

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)
TPS727105YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GA
TPS727105YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GA
TPS727105YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GA
TPS727105YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GA
TPS72710DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	UR
TPS72710DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	UR
TPS72710DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	UR
TPS72710DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	UR
TPS72711YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	QL
TPS72711YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	QL
TPS72711YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	QL
TPS72711YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	QL
TPS72715DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GS
TPS72715YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GS
TPS727185YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	RW
TPS727185YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	RW
TPS727185YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	RW
TPS727185YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	RW
TPS72718DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718DSERG4	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718DSERG4.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GT

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TPS72718DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GT
TPS72718YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GT
TPS72719DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CB
TPS72719DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CB
TPS72719DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CB
TPS72719DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	CB
TPS72719DSETG4.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	-	Call TI	Call TI	-40 to 125	
TPS72719YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	AA
TPS72719YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	AA
TPS72719YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	AA
TPS72719YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	AA
TPS72725DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QA
TPS72725DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QA
TPS72725DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QA
TPS72725DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QA
TPS72727DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	TS
TPS72727DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	TS
TPS72727DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	TS
TPS72727DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	TS
TPS727285DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QK
TPS727285DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QK
TPS727285DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QK
TPS727285DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QK
TPS727285DSETG4.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	-	Call TI	Call TI	-40 to 125	
TPS72728DSER	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GU
TPS72728DSER.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GU
TPS72728DSERG4.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	-	Call TI	Call TI	-40 to 125	
TPS72728DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GU

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TPS72728DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	GU
TPS72728YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GU
TPS72728YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GU
TPS72728YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GU
TPS72728YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	GU
TPS72730DSEB	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QB
TPS72730DSEB.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QB
TPS72730DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QB
TPS72730DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QB
TPS72730DSETG4	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	QB
TPS72730DSETG4.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	QB
TPS72730YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZZ
TPS72730YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZZ
TPS72730YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZZ
TPS72730YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZZ
TPS72733DSEB	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QC
TPS72733DSEB.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QC
TPS72733DSEB.G4	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	QC
TPS72733DSEB.G4.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	QC
TPS72733DSET	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QC
TPS72733DSET.B	Active	Production	WSON (DSE) 6	250 SMALL T&R	Yes	NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	QC
TPS72733YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZY
TPS72733YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZY
TPS72733YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZY
TPS72733YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	ZY
TPS72748DSEB	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	KA
TPS72748DSEB.B	Active	Production	WSON (DSE) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	KA
TPS72748YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EY
TPS72748YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EY
TPS72748YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EY
TPS72748YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EY

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)
TPS72750YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CA
TPS72750YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CA
TPS72750YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CA
TPS72750YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CA

⁽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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