifying use of this component beyond specified performance and environmental limits.

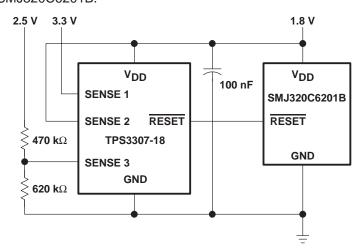
- Triple Supervisory Circuits for DSP and Processor-Based Systems
- Power-On Reset Generator With Fixed Delay Time of 200 ms, No External Capacitor Needed
- Temperature-Compensated Voltage Reference
- Maximum Supply Current of 40 μA
- Supply Voltage Range . . . 2 V to 6 V
- Defined RESET Output from V_{DD} ≥ 1.1 V
- SO-8 and MSOP-8 Packages

D or DGN PACKAGE (TOP VIEW)



typical applications

Figure 1 lists some of the typical applications for the TPS3307 family, and a schematic diagram for a processor-based system application. This application uses Texas Instruments part numbers TPS3307-18 and SMJ320C6201B.



- Military applications using DSPs, Microcontrollers or Microprocessors
- Industrial Equipment
- Programmable Controls
- Military Systems

Figure 1. Applications Using the TPS3307-18

description

The TPS3307-xx family is a series of micropower supply voltage supervisors designed for circuit initialization primarily in DSP and processor-based systems which require more than one supply voltage.

The TPS3307-18 and TPS3307-33 are designed for monitoring three independent supply voltages: 3.3 V/1.8 V/adj and 5V/3.3V/adj, respectively. The adjustable SENSE input allows the monitoring of any supply voltage >1.25 V.



Please be aware that an important notice concerning availability, standard warranty, and use in critical applications of Texas Instruments semiconductor products and disclaimers thereto appears at the end of this data sheet.



SGLS140A - NOVEMBER 2002 - REVISED AUGUST 2005

description (continued)

The various supply voltage supervisors are designed to monitor the nominal supply voltage as shown in the following supply voltage monitoring table.

SUPPLY VOLTAGE MONITORING

DE1/105	NOMINA	L SUPERVISED	VOLTAGE	THRESHOLD VOLTAGE (TYP)			
DEVICE	DEVICE SENSE1 SENSE2 SENSE3		SENSE3	SENSE1	SENSE2	SENSE3	
TPS3307-18	3.3 V	1.8 V	User defined	2.93 V	1.68 V	1.25 V [†]	
TPS3307-33	5 V	3.3 V	User defined	4.55 V	2.93 V	1.25 V [†]	

[†]The actual sense voltage has to be adjusted by an external resistor divider according to the application requirements.

During power-on, \overline{RESET} is asserted when the supply voltage V_{DD} becomes higher than 1.1 V. Thereafter, the supply voltage supervisor monitors the SENSEn inputs and keeps \overline{RESET} active as long as SENSEn remain below the threshold voltage V_{IT+} .

An internal timer delays the return of the \overline{RESET} output to the inactive state (high) to ensure proper system reset. The delay time, t_{dtyp} = 200 ms, starts after all SENSEn inputs have risen above the threshold voltage V_{IT+} . When the voltage at any SENSE input drops below the threshold voltage V_{IT-} , the \overline{RESET} output becomes active (low) again.

The TPS3307-xx family of devices incorporates a manual reset input, $\overline{\text{MR}}$. A low level at $\overline{\text{MR}}$ causes $\overline{\text{RESET}}$ to become active. In addition to the active-low $\overline{\text{RESET}}$ output, the TPS3307-xx family includes an active-high RESET output.

The devices are available in either 8-pin MSOP or a standard 8-pin SO packages and are characterized for operation over a temperature range of –55°C to 125°C.

