

PACKAGING INFORMATION

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
TPS62000DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIH
TPS62000DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIH
TPS62000DGSG4	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIH
TPS62000DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIH
TPS62000DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AIH
TPS62000DGSRG4	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AIH
TPS62002DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIJ
TPS62002DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIJ
TPS62002DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIJ
TPS62002DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIJ
TPS62003DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIK
TPS62003DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIK
TPS62003DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIK
TPS62003DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIK
TPS62003DGSRG4	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIK
TPS62004DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIL
TPS62004DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIL
TPS62004DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIL
TPS62004DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIL
TPS62005DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIM
TPS62005DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIM
TPS62005DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIM
TPS62005DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIM
TPS62006DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIN
TPS62006DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIN
TPS62006DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIN
TPS62006DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIN
TPS62007DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIO
TPS62007DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AIO

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
TPS62007DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AIO
TPS62007DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AIO
TPS62007DGSRG4	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	AIO
TPS62008DGS	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AJI
TPS62008DGS.A	Active	Production	VSSOP (DGS) 10	80 TUBE	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AJI
TPS62008DGSR	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AJI
TPS62008DGSR.A	Active	Production	VSSOP (DGS) 10	2500 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	AJI

⁽¹⁾ **Status:** For more details on status, see our [product life cycle](#).

⁽²⁾ **Material type:** When designated, preproduction parts are prototypes/experimental devices, and are not yet approved or released for full production. Testing and final process, including without limitation quality assurance, reliability performance testing, and/or process qualification, may not yet be complete, and this item is subject to further changes or possible discontinuation. If available for ordering, purchases will be subject to an additional waiver at checkout, and are intended for early internal evaluation purposes only. These items are sold without warranties of any kind.

⁽³⁾ **RoHS values:** Yes, No, RoHS Exempt. See the [TI RoHS Statement](#) for additional information and value definition.

⁽⁴⁾ **Lead finish/Ball material:** Parts 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.

⁽⁵⁾ **MSL rating/Peak reflow:** The moisture sensitivity level ratings and peak solder (reflow) temperatures. In the event that a part has multiple moisture sensitivity ratings, only the lowest level per JEDEC standards is shown. Refer to the shipping label for the actual reflow temperature that will be used to mount the part to the printed circuit board.

⁽⁶⁾ **Part marking:** There may be an additional marking, which relates to the logo, the lot trace code information, or the environmental category of the part.

Multiple part markings will be inside parentheses. Only one part marking contained in parentheses and separated by a "~" will appear on a part. If a line is indented then it is a continuation of the previous line and the two combined represent the entire part marking for that device.

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OTHER QUALIFIED VERSIONS OF TPS62000 :

NOTE: Qualified Version Definitions: