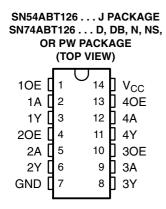
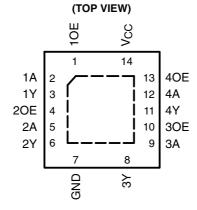
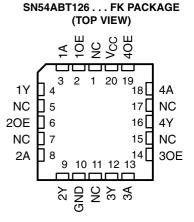
SCBS183H - FEBRUARY 1991 - REVISED MAY 2003

- Typical V_{OLP} (Output Ground Bounce)
 1 V at V_{CC} = 5 V, T_A = 25°C
- High-Impedance State During Power Up and Power Down
- High-Drive Outputs (-32-mA I_{OH}, 64-mA I_{OL})
- I_{off} and Power-Up 3-State Support Hot Insertion
- Latch-Up Performance Exceeds 500 mA Per JESD 17
- ESD Protection Exceeds JESD 22
 - 2000-V Human-Body Model (A114-A)
 - 200-V Machine Model (A115-A)





SN74ABT126 . . . RGY PACKAGE



NC - No internal connection

description/ordering information

The 'ABT126 bus buffer gates feature independent line drivers with 3-state outputs. Each output is disabled when the associated output-enable (OE) input is low.

When V_{CC} is between 0 and 2.1 V, the device is in the high-impedance state during power up or power down. However, to ensure the high-impedance state above 2.1 V, OE should be tied to GND through a pulldown resistor; the minimum value of the resistor is determined by the current-sourcing capability of the driver.

ORDERING INFORMATION

T _A	PACKA	GE†	ORDERABLE PART NUMBER	TOP-SIDE MARKING	
	QFN – RGY	Tape and reel	SN74ABT126RGYR	AB126	
	PDIP – N	Tube	SN74ABT126N	SN74ABT126N	
	COIC D	Tube	SN74ABT126D	ADT400	
	SOIC - D	Tape and reel	SN74ABT126DR	ABT126	
-40°C to 85°C	SOP - NS	Tape and reel	SN74ABT126NSR	ABT126	
	SSOP – DB	Tape and reel	SN74ABT126DBR	AB126	
	TOOOD DW	Tube	SN74ABT126PW	AD400	
	TSSOP – PW	Tape and reel	SN74ABT126PWR	AB126	
-55°C to 125°C	CDIP – J	Tube	SNJ54ABT126J	SNJ54ABT126J	
-55 C to 125°C	LCCC - FK	Tube	SNJ54ABT126FK	SNJ54ABT126FK	

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



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.

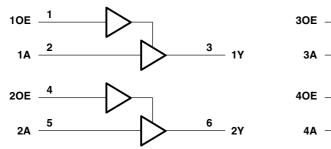


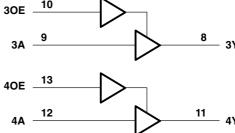
SCBS183H - FEBRUARY 1991 - REVISED MAY 2003

FUNCTION TABLE (each buffer)

INP	JTS	OUTPUT
OE	Α	Y
Н	Н	Н
Н	L	L
L	Χ	Z

logic diagram (positive logic)





Pin numbers shown are for the D, DB, J, N, NS, PW, and RGY packages.

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

Supply voltage range, V _{CC}	–0.5 V to 7 V
Input voltage range, V _I (see Note 1)	-0.5 V to 7 V
Voltage range applied to any output in the high or power-off state, Vo0).5 V to 5.5 V
Current into any output in the low state, IO: SN54ABT126	96 mA
SN74ABT126	128 mA
Input clamp current, I_{IK} ($V_I < 0$)	–18 mA
Output clamp current, I _{OK} (V _O < 0)	–50 mA
Package thermal impedance, θ_{JA} (see Note 2): D package	86°C/W
(see Note 2): DB package	96°C/W
(see Note 2): N package	80°C/W
(see Note 2): NS package	76°C/W
(see Note 2): PW package	113°C/W
(see Note 3): RGY package	47°C/W
Storage temperature range, T _{stg} 65	5°C to 150°C

[†] 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.

- NOTES: 1. The input and output negative-voltage ratings may be exceeded if the input and output clamp-current ratings are observed.
 - 2. The package thermal impedance is calculated in accordance with JESD 51-7.
 - 3. The package thermal impedance is calculated in accordance with JESD 51-5.



SCBS183H - FEBRUARY 1991 - REVISED MAY 2003

recommended operating conditions (see Note 4)

		SN54A	BT126	SN74A	BT126	UNIT
		MIN	MAX	MIN	MAX	UNII
V _{CC}	Supply voltage	4.5	5.5	4.5	5.5	V
V _{IH}	High-level input voltage	2	7	2		V
V _{IL}	Low-level input voltage		0.8		8.0	V
VI	Input voltage	0	V _{CC}	0	V_{CC}	V
I _{OH}	High-level output current	4	-24		-32	mA
I _{OL}	Low-level output current	2	48		64	mA
Δt/Δν	Input transition rise or fall rate	30/	10		10	ns/V
Δt/ΔV _{CC}	Power-up ramp rate	200		200		μs/V
T _A	Operating free-air temperature	-55	125	-40	85	°C

NOTE 4: All unused inputs of the device must be held at V_{CC} or GND to ensure proper device operation. Refer to the TI application report, Implications of Slow or Floating CMOS Inputs, literature number SCBA004.

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

	TEGT 0011DIS	1	Γ _A = 25°C	;	SN54A	BT126	SN74A	BT126	LINUT	
PARAMETER	TEST CONDIT	IONS	MIN	TYP†	MAX	MIN	MAX	MIN	MAX	UNIT
V _{IK}	$V_{CC} = 4.5 \text{ V},$	I _I = -18 mA			-1.2		-1.2		-1.2	V
	$V_{CC} = 4.5 \text{ V},$	$I_{OH} = -3 \text{ mA}$	2.5			2.5		2.5		
.,,	$V_{CC} = 5 V$,	$I_{OH} = -3 \text{ mA}$	3			3		3		V
V _{OH}	V - 4 5 V	$I_{OH} = -24 \text{ mA}$	2			2				
	V _{CC} = 4.5 V	$I_{OH} = -32 \text{ mA}$	2*					2		
V	V _{CC} = 4.5 V	I _{OL} = 48 mA			0.55		0.55			V
V _{OL}	V _{CC} = 4.5 V	$I_{OL} = 64 \text{ mA}$			0.55*				0.55	V
V_{hys}				100			4			mV
I _I	$V_{CC} = 0 \text{ to } 5.5 \text{ V},$	$V_I = V_{CC}$ or GND			±1		±1		±1	μΑ
I _{OZPU}	$V_{CC} = 0$ to 2.1 V, $V_{O} = 0.5$ V t			±50		±50		±50	μΑ	
I _{OZPD}	$V_{CC} = 2.1 \text{ V to 0, } V_{O} = 0.5 \text{ V t}$			±50	4	±50		±50	μΑ	
I _{OZH}	$V_{CC} = 2.1 \text{ V to } 5.5 \text{ V}, V_{O} = 2.7 \text{ V}$	7 V, OE ≤ 0.8 V			10	3	10		10	μΑ
I _{OZL}	$V_{CC} = 2.1 \text{ V to } 5.5 \text{ V}, V_{O} = 0.5 \text{ V}$	5 V, OE ≤ 0.8 V			-10	90	-10		-10	μΑ
l _{off}	$V_{CC} = 0$,	V_I or $V_O \le 4.5 \text{ V}$			±100	Ya			±100	μΑ
I _{CEX}	$V_{CC} = 5.5 \text{ V}, V_{O} = 5.5 \text{ V}$	Outputs high			50		50		50	μΑ
I _O §	$V_{CC} = 5.5 \text{ V},$	$V_0 = 2.5 \text{ V}$	-50	-100	-200	-50	-200	-50	-200	mA
	.,	Outputs high		1	250		250		250	μΑ
Icc	$V_{CC} = 5.5 \text{ V}, I_{O} = 0,$ $V_{I} = V_{CC} \text{ or GND}$	Outputs low		24	30		30		30	mA
	11 100 01 0112	Outputs disabled		0.5	250		250		250	μΑ
Δl _{CC} ¶	V _{CC} = 5.5 V, One input at 3.4 V,	Outputs enabled			1.5		1.5		1.5	mA
ΔICC	Other inputs at V _{CC} or GND	Outputs disabled			50		50		50	μΑ
C _i	$V_1 = 2.5 \text{ V or } 0.5 \text{ V}$			3						pF
Co	$V_0 = 2.5 \text{ V or } 0.5 \text{ V}$			7						pF

^{*} On products compliant to MIL-PRF-38535, this parameter does not apply.

 $[\]P$ This is the increase in supply current for each input that is at the specified TTL voltage level, rather than V_{CC} or GND.



 $^{^{\}dagger}$ All typical values are at V_{CC} = 5 V.

 $^{^{\}ddagger}$ For V_{CC} between 2.1 V and 4 V, OE should be less than or equal to 0.5 V to ensure a low state.

[§] Not more than one output should be tested at a time, and the duration of the test should not exceed one second.

SN54ABT126, SN74ABT126 QUADRUPLE BUS BUFFER GATES WITH 3-STATE OUTPUTS

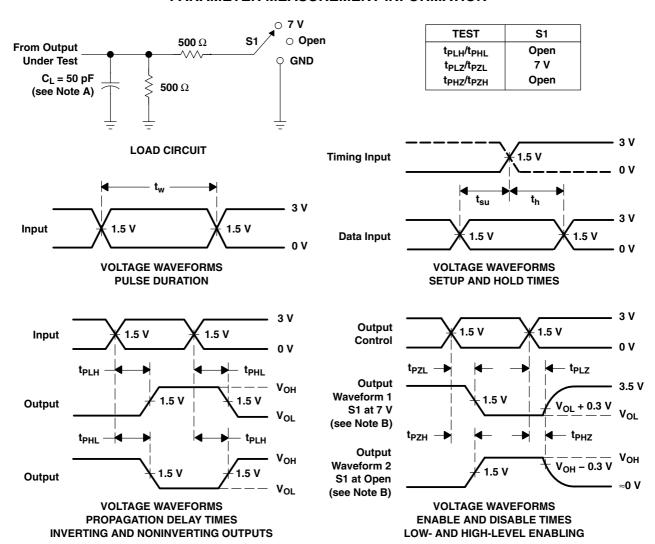
SCBS183H - FEBRUARY 1991 - REVISED MAY 2003

switching characteristics over recommended ranges of supply voltage and operating free-air temperature (unless otherwise noted) (see Note 5 and Figure 1)

PARAMETER	FROM	TO (OUTPUT)	V _{CC} = 5 V, T _A = 25°C			SN54ABT126		SN74ABT126		UNIT
	(INPUT)		MIN	TYP	MAX	MIN	MAX	MIN	MAX	
t _{PLH}	Α	Υ	1	2.9	4.9	1	7.3	1	6.3	
t _{PHL}			1	2.5	5.1	1	5.9	1	5.7	ns
t _{PZH}	0.5	Υ	1	4.4	5.8	1/	5.3	1	6.5	
t _{PZL}	OE		1	4.4	5.9	37)	6.4	1	6.5	ns
t _{PHZ}	٥٢	Y	1	3	5.7	0 1	6.9	1	6.8	
t _{PLZ}	OE		1	3	5.8	Q 1	7.2	1	6.7	ns

NOTE 5: Limits may vary among suppliers.

PARAMETER MEASUREMENT INFORMATION



NOTES: A. C_L includes probe and jig capacitance.

- B. Waveform 1 is for an output with internal conditions such that the output is low except when disabled by the output control. Waveform 2 is for an output with internal conditions such that the output is high except when disabled by the output control.
- C. All input pulses are supplied by generators having the following characteristics: PRR \leq 10 MHz, Z_{O} = 50 Ω , $t_{r} \leq$ 2.5 ns. $t_{f} \leq$ 2.5 ns.
- D. The outputs are measured one at a time with one transition per measurement.
- E. All parameters and waveforms are not applicable to all devices.

