

PACKAGING INFORMATION

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
TLV705075YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	3V	Samples
TLV705075YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	3V	Samples
TLV70509YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	3W	Samples
TLV70509YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	3W	Samples
TLV70512YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BU	Samples
TLV70512YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BU	Samples
TLV70515YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BV	Samples
TLV70515YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BV	Samples
TLV705165YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	CN	Samples
TLV705165YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	CN	Samples
TLV705185YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YS	Samples
TLV705185YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	YS	Samples
TLV70518PYFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EV	Samples
TLV70518PYFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	EV	Samples
TLV70518YFMR	ACTIVE	DSLGA	YFM	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70518YFMT	ACTIVE	DSLGA	YFM	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70518YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WT	Samples
TLV70518YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WT	Samples
TLV70525PYFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 85	EK	Samples
TLV70525PYFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 85	EK	Samples

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TLV70525YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YB	Samples
TLV70525YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	YB	Samples
TLV705285YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BW	Samples
TLV705285YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BW	Samples
TLV70528PYFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	4E	Samples
TLV70528PYFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SAC396	Level-1-260C-UNLIM	-40 to 125	4E	Samples
TLV70528YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WU	Samples
TLV70528YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	WU	Samples
TLV70530YFMR	ACTIVE	DSLGA	YFM	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70530YFMT	ACTIVE	DSLGA	YFM	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70530YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	XA	Samples
TLV70530YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	XA	Samples
TLV70533PYFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	5L	Samples
TLV70533PYFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	5L	Samples
TLV70533YFFR	ACTIVE	DSBGA	YFF	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	US	Samples
TLV70533YFFT	ACTIVE	DSBGA	YFF	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	US	Samples
TLV70533YFMR	ACTIVE	DSLGA	YFM	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70533YFMT	ACTIVE	DSLGA	YFM	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70533YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	VV	Samples
TLV70533YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	VV	Samples
TLV70534YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B4	Samples

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TLV70534YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	B4	Samples
TLV70536YFMR	ACTIVE	DSLGA	YFM	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70536YFMT	ACTIVE	DSLGA	YFM	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125		Samples
TLV70536YFPR	ACTIVE	DSBGA	YFP	4	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BX	Samples
TLV70536YFPT	ACTIVE	DSBGA	YFP	4	250	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	BX	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.

OBSELETE: 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.

(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.

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