

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
TL2842BD	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	-40 to 85	TL2842B	
TL2842BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	-40 to 85	2842B	
TL2842BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TL2842B	Samples
TL2842BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2842B	Samples
TL2842BP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 85	TL2842BP	Samples
TL2843BD	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	-40 to 85	TL2843B	
TL2843BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	-40 to 85	2843B	
TL2843BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TL2843B	Samples
TL2843BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2843B	Samples
TL2843BDRG4-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2843B	Samples
TL2843BP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 85	TL2843BP	Samples
TL2844BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	-40 to 85	2844B	
TL2844BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	Call TI NIPDAU	Level-1-260C-UNLIM	-40 to 85	TL2844B	Samples
TL2844BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2844B	Samples
TL2844BDRG4-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2844B	Samples
TL2845BD	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	-40 to 85	TL2845B	
TL2845BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	-40 to 85	2845B	
TL2845BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TL2845B	Samples
TL2845BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2845B	Samples
TL2845BDRG4-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	2845B	Samples
TL3842BD	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	0 to 70	TL3842B	
TL3842BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	0 to 70	3842B	
TL3842BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	TL3842B	Samples

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
TL3842BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	3842B	Samples
TL3842BP	OBSOLETE	PDIP	P	8		TBD	Call TI	Call TI	0 to 70	TL3842BP	
TL3843BD	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	0 to 70	TL3843B	
TL3843BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	0 to 70	3843B	
TL3843BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	TL3843B	Samples
TL3843BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	3843B	Samples
TL3843BP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	0 to 70	TL3843BP	Samples
TL3844BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	0 to 70	3844B	
TL3844BDR	ACTIVE	SOIC	D	14	2500	RoHS & Green	Call TI NIPDAU	Level-1-260C-UNLIM	0 to 70	TL3844B	Samples
TL3844BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	3844B	Samples
TL3844BP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	0 to 70	TL3844BP	Samples
TL3845BD	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	0 to 70	TL3845B	
TL3845BD-8	OBSOLETE	SOIC	D	8		TBD	Call TI	Call TI	0 to 70	3845B	
TL3845BDR	OBSOLETE	SOIC	D	14		TBD	Call TI	Call TI	0 to 70	TL3845B	
TL3845BDR-8	ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	0 to 70	3845B	Samples
TL3845BP	ACTIVE	PDIP	P	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	0 to 70	TL3845BP	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.

(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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OTHER QUALIFIED VERSIONS OF TL2843B :

- Automotive : [TL2843B-Q1](#)

NOTE: Qualified Version Definitions:

- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects