

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
MSPM0L1303SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	MSPM0 L1303S	Samples
MSPM0L1303TRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	MSPM0 L1303T	Samples
MSPM0L1304SDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	M0L1304S	Samples
MSPM0L1304SDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	L1304S	Samples
MSPM0L1304SDYYR	ACTIVE	SOT-23-THIN	DYY	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	M0L1304S	Samples
MSPM0L1304SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	MSPM0 L1304S	Samples
MSPM0L1304SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	MSPM0 L1304S	Samples
MSPM0L1304SRTRR	ACTIVE	WQFN	RTR	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	L1304S	Samples
MSPM0L1304TDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	M0L1304T	Samples
MSPM0L1304TDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	L1304T	Samples
MSPM0L1304TDYYR	ACTIVE	SOT-23-THIN	DYY	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	M0L1304T	Samples
MSPM0L1304TRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	MSPM0 L1304T	Samples
MSPM0L1304TRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	MSPM0 L1304T	Samples
MSPM0L1305SDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	M0L1305S	Samples
MSPM0L1305SDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	L1305S	Samples
MSPM0L1305SDYYR	ACTIVE	SOT-23-THIN	DYY	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	M0L1305S	Samples
MSPM0L1305SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	MSPM0 L1305S	Samples
MSPM0L1305SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	MSPM0 L1305S	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
MSPM0L1305SRTRR	ACTIVE	WQFN	RTR	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	L1305S	Samples
MSPM0L1305TDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	M0L1305T	Samples
MSPM0L1305TDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	L1305T	Samples
MSPM0L1305TDYYR	ACTIVE	SOT-23-THIN	DYY	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	M0L1305T	Samples
MSPM0L1305TRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	MSPM0 L1305T	Samples
MSPM0L1305TRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	MSPM0 L1305T	Samples
MSPM0L1306SDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	M0L1306S	Samples
MSPM0L1306SDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	L1306S	Samples
MSPM0L1306SDYYR	ACTIVE	SOT-23-THIN	DYY	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	M0L1306S	Samples
MSPM0L1306SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	MSPM0 L1306S	Samples
MSPM0L1306SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	MSPM0 L1306S	Samples
MSPM0L1306SRTRR	ACTIVE	WQFN	RTR	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	L1306S	Samples
MSPM0L1306TDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	M0L1306T	Samples
MSPM0L1306TDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	L1306T	Samples
MSPM0L1306TDYYR	ACTIVE	SOT-23-THIN	DYY	16	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	M0L1306T	Samples
MSPM0L1306TRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 105	MSPM0 L1306T	Samples
MSPM0L1306TRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	MSPM0 L1306T	Samples
MSPM0L1343TDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	M0L1343T	Samples
MSPM0L1344TDGS20R	ACTIVE	VSSOP	DGS	20	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	M0L1344T	Samples
MSPM0L1345TDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	L1345T	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
MSPM0L1346TDGS28R	ACTIVE	VSSOP	DGS	28	5000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	L1346T	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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OTHER QUALIFIED VERSIONS OF MSPM0L1304, MSPM0L1305, MSPM0L1306 :

- Automotive : [MSPM0L1304-Q1](#), [MSPM0L1305-Q1](#), [MSPM0L1306-Q1](#)

NOTE: Qualified Version Definitions:

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