Figure 1. Load Circuit and Voltage Waveforms





10-Dec-2020

PACKAGING INFORMATION

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan	Lead finish/ Ball material	MSL Peak Temp	Op Temp (°C)	Device Marking (4/5)	Samples
SN74ABT126D	ACTIVE	SOIC	D	14	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ABT126	Samples
SN74ABT126DBR	ACTIVE	SSOP	DB	14	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AB126	Samples
SN74ABT126DR	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ABT126	Samples
SN74ABT126N	ACTIVE	PDIP	N	14	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 85	SN74ABT126N	Samples
SN74ABT126NSR	ACTIVE	SO	NS	14	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	ABT126	Samples
SN74ABT126PW	ACTIVE	TSSOP	PW	14	90	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AB126	Samples
SN74ABT126PWR	ACTIVE	TSSOP	PW	14	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AB126	Samples
SN74ABT126RGYR	ACTIVE	VQFN	RGY	14	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	AB126	Samples

⁽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) RoHS: TI defines "RoHS" to mean semiconductor products that are compliant with the current EU RoHS requirements for all 10 RoHS substances, including the requirement that RoHS substance do not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, "RoHS" products are suitable for use in specified lead-free processes. TI may reference these types of products as "Pb-Free".

RoHS Exempt: TI defines "RoHS Exempt" to mean products that contain lead but are compliant with EU RoHS pursuant to a specific EU RoHS exemption.

Green: TI defines "Green" to mean the content of Chlorine (Cl) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm threshold requirement.

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

⁽⁴⁾ There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

⁽⁵⁾ Multiple Device Markings will be inside parentheses. Only one Device Marking contained in parentheses and separated by a "~" will appear on a device. If a line is indented then it is a continuation of the previous line and the two combined represent the entire Device Marking for that device.



PACKAGE OPTION ADDENDUM

10-Dec-2020

(6) Lead finish/Ball material - Orderable Devices may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead finish/Ball material values may wrap to two lines if the finish value exceeds the maximum column width.

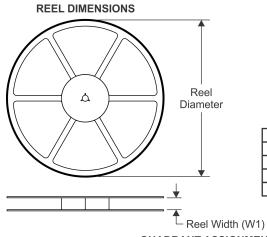
Important Information and Disclaimer: The information provided on this page represents TI's knowledge and belief as of the date that it is provided. TI bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy of such information. 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.

PACKAGE MATERIALS INFORMATION

www.ti.com 5-Jan-2022

TAPE AND REEL INFORMATION





		Dimension designed to accommodate the component width
E	30	Dimension designed to accommodate the component length
K	(0	Dimension designed to accommodate the component thickness
	Ν	Overall width of the carrier tape
F	21	Pitch between successive cavity centers

QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE



*All dimensions are nominal

All dimensions are nominal												
Device	Package Type	Package Drawing		SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
SN74ABT126DBR	SSOP	DB	14	2000	330.0	16.4	8.35	6.6	2.4	12.0	16.0	Q1
SN74ABT126DR	SOIC	D	14	2500	330.0	16.4	6.5	9.0	2.1	8.0	16.0	Q1
SN74ABT126NSR	so	NS	14	2000	330.0	16.4	8.2	10.5	2.5	12.0	16.0	Q1
SN74ABT126PWR	TSSOP	PW	14	2000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
SN74ABT126RGYR	VQFN	RGY	14	3000	330.0	12.4	3.75	3.75	1.15	8.0	12.0	Q1

www.ti.com 5-Jan-2022



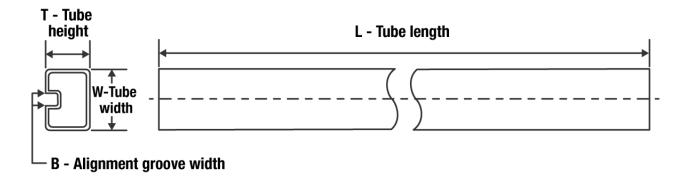
*All dimensions are nominal

7 til diffictioiono are nominal							
Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
SN74ABT126DBR	SSOP	DB	14	2000	853.0	449.0	35.0
SN74ABT126DR	SOIC	D	14	2500	853.0	449.0	35.0
SN74ABT126NSR	SO	NS	14	2000	853.0	449.0	35.0
SN74ABT126PWR	TSSOP	PW	14	2000	853.0	449.0	35.0
SN74ABT126RGYR	VQFN	RGY	14	3000	853.0	449.0	35.0

PACKAGE MATERIALS INFORMATION

www.ti.com 5-Jan-2022

TUBE



*All dimensions are nominal

7 til diritoriororio di o riorimidi								
Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (µm)	B (mm)
SN74ABT126D	D	SOIC	14	50	506.6	8	3940	4.32
SN74ABT126N	N	PDIP	14	25	506	13.97	11230	4.32
SN74ABT126N	N	PDIP	14	25	506	13.97	11230	4.32
SN74ABT126PW	PW	TSSOP	14	90	530	10.2	3600	3.5



NOTES: A. All linear dimensions are in millimeters. Dimensioning and tolerancing per ASME Y14.5M-1994.

- B. This drawing is subject to change without notice.
- C. QFN (Quad Flatpack No-Lead) package configuration.
- D. The package thermal pad must be soldered to the board for thermal and mechanical performance.
- E. See the additional figure in the Product Data Sheet for details regarding the exposed thermal pad features and dimensions.
- Pin 1 identifiers are located on both top and bottom of the package and within the zone indicated. The Pin 1 identifiers are either a molded, marked, or metal feature.
- G. Package complies to JEDEC MO-241 variation BA.



RGY (S-PVQFN-N14)

PLASTIC QUAD FLATPACK NO-LEAD

THERMAL INFORMATION

This 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 information on the Quad Flatpack No—Lead (QFN) package and its advantages, refer to Application Report, QFN/SON PCB Attachment, Texas Instruments Literature No. SLUA271. This document is available at www.ti.com.

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



Bottom View

Exposed Thermal Pad Dimensions

4206353-2/P 03/14

NOTE: All linear dimensions are in millimeters



RGY (S-PVQFN-N14)

PLASTIC QUAD FLATPACK NO-LEAD



- A. All linear dimensions are in millimeters.
- B. This drawing is subject to change without notice.
- C. Publication IPC-7351 is recommended for alternate designs.
- D. This package is designed to be soldered to a thermal pad on the board. Refer to Application Note, Quad Flat—Pack QFN/SON PCB Attachment, Texas Instruments Literature No. SLUA271, 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.
- 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. Refer to IPC 7525 for stencil design considerations.
- F. Customers should contact their board fabrication site for minimum solder mask web tolerances between signal pads.



MECHANICAL DATA

NS (R-PDSO-G**)

14-PINS SHOWN

PLASTIC SMALL-OUTLINE PACKAGE



- 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, not to exceed 0,15.



D (R-PDSO-G14)

PLASTIC SMALL OUTLINE



- 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 0.006 (0,15) each side.
- Body width does not include interlead flash. Interlead flash shall not exceed 0.017 (0,43) each side.
- E. Reference JEDEC MS-012 variation AB.



D (R-PDSO-G14)

PLASTIC SMALL OUTLINE



- A. All linear dimensions are in millimeters.
- B. This drawing is subject to change without notice.
- C. Publication IPC-7351 is recommended for alternate designs.
- D. 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. Refer to IPC-7525 for other stencil recommendations.
- E. Customers should contact their board fabrication site for solder mask tolerances between and around signal pads.



PW (R-PDSO-G14)

PLASTIC SMALL OUTLINE



- A. All linear dimensions are in millimeters. Dimensioning and tolerancing per ASME Y14.5M—1994.
- B. This drawing is subject to change without notice.
 - Sody length does not include mold flash, protrusions, or gate burrs. Mold flash, protrusions, or gate burrs shall not exceed 0,15 each side.
- Body width does not include interlead flash. Interlead flash shall not exceed 0,25 each side.
- E. Falls within JEDEC MO-153



PW (R-PDSO-G14)

PLASTIC SMALL OUTLINE



- A. All linear dimensions are in millimeters.
- B. This drawing is subject to change without notice.
- C. Publication IPC-7351 is recommended for alternate designs.
- D. 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. Refer to IPC-7525 for other stencil recommendations.
- E. Customers should contact their board fabrication site for solder mask tolerances between and around signal pads.



N (R-PDIP-T**)

PLASTIC DUAL-IN-LINE PACKAGE

16 PINS SHOWN



- A. All linear dimensions are in inches (millimeters).
- B. This drawing is subject to change without notice.
- Falls within JEDEC MS-001, except 18 and 20 pin minimum body length (Dim A).
- The 20 pin end lead shoulder width is a vendor option, either half or full width.



DB (R-PDSO-G**)

PLASTIC SMALL-OUTLINE

28 PINS SHOWN



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 not to exceed 0,15.

D. Falls within JEDEC MO-150

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

TI objects to and rejects any additional or different terms you may have proposed.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265 Copyright © 2022, Texas Instruments Incorporated