

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)
MSP430FR5720IPW	Active	Production	TSSOP (PW) 28	50 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5720
MSP430FR5720IPWR	Active	Production	TSSOP (PW) 28	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5720
MSP430FR5720IRGER	Active	Production	VQFN (RGE) 24	3000 LARGE T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5720
MSP430FR5720IRGET	Active	Production	VQFN (RGE) 24	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5720
MSP430FR5721IDA	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5721
MSP430FR5721IDAR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5721
MSP430FR5721IRHAR	Active	Production	VQFN (RHA) 40	2500 LARGE T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5721
MSP430FR5721IRHAT	Active	Production	VQFN (RHA) 40	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5721
MSP430FR5722IPW	Active	Production	TSSOP (PW) 28	50 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5722
MSP430FR5722IRGET	Active	Production	VQFN (RGE) 24	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5722
MSP430FR5723IRHAR	Active	Production	VQFN (RHA) 40	2500 LARGE T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5723
MSP430FR5723IRHAT	Active	Production	VQFN (RHA) 40	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5723
MSP430FR5724IPW	Active	Production	TSSOP (PW) 28	50 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5724
MSP430FR5724IPWR	Active	Production	TSSOP (PW) 28	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5724
MSP430FR5724IRGER	Active	Production	VQFN (RGE) 24	3000 LARGE T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5724
MSP430FR5724IRGET	Active	Production	VQFN (RGE) 24	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR 5724
MSP430FR5725IDA	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5725
MSP430FR5725IDAR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5725
MSP430FR5725IRHAR	Active	Production	VQFN (RHA) 40	2500 LARGE T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5725
MSP430FR5725IRHAT	Active	Production	VQFN (RHA) 40	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430 FR5725
MSP430FR5726IPW	Active	Production	TSSOP (PW) 28	50 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5726

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MSP430FR5726IRGER	Active	Production	VQFN (RGE) 24	3000 LARGE T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR5726
MSP430FR5727IDAR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5727
MSP430FR5727IRHAT	Active	Production	VQFN (RHA) 40	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430FR5727
MSP430FR5728IPW	Active	Production	TSSOP (PW) 28	50 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5728
MSP430FR5728IPWR	Active	Production	TSSOP (PW) 28	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	430FR5728
MSP430FR5728IRGER	Active	Production	VQFN (RGE) 24	3000 LARGE T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR5728
MSP430FR5728IRGET	Active	Production	VQFN (RGE) 24	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-2-260C-1 YEAR	-40 to 85	430FR5728
MSP430FR5729IDA	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5729
MSP430FR5729IDAR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 85	M430FR5729
MSP430FR5729IRHAR	Active	Production	VQFN (RHA) 40	2500 LARGE T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430FR5729
MSP430FR5729IRHAT	Active	Production	VQFN (RHA) 40	250 SMALL T&R	Yes	NIPDAU NIPDAU	Level-3-260C-168 HR	-40 to 85	M430FR5729

⁽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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