

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)
LM117H	Obsolete	Production	TO (NDT) 3	-	-	Call TI	Call TI	-55 to 150	(LM117HP+, LM117H P+)
LM117K	Active	Production	TO-3 (NDS) 2	50 TRAY NON-STD	No	Call TI	Call TI	-55 to 125	LM117K STEELP+
LM117K STEEL	Active	Production	TO-3 (NDS) 2	50 TRAY NON-STD	No	Call TI	Call TI	-55 to 150	LM117K STEELP+
LM117K STEEL/NOPB	Active	Production	TO-3 (NDS) 2	50 TRAY NON-STD	Yes	Call TI	Level-1-NA-UNLIM	-55 to 150	LM117K STEELP+
LM317EMP/NOPB	Active	Production	SOT-223 (DCY) 4	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	0 to 125	N01A
LM317EMP/NOPB.B	Active	Production	SOT-223 (DCY) 4	1000 SMALL T&R	Yes	SN	Level-1-260C-UNLIM	0 to 125	N01A
LM317EMPX/NOPB	Active	Production	SOT-223 (DCY) 4	2000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	0 to 125	N01A
LM317EMPX/NOPB.B	Active	Production	SOT-223 (DCY) 4	2000 LARGE T&R	Yes	SN	Level-1-260C-UNLIM	0 to 125	N01A
LM317H	Active	Production	TO (NDT) 3	500 BULK	Yes	AU	Level-1-NA-UNLIM	0 to 0	(LM317HP+, LM317H P+)
LM317H/NOPB	Active	Production	TO (NDT) 3	500 BULK	Yes	AU	Level-1-NA-UNLIM	0 to 0	(LM317HP+, LM317H P+)
LM317MDT/NOPB	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	LM317 MDT
LM317MDT/NOPB.B	Active	Production	TO-252 (NDP) 3	75 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	LM317 MDT
LM317MDTX/NOPB	Active	Production	TO-252 (NDP) 3	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	LM317 MDT
LM317MDTX/NOPB.B	Active	Production	TO-252 (NDP) 3	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	LM317 MDT
LM317S/NOPB	Active	Production	DDPAK/ TO-263 (KTT) 3	45 TUBE	ROHS Exempt	SN	Level-3-245C-168 HR	0 to 125	LM317S P+
LM317S/NOPB.B	Active	Production	DDPAK/ TO-263 (KTT) 3	45 TUBE	ROHS Exempt	SN	Level-3-245C-168 HR	0 to 125	LM317S P+
LM317SX/NOPB	Active	Production	DDPAK/ TO-263 (KTT) 3	500 LARGE T&R	ROHS Exempt	SN	Level-3-245C-168 HR	0 to 125	LM317S P+
LM317SX/NOPB.B	Active	Production	DDPAK/ TO-263 (KTT) 3	500 LARGE T&R	ROHS Exempt	SN	Level-3-245C-168 HR	0 to 125	LM317S P+
LM317T/LF01	Active	Production	TO-220 (NDG) 3	45 TUBE	ROHS Exempt	SN	Level-4-260C-72 HR	-	LM317T P+

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LM317T/LF01.B	Active	Production	TO-220 (NDG) 3	45 TUBE	ROHS Exempt	SN	Level-4-260C-72 HR	0 to 125	LM317T P+
LM317T/NOPB	Active	Production	TO-220 (NDE) 3	45 TUBE	Yes	SN	Level-1-NA-UNLIM	0 to 125	LM317T P+
LM317T/NOPB.B	Active	Production	TO-220 (NDE) 3	45 TUBE	Yes	SN	Level-1-NA-UNLIM	0 to 125	LM317T P+

⁽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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