

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)
TLV705075YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3V
TLV705075YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3V
TLV705075YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3V
TLV705075YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3V
TLV70509YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3W
TLV70509YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3W
TLV70509YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3W
TLV70509YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	3W
TLV70512YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BU
TLV70512YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BU
TLV70512YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BU
TLV70512YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BU
TLV70515YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BV
TLV70515YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BV
TLV70515YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BV
TLV70515YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BV
TLV705165YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CN
TLV705165YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CN
TLV705165YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CN
TLV705165YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	CN
TLV705185YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YS
TLV705185YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YS
TLV705185YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YS
TLV705185YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YS
TLV70518PYFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EV
TLV70518PYFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EV
TLV70518PYFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EV
TLV70518PYFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EV
TLV70518YFMR	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	

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TLV70518YFMR.B	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70518YFMT	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70518YFMT.B	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70518YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WT
TLV70518YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WT
TLV70518YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WT
TLV70518YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WT
TLV70525PYFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 85	EK
TLV70525PYFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 85	EK
TLV70525PYFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 85	EK
TLV70525PYFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 85	EK
TLV70525YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YB
TLV70525YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YB
TLV70525YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YB
TLV70525YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YB
TLV70528YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BW
TLV70528YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BW
TLV70528YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BW
TLV70528YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BW
TLV70528PYFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	4E
TLV70528PYFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	4E
TLV70528PYFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	4E
TLV70528PYFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	4E
TLV70528YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WU
TLV70528YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WU
TLV70528YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WU
TLV70528YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WU
TLV70530YFMR	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70530YFMR.B	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70530YFMT	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70530YFMT.B	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	

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TLV70530YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	XA
TLV70530YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	XA
TLV70530YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	XA
TLV70530YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	XA
TLV70533PYFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	5L
TLV70533PYFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	5L
TLV70533PYFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	5L
TLV70533PYFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	5L
TLV70533YFFR	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	US
TLV70533YFFR.B	Active	Production	DSBGA (YFF) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	US
TLV70533YFFT	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	US
TLV70533YFFT.B	Active	Production	DSBGA (YFF) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	US
TLV70533YFMR	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70533YFMR.B	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70533YFMT	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70533YFMT.B	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70533YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	VV
TLV70533YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	VV
TLV70533YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	VV
TLV70533YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	VV
TLV70534YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B4
TLV70534YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B4
TLV70534YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B4
TLV70534YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B4
TLV70536YFMR	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70536YFMR.B	Active	Production	DSLGA (YFM) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70536YFMT	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70536YFMT.B	Active	Production	DSLGA (YFM) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	
TLV70536YFPR	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BX
TLV70536YFPR.B	Active	Production	DSBGA (YFP) 4	3000 LARGE T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BX
TLV70536YFPT	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BX

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TLV70536YFPT.B	Active	Production	DSBGA (YFP) 4	250 SMALL T&R	Yes	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BX

- ⁽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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