

**PACKAGING INFORMATION**

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead/Ball Finish (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
MSP430F6720AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6720A	<a href="#">Samples</a>
MSP430F6720AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6720A	<a href="#">Samples</a>
MSP430F6720AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6720A	<a href="#">Samples</a>
MSP430F6720AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6720A	<a href="#">Samples</a>
MSP430F6721AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6721A	<a href="#">Samples</a>
MSP430F6721AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6721A	<a href="#">Samples</a>
MSP430F6721AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6721A	<a href="#">Samples</a>
MSP430F6721AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6721A	<a href="#">Samples</a>
MSP430F6723AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6723A	<a href="#">Samples</a>
MSP430F6723AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6723A	<a href="#">Samples</a>
MSP430F6723AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6723A	<a href="#">Samples</a>
MSP430F6723AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6723A	<a href="#">Samples</a>
MSP430F6724AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6724A	<a href="#">Samples</a>
MSP430F6724AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6724A	<a href="#">Samples</a>
MSP430F6724AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6724A	<a href="#">Samples</a>
MSP430F6724AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6724A	<a href="#">Samples</a>
MSP430F6725AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6725A	<a href="#">Samples</a>

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead/Ball Finish (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
MSP430F6725AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6725A	<a href="#">Samples</a>
MSP430F6725AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6725A	<a href="#">Samples</a>
MSP430F6725AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6725A	<a href="#">Samples</a>
MSP430F6726AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6726A	<a href="#">Samples</a>
MSP430F6726AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6726A	<a href="#">Samples</a>
MSP430F6726AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6726A	<a href="#">Samples</a>
MSP430F6726AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6726A	<a href="#">Samples</a>
MSP430F6730AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6730A	<a href="#">Samples</a>
MSP430F6730AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6730A	<a href="#">Samples</a>
MSP430F6730AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6730A	<a href="#">Samples</a>
MSP430F6730AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6730A	<a href="#">Samples</a>
MSP430F6731AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6731A	<a href="#">Samples</a>
MSP430F6731AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6731A	<a href="#">Samples</a>
MSP430F6731AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6731A	<a href="#">Samples</a>
MSP430F6731AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6731A	<a href="#">Samples</a>
MSP430F6733AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6733A	<a href="#">Samples</a>
MSP430F6733AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6733A	<a href="#">Samples</a>
MSP430F6733AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6733A	<a href="#">Samples</a>

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MSP430F6733AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6733A	<a href="#">Samples</a>
MSP430F6734AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6734A	<a href="#">Samples</a>
MSP430F6734AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6734A	<a href="#">Samples</a>
MSP430F6734AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6734A	<a href="#">Samples</a>
MSP430F6734AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6734A	<a href="#">Samples</a>
MSP430F6735AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6735A	<a href="#">Samples</a>
MSP430F6735AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6735A	<a href="#">Samples</a>
MSP430F6735AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6735A	<a href="#">Samples</a>
MSP430F6735AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6735A	<a href="#">Samples</a>
MSP430F6736AIPN	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6736A	<a href="#">Samples</a>
MSP430F6736AIPNR	ACTIVE	LQFP	PN	80	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6736A	<a href="#">Samples</a>
MSP430F6736AIPZ	ACTIVE	LQFP	PZ	100	90	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6736A	<a href="#">Samples</a>
MSP430F6736AIPZR	ACTIVE	LQFP	PZ	100	1000	Green (RoHS & no Sb/Br)	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6736A	<a href="#">Samples</a>

(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  $\leq 1000$ ppm threshold. Antimony trioxide based flame retardants must also meet the  $\leq 1000$ 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/Ball Finish - Orderable Devices may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead/Ball Finish values may wrap to two lines if the finish value exceeds the maximum column width.

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