

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
MSP430FR5720IPW	ACTIVE	TSSOP	PW	28	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5720	Samples
MSP430FR5720IPWR	ACTIVE	TSSOP	PW	28	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5720	Samples
MSP430FR5720IRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5720	Samples
MSP430FR5720IRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5720	Samples
MSP430FR5721IDA	ACTIVE	TSSOP	DA	38	40	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5721	Samples
MSP430FR5721IDAR	ACTIVE	TSSOP	DA	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5721	Samples
MSP430FR5721IRHAR	ACTIVE	VQFN	RHA	40	2500	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5721	Samples
MSP430FR5721IRHAT	ACTIVE	VQFN	RHA	40	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5721	Samples
MSP430FR5722IPW	ACTIVE	TSSOP	PW	28	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5722	Samples
MSP430FR5722IRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5722	Samples
MSP430FR5723IRHAR	ACTIVE	VQFN	RHA	40	2500	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5723	Samples
MSP430FR5723IRHAT	ACTIVE	VQFN	RHA	40	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5723	Samples
MSP430FR5724IPW	ACTIVE	TSSOP	PW	28	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5724	Samples
MSP430FR5724IPWR	ACTIVE	TSSOP	PW	28	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5724	Samples
MSP430FR5724IRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5724	Samples
MSP430FR5724IRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5724	Samples
MSP430FR5725IDA	ACTIVE	TSSOP	DA	38	40	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5725	Samples
MSP430FR5725IDAR	ACTIVE	TSSOP	DA	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5725	Samples

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MSP430FR5725IRHAR	ACTIVE	VQFN	RHA	40	2500	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5725	Samples
MSP430FR5725IRHAT	ACTIVE	VQFN	RHA	40	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5725	Samples
MSP430FR5726IPW	ACTIVE	TSSOP	PW	28	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5726	Samples
MSP430FR5726IRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5726	Samples
MSP430FR5727IDAR	ACTIVE	TSSOP	DA	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5727	Samples
MSP430FR5727IRHAT	ACTIVE	VQFN	RHA	40	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5727	Samples
MSP430FR5728IPW	ACTIVE	TSSOP	PW	28	50	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5728	Samples
MSP430FR5728IPWR	ACTIVE	TSSOP	PW	28	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5728	Samples
MSP430FR5728IRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5728	Samples
MSP430FR5728IRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5728	Samples
MSP430FR5729IDA	ACTIVE	TSSOP	DA	38	40	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5729	Samples
MSP430FR5729IDAR	ACTIVE	TSSOP	DA	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5729	Samples
MSP430FR5729IRHAR	ACTIVE	VQFN	RHA	40	2500	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5729	Samples
MSP430FR5729IRHAT	ACTIVE	VQFN	RHA	40	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5729	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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