ORDERING INFORMATION

TA	PACKA	GE [‡]	ORDERABLE PART NUMBER	TOP-SIDE MARKING
	Small Outline (D)	Tape and Reel	TPS3307-18MDREP	30718E
-55°C to 125°C	PowerPad μ-Small Outline (DGN)	Tape and Reel	TPS3307-33MDGNREP	BNP

[‡] Package drawings, standard packing quantities, thermal data, symbolization, and PCB design guidelines are available at www.ti.com/sc/package.

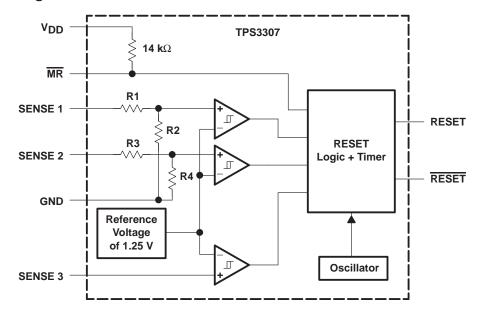
FUNCTION/TRUTH TABLES

MR	SENSE1 > V _{IT1}	SENSE2 > V _{IT2}	SENSE3 > V _{IT3}	RESET	RESET
L	X	X	X	L	Н
Н	0	0	0	L	Н
Н	0	0	1	L	Н
Н	0	1	0	L	Н
Н	0	1	1	L	Н
Н	1	0	0	L	Н
Н	1	0	1	L	Н
Н	1	1	0	L	Н
Н	1	1	1	Н	L

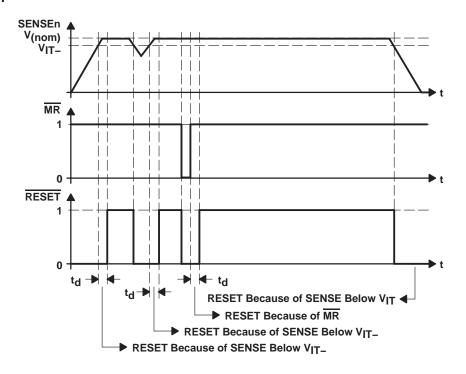
X = Don't care



functional block diagram



timing diagram



TPS3307-18-EP, TPS3307-33-EP TRIPLE PROCESSOR SUPERVISORS

SGLS140A - NOVEMBER 2002 - REVISED AUGUST 2005

absolute maximum ratings over operating free-air temperature range (unless otherwise noted)†

Supply voltage, V _{DD} (see Note 1)	7 V
All other pins (see Note 1)	
Maximum low output current, I _{OL}	5 mA
Maximum high output current, IOH	–5 mA
Input clamp current, I _{IK} (V _I < 0 or V _I > V _{DD})	±20 mA
Output clamp current, I _{OK} (V _O < 0 or V _O > V _{DD})	±20 mA
Maximum junction temperature, T _J	150°C
Package thermal impedance, θ _{JA} (see Note 2) D package	126°C/W
DGN package	58.4°C/W
Operating free-air temperature range, T _A	–55°C to 125°C
Storage temperature range, T _{stq} (see Note 3)	–65°C to 150°C
Soldering temperature	

[†] Stresses beyond those listed under "absolute maximum ratings" may cause permanent damage to the device. These are stress ratings only, and functional operation of the device at these or any other conditions beyond those indicated under "recommended operating conditions" is not implied. Exposure to absolute-maximum-rated conditions for extended periods may affect device reliability.

- NOTE 1: All voltage values are with respect to GND. For reliable operation the device must not be operated at 7 V for more than t = 1000 h continuously.
- NOTE 2: The thermal impedance, θ_{JA}, for the D package is determined for JEDEC high-K PCB (JESD51-7). The thermal impedance value for the DGN package is determined for Texas Instruments recommended assembly for PowerPAD packages. See Texas Instruments technical briefs SLMA002 and SLMA004 for more information about utilizing the PowerPAD thermally enhanced package. Thermal impedance, θ_{JA}, values for the D and DGN packages using JEDEC low-K PCB (JESD51-3) are 215°C/W and 296°C/W, respectively.
- NOTE 3: Long-term, high-temperature storage and/or extended use at maximum recommended operating conditions may result in a reduction of overall device life. See http://www.ti.com/sc/ep for more information.

