

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
LM117H	LIFEBUY	TO	NDT	3	500	RoHS & Green	AU	Level-1-NA-UNLIM	-55 to 150	(LM117HP+, LM117H P+)	
LM117H/NOPB	LIFEBUY	TO	NDT	3	500	RoHS & Green	AU	Level-1-NA-UNLIM	-55 to 150	(LM117HP+, LM117H P+)	
LM117K	ACTIVE	TO-3	NDS	2	50	Non-RoHS & Non-Green	Call TI	Call TI	-55 to 125	LM117K STEELP+	Samples
LM117K STEEL	ACTIVE	TO-3	NDS	2	50	Non-RoHS & Non-Green	Call TI	Call TI	-55 to 150	LM117K STEELP+	Samples
LM117K STEEL/NOPB	ACTIVE	TO-3	NDS	2	50	RoHS & Green	Call TI	Level-1-NA-UNLIM	-55 to 150	LM117K STEELP+	Samples
LM317EMP	LIFEBUY	SOT-223	DCY	4	1000	Non-RoHS & Green	Call TI	Level-1-260C-UNLIM	0 to 125	N01A	
LM317EMP/NOPB	ACTIVE	SOT-223	DCY	4	1000	RoHS & Green	SN	Level-1-260C-UNLIM	0 to 125	N01A	Samples
LM317EMPX/NOPB	ACTIVE	SOT-223	DCY	4	2000	RoHS & Green	SN	Level-1-260C-UNLIM	0 to 125	N01A	Samples
LM317H	ACTIVE	TO	NDT	3	500	RoHS & Green	AU	Level-1-NA-UNLIM	0 to 0	(LM317HP+, LM317H P+)	Samples
LM317H/NOPB	ACTIVE	TO	NDT	3	500	RoHS & Green	AU	Level-1-NA-UNLIM	0 to 0	(LM317HP+, LM317H P+)	Samples
LM317MDT/NOPB	ACTIVE	TO-252	NDP	3	75	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	LM317 MDT	Samples
LM317MDTX/NOPB	ACTIVE	TO-252	NDP	3	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	LM317 MDT	Samples
LM317S/NOPB	ACTIVE	DDPAK/ TO-263	KTT	3	45	RoHS-Exempt & Green	SN	Level-3-245C-168 HR	0 to 125	LM317S P+	Samples
LM317SX/NOPB	ACTIVE	DDPAK/ TO-263	KTT	3	500	RoHS-Exempt & Green	SN	Level-3-245C-168 HR	0 to 125	LM317S P+	Samples
LM317T	LIFEBUY	TO-220	NDE	3	45	Non-RoHS & Green	Call TI	Level-1-NA-UNLIM		LM317T P+	
LM317T/LF01	ACTIVE	TO-220	NDG	3	45	RoHS-Exempt & Green	SN	Level-4-260C-72 HR		LM317T P+	Samples
LM317T/NOPB	ACTIVE	TO-220	NDE	3	45	RoHS & Green	SN	Level-1-NA-UNLIM	0 to 125	LM317T P+	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 ≤ 1000 ppm threshold. Antimony trioxide based flame retardants must also meet the ≤ 1000 ppm 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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