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
MSP430F6745IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745	Samples
MSP430F6745IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745	Samples
MSP430F6746IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746	Samples
MSP430F6746IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746	Samples
MSP430F6747IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747	Samples
MSP430F6747IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747	Samples
MSP430F6747IPZR	ACTIVE	LQFP	PZ	100	1000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747	Samples
MSP430F6748IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748	Samples
MSP430F6748IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748	Samples
MSP430F6749IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749	Samples
MSP430F6749IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749	Samples
MSP430F6765IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765	Samples
MSP430F6765IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765	Samples
MSP430F6765IPZR	ACTIVE	LQFP	PZ	100	1000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765	Samples
MSP430F6766IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766	Samples
MSP430F6766IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766	Samples
MSP430F6767IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767	Samples
MSP430F6767IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767	Samples
MSP430F6768IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768	Samples
MSP430F6768IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768	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
MSP430F6769IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769	Samples
MSP430F6769IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769	Samples
MSP430F6775IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775	Samples
MSP430F6775IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775	Samples
MSP430F6775IPZR	ACTIVE	LQFP	PZ	100	1000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775	Samples
MSP430F6776IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776	Samples
MSP430F6776IPEUR	ACTIVE	LQFP	PEU	128	750	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776	Samples
MSP430F6776IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776	Samples
MSP430F6777IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777	Samples
MSP430F6777IPEUR	ACTIVE	LQFP	PEU	128	750	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777	Samples
MSP430F6777IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777	Samples
MSP430F6777IPZR	ACTIVE	LQFP	PZ	100	1000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777	Samples
MSP430F6778IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778	Samples
MSP430F6778IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778	Samples
MSP430F6779IPEU	ACTIVE	LQFP	PEU	128	72	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779	Samples
MSP430F6779IPEUR	ACTIVE	LQFP	PEU	128	750	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779	Samples
MSP430F6779IPZ	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779	Samples
MSP430F6779IPZR	ACTIVE	LQFP	PZ	100	1000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779	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.