recommended operating conditions at specified temperature range

	MIN	MAX	UNIT
Supply voltage, V _{DD}	2	6	V
Input voltage at MR and SENSE3, VI	0	V _{DD} +0.3	V
Input voltage at SENSE1 and SENSE2, V _I	0	(V _{DD} +0.3)V _{IT} /1.25 V	V
High-level input voltage at MR, VIH	0.7xV _{DD}		V
Low-level input voltage at MR, V _{IL}		0.3×V _{DD}	V
Input transition rise and fall rate at \overline{MR} , $\Delta t/\Delta V$		50	ns/V
Operating free-air temperature range, TA	-55	125	°C



TPS3307-18-EP, TPS3307-33-EP TRIPLE PROCESSOR SUPERVISORS

SGLS140A - NOVEMBER 2002 - REVISED AUGUST 2005

electrical characteristics over recommended operating free-air temperature range (unless otherwise noted)

	PARAMETER		TEST CO	MIN	TYP	MAX	UNIT		
			$V_{DD} = 2 V \text{ to } 6 V$	$I_{OH} = -20 \mu A$	V _{DD} - 0.2 V				
Vон	VOH High-level output voltage		$V_{DD} = 3.3 \text{ V},$	$I_{OH} = -2 \text{ mA}$	V _{DD} - 0.4 V			V	
		$V_{DD} = 6 V$,	$I_{OH} = -3 \text{ mA}$	V _{DD} - 0.4 V					
		$V_{DD} = 2 V \text{ to } 6 V$	$I_{OL} = 20 \mu A$			0.2			
VOL	Low-level output voltage		$V_{DD} = 3.3 \text{ V},$	$I_{OL} = 2 \text{ mA}$			0.4	V	
			$V_{DD} = 6 V$,	$I_{OL} = 3 \text{ mA}$			0.4		
	Power-up reset voltage (see Note	4)	$V_{DD} \ge 1.1 \text{ V},$	$I_{OL} = 20 \mu A$			0.4	V	
		SENSE3			1.2	1.25	1.29	V	
\	Negative-going input threshold	CENCE4	\/ 0\/ to 0\/	VSENSE = 1.8 V	1.6	1.68	1.73		
V _{IT} _	voltage (see Note 5)	SENSE1, SENSE2	V _{DD} = 2 V to 6 V	VSENSE = 3.3 V	2.8	2.93	3.02		
		SLINGLZ		VSENSE = 5 V	4.4	4.55	4.67		
			V _{IT} _ = 1.25 V	2	10	30	mV		
,,	There are a service of NOENOE a few of		V _{IT} ₋ = 1.68 V	2	15	40			
V _{hys}	Hysteresis at VSENSEn input		V _{IT} _ = 2.93 V	3	30	60			
			V _{IT} _ = 4.55 V	3	40	80			
		MR	$\overline{MR} = 0.7 \times V_{DD}$	V _{DD} = 6 V		-130	-180		
١.	LPak lavel Second account	SENSE1	VSENSE1 = V _{DD} :	= 6 V		5	8	μΑ	
lн	High-level input current	SENSE2	VSENSE2 = V _{DD} :	= 6 V		6	9		
		SENSE3	VSENSE3 = V _{DD}		-1		1		
	Law lawel input assessed	MR	$\overline{MR} = 0 \text{ V},$	V _{DD} = 6 V		-430	-600		
I.	IL Low-level input current SENS		VSENSE1,2,3 = 0	-1		1	μΑ		
I _{DD} Supply current							40	μΑ	
Ci	Input capacitance		$V_I = 0 V \text{ to } V_{DD}$			10		pF	

NOTES: 4. The lowest supply voltage at which RESET becomes active. t_f, V_{DD} ≥ 15 μs/V
 5. To ensure best stability of the threshold voltage, a bypass capacitor (ceramic 0.1 μF) should be placed close to the supply terminals.

TPS3307-18-EP, TPS3307-33-EP TRIPLE PROCESSOR SUPERVISORS

SGLS140A - NOVEMBER 2002 - REVISED AUGUST 2005

timing requirements at $\rm V_{DD}$ = 2 V to 6 V, $\rm R_{L}$ = 1 M $\Omega,\, C_{L}$ = 50 pF, $\rm T_{A}$ = 25°C

	PARAMETER TEST CONDITIONS				MIN	TYP	MAX	UNIT
	Dulas width	SENSEn	VSENSEnL = VIT0.2 V,	VSENSEnH = VIT+ + 0.2 V	6			μs
١,	V Pulse width	MR	$V_{IH} = 0.7 \times V_{DD}$	$V_{IL} = 0.3 \times V_{DD}$	100			ns

switching characteristics at V_DD = 2 V to 6 V, R $_L$ = 1 M $\Omega,$ C $_L$ = 50 pF, T $_A$ = 25 $^{\circ}$ C

	PARAMETER		TEST CONDITIONS	MIN	TYP	MAX	UNIT
t _d	Delay time		$\frac{V_{I(SENSEn)} \ge V_{IT+} + 0.2 \text{ V,}}{\overline{MR}} \ge 0.7 \times V_{DD}, \text{ See timing diagram}$	140	200	280	ms
tPHL	Propagation (delay) time, high-to-low level output	MR to RESET	V _I (SENSEn) ≥ V _{IT+} + 0.2 V,		000	000	
tPLH	Propagation (delay) time, low-to-high level output	MR to RESET	$V_{IH} = 0.7 \times V_{DD}, V_{IL} = 0.3 \times V_{DD}$		200	600	ns
tPHL	Propagation (delay) time, high-to-low level output	SENSEn to RESET	$V_{IH} \ge V_{IT+} + 0.2 \text{ V}, V_{IL} \le V_{IT-} - 0.2 \text{ V},$		4		
tPLH	Propagation (delay) time, low-to-high level output	SENSEn to RESET	$\overline{MR} \ge 0.7 \times V_{DD}$		1	5	μs

SUPPLY CURRENT

TYPICAL CHARACTERISTICS

NORMALIZED SENSE THRESHOLD VOLTAGE

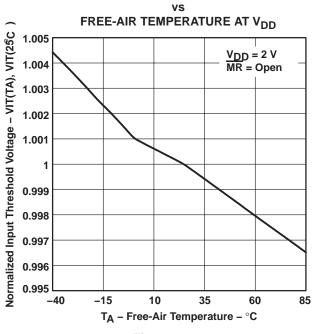


Figure 2

INPUT CURRENT

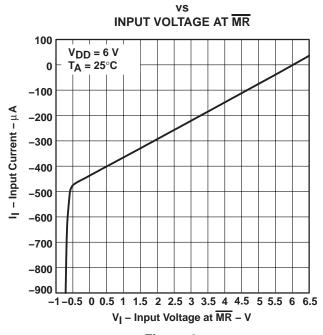
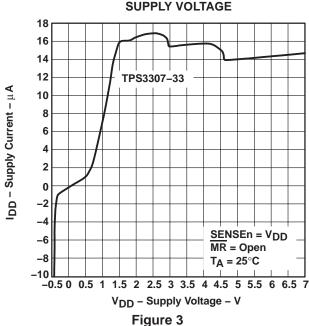


Figure 4

SUPPLY VOLTAGE



MINIMUM PULSE DURATION AT SENSE

THRESHOLD OVERDRIVE

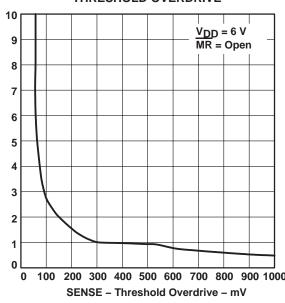
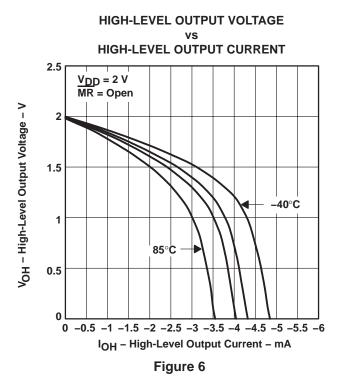
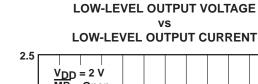


Figure 5

– Minimum Pulse Duration at $V_{\mbox{\footnotesize{Sense}}}$ – $\mu\,\mbox{\footnotesize{S}}$

TYPICAL CHARACTERISTICS





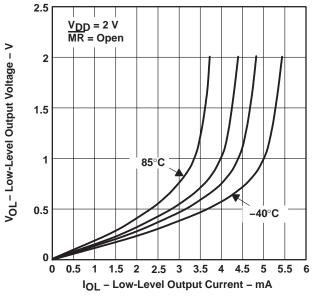
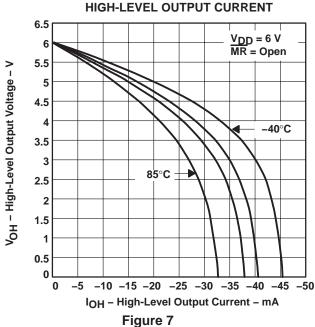
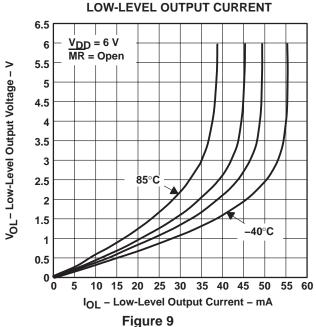


Figure 8

HIGH-LEVEL OUTPUT VOLTAGE



LOW-LEVEL OUTPUT VOLTAGE







ti.com 26-Feb-2007

PACKAGING INFORMATION

Orderable Device	Status ⁽¹⁾	Package Type	Package Drawing	Pins	Package Qty	Eco Plan ⁽²⁾	Lead/Ball Finish	MSL Peak Temp ⁽³⁾
TPS3307-18MDREP	ACTIVE	SOIC	D	8	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
TPS3307-33MDGNREP	ACTIVE	MSOP- Power PAD	DGN	8	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
V62/03629-01XE	ACTIVE	SOIC	D	8	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM
V62/03629-02YE	ACTIVE	MSOP- Power PAD	DGN	8	2500	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-1-260C-UNLIM

(1) The marketing status values are defined as follows:

ACTIVE: Product device recommended for new designs.

LIFEBUY: TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.

NRND: Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.

PREVIEW: Device has been announced but is not in production. Samples may or may not be available.

OBSOLETE: TI has discontinued the production of the device.

(2) Eco Plan - The planned eco-friendly classification: Pb-Free (RoHS), Pb-Free (RoHS Exempt), or Green (RoHS & no Sb/Br) - please check http://www.ti.com/productcontent for the latest availability information and additional product content details.

TBD: The Pb-Free/Green conversion plan has not been defined.

Pb-Free (RoHS): TI's terms "Lead-Free" or "Pb-Free" mean semiconductor products that are compatible with the current RoHS requirements for all 6 substances, including the requirement that lead not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, TI Pb-Free products are suitable for use in specified lead-free processes.

Pb-Free (RoHS Exempt): This component has a RoHS exemption for either 1) lead-based flip-chip solder bumps used between the die and package, or 2) lead-based die adhesive used between the die and leadframe. The component is otherwise considered Pb-Free (RoHS compatible) as defined above.

Green (RoHS & no Sb/Br): TI defines "Green" to mean Pb-Free (RoHS compatible), and free of Bromine (Br) and Antimony (Sb) based flame retardants (Br or Sb do not exceed 0.1% by weight in homogeneous material)

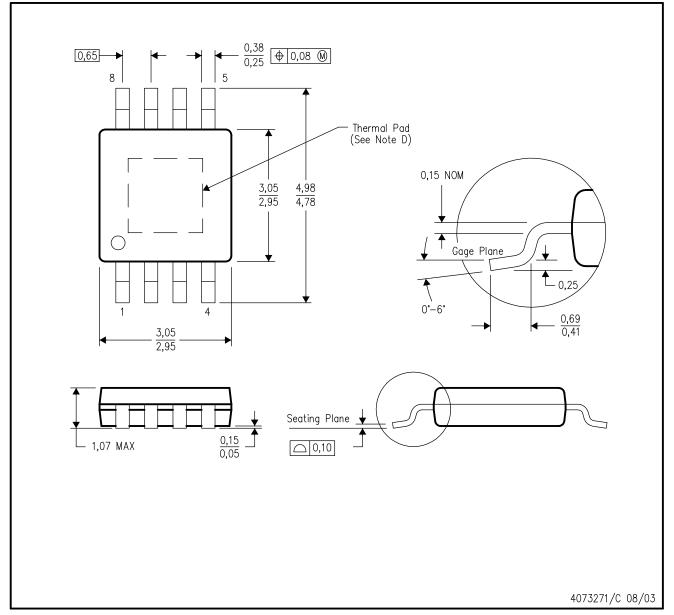
(3) MSL, Peak Temp. -- The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

Important Information and Disclaimer: The information provided on this page represents TI's knowledge and belief as of the date that it is provided. TI bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy of such information. Efforts are underway to better integrate information from third parties. TI has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. TI and TI suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

In no event shall TI's liability arising out of such information exceed the total purchase price of the TI part(s) at issue in this document sold by TI to Customer on an annual basis.

DGN (S-PDSO-G8)

PowerPAD™ PLASTIC SMALL-OUTLINE PACKAGE



NOTES:

- A. All linear dimensions are in millimeters.
- B. This drawing is subject to change without notice.
- C. Body dimensions do not include mold flash or protrusion.
- D. This package is designed to be soldered to a thermal pad on the board. Refer to Technical Brief, PowerPad Thermally Enhanced Package, Texas Instruments Literature No. SLMA002 for information regarding recommended board layout. This document is available at www.ti.com www.ti.com.
- E. Falls within JEDEC MO-187

PowerPAD is a trademark of Texas Instruments.



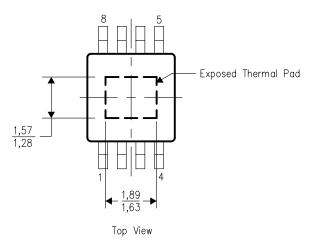
THERMAL PAD MECHANICAL DATA DGN (S-PDS0-G8)

THERMAL INFORMATION

This PowerPAD $^{\text{M}}$ package incorporates an exposed thermal pad that is designed to be attached directly to an external heatsink. The thermal pad must be soldered directly to the printed circuit board (PCB). After soldering, the PCB can be used as a heatsink. In addition, through the use of thermal vias, the thermal pad can be attached directly to the appropriate copper plane shown in the electrical schematic for the device, or alternatively, can be attached to a special heatsink structure designed into the PCB. This design optimizes the heat transfer from the integrated circuit (IC).

For additional information on the PowerPAD package and how to take advantage of its heat dissipating abilities, refer to Technical Brief, PowerPAD Thermally Enhanced Package, Texas Instruments Literature No. SLMA002 and Application Brief, PowerPAD Made Easy, Texas Instruments Literature No. SLMA004. Both documents are available at www.ti.com.

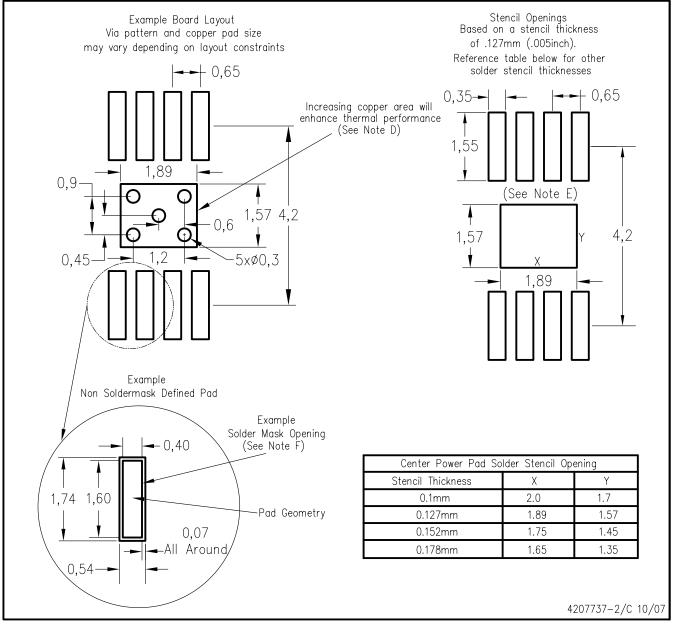
The exposed thermal pad dimensions for this package are shown in the following illustration.



NOTE: All linear dimensions are in millimeters

Exposed Thermal Pad Dimensions

DGN (R-PDSO-G8) PowerPAD™



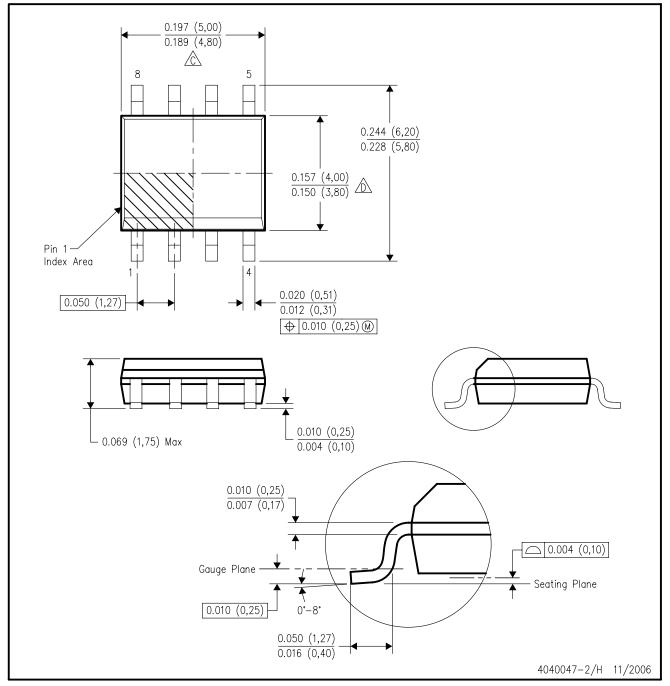
NOTES:

- A. All linear dimensions are in millimeters.
- B. This drawing is subject to change without notice.
- C. Customers should place a note on the circuit board fabrication drawing not to alter the center solder mask defined pad.
- D. This package is designed to be soldered to a thermal pad on the board. Refer to Technical Brief, PowerPad Thermally Enhanced Package, Texas Instruments Literature No. SLMA002, SLMA004, and also the Product Data Sheets for specific thermal information, via requirements, and recommended board layout. These documents are available at www.ti.com http://www.ti.com. Publication IPC-7351 is recommended for alternate designs.
- E. Laser cutting apertures with trapezoidal walls and also rounding corners will offer better paste release. Customers should contact their board assembly site for stencil design recommendations. Example stencil design based on a 50% volumetric metal load solder paste. Refer to IPC-7525 for other stencil recommendations.
- F. Customers should contact their board fabrication site for solder mask tolerances between and around signal pads.



D (R-PDSO-G8)

PLASTIC SMALL-OUTLINE PACKAGE



NOTES:

- A. All linear dimensions are in inches (millimeters).
- B. This drawing is subject to change without notice.
- Body length does not include mold flash, protrusions, or gate burrs. Mold flash, protrusions, or gate burrs shall not exceed .006 (0,15) per end.
- Body width does not include interlead flash. Interlead flash shall not exceed .017 (0,43) per side.
- E. Reference JEDEC MS-012 variation AA.



IMPORTANT NOTICE

Texas Instruments Incorporated and its subsidiaries (TI) reserve the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to TI's terms and conditions of sale supplied at the time of order acknowledgment.

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard warranty. Testing and other quality control techniques are used to the extent TI deems necessary to support this warranty. Except where mandated by government requirements, testing of all parameters of each product is not necessarily performed.

TI assumes no liability for applications assistance or customer product design. Customers are responsible for their products and applications using TI components. To minimize the risks associated with customer products and applications, customers should provide adequate design and operating safeguards.

TI does not warrant or represent that any license, either express or implied, is granted under any TI patent right, copyright, mask work right, or other TI intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information published by TI regarding third-party products or services does not constitute a license from TI to use such products or services or a warranty or endorsement thereof. Use of such information may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

Reproduction of TI information in TI data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. Reproduction of this information with alteration is an unfair and deceptive business practice. TI is not responsible or liable for such altered documentation. Information of third parties may be subject to additional restrictions.

Resale of TI products or services with statements different from or beyond the parameters stated by TI for that product or service voids all express and any implied warranties for the associated TI product or service and is an unfair and deceptive business practice. TI is not responsible or liable for any such statements.

TI products are not authorized for use in safety-critical applications (such as life support) where a failure of the TI product would reasonably be expected to cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use. Buyers represent that they have all necessary expertise in the safety and regulatory ramifications of their applications, and acknowledge and agree that they are solely responsible for all legal, regulatory and safety-related requirements concerning their products and any use of TI products in such safety-critical applications, notwithstanding any applications-related information or support that may be provided by TI. Further, Buyers must fully indemnify TI and its representatives against any damages arising out of the use of TI products in such safety-critical applications.

TI products are neither designed nor intended for use in military/aerospace applications or environments unless the TI products are specifically designated by TI as military-grade or "enhanced plastic." Only products designated by TI as military-grade meet military specifications. Buyers acknowledge and agree that any such use of TI products which TI has not designated as military-grade is solely at the Buyer's risk, and that they are solely responsible for compliance with all legal and regulatory requirements in connection with such use.

TI products are neither designed nor intended for use in automotive applications or environments unless the specific TI products are designated by TI as compliant with ISO/TS 16949 requirements. Buyers acknowledge and agree that, if they use any non-designated products in automotive applications, TI will not be responsible for any failure to meet such requirements.

Following are URLs where you can obtain information on other Texas Instruments products and application solutions:

	Applications	
amplifier.ti.com	Audio	www.ti.com/audio
dataconverter.ti.com	Automotive	www.ti.com/automotive
dsp.ti.com	Broadband	www.ti.com/broadband
interface.ti.com	Digital Control	www.ti.com/digitalcontrol
logic.ti.com	Military	www.ti.com/military
power.ti.com	Optical Networking	www.ti.com/opticalnetwork
microcontroller.ti.com	Security	www.ti.com/security
www.ti-rfid.com	Telephony	www.ti.com/telephony
www.ti.com/lpw	Video & Imaging	www.ti.com/video
	Wireless	www.ti.com/wireless
	dataconverter.ti.com dsp.ti.com interface.ti.com logic.ti.com power.ti.com microcontroller.ti.com www.ti-rfid.com	amplifier.ti.com dataconverter.ti.com dsp.ti.com interface.ti.com logic.ti.com power.ti.com microcontroller.ti.com www.ti-rfid.com www.ti-com/lpw Audio Automotive Broadband Digital Control Military Optical Networking Security Telephony Video & Imaging

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265 Copyright © 2007, Texas Instruments Incorporated



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов:
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001:
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина,

дом 2, корпус 4, литера А.