



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20181214002.A
Datasheet update for CC430Fxx, MSP430F5xx, MSP430F6xx, and MSP430Vxx
Information Only Datasheet

Additional Affected Devices: The PCN rev A is being released to add devices to the affected device list for changes to datasheets as previously communicated. Affected datasheets are SLAS700C, SLAS718H and SLAS590N. The additional devices are yellow highlighted in the affected device list below.

Date: January 29, 2019
To: TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this notification are for your information only.

Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services

20181214002.A
Information Only Datasheet
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
MSP430F5529IPNR	null
MSP430F5528IZQE	null
MSP430F5528IZQER	null
MSP430F5524IRGCR	null
MSP430F5524IRGCT	null

Technical details of this Product Change follow on the next page(s).

Notification Number:	20181214002	Notification Date:	Jan. 29, 2019
Title:	Datasheet update for CC430Fxx, MSP430F5xx, MSP430F6xx, and MSP430Vxx		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
☐ Assembly Site	☐ Design	☐ Wafer Bump Site	
☐ Assembly Process	☒ Data Sheet	☐ Wafer Bump Material	
☐ Assembly Materials	☐ Part number change	☐ Wafer Bump Process	
☐ Mechanical Specification	☐ Test Site	☐ Wafer Fab Site	
☐ Packing/Shipping/Labeling	☐ Test Process	☐ Wafer Fab Materials	
		☐ Wafer Fab Process	

Notification Details		
Description of Change:		
Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details. Additional Affected Devices: The PCN rev A is being released to add devices to the affected device list for changes to datasheets as previously communicated. Affected datasheets are SLAS700C, SLAS718H and SLAS590N. The additional devices are yellow highlighted in the affected device list below. Review DS revision history for detailed change description. Various changes have been made to each of the datasheets listed below. The change to the PMM BORH and COMP_B tEN information is most significant from the list of changes included in the revision histories. The datasheet number will be changing.		
Device Family	Change From:	Change To:
CC430F6137, CC430F6135, CC430F6127, CC430F6126, CC430F6125 CC430F5137, CC430F5135, CC430F5133	SLAS554H	SLAS554I
CC430F6147, CC430F6145, CC430F6143 CC430F5147, CC430F5145, CC430F5143 CC430F5125, CC430F5123	SLAS555A	SLAS555B
MSP430F5249, MSP430F5247, MSP430F5244, MSP430F5242 MSP430F5239, MSP430F5237, MSP430F5234, MSP430F5232	SLAS897A	SLAS897B
MSP430F5310, MSP430F5309, MSP430F5308, MSP430F5304	SLAS677E	SLAS677F
MSP430F5329, MSP430F5328, MSP430F5327 MSP430F5326, MSP430F5325, MSP430F5324	SLAS678D	SLAS678E
MSP430F5338, MSP430F5336, MSP430F5335, MSP430F5333	SLAS721D	SLAS721E
MSP430F5342, MSP430F5341, MSP430F5340	SLAS706E	SLAS706F
MSP430F5510, MSP430F5509, MSP430F5508	SLAS645J	SLAS645K

MSP430F5507, MSP430F5506, MSP430F5505, MSP430F5504 MSP430F5503, MSP430F5502, MSP430F5501, MSP430F5500		
MSP430F5638, MSP430F5637, MSP430F5636, MSP430F5635 MSP430F5634, MSP430F5633, MSP430F5632, MSP430F5631, MSP430F5630	SLAS650E	SLAS650F
MSP430F6438, MSP430F6436, MSP430F6435, MSP430F6433	SLAS720D	SLAS720E
MSP430F6638, MSP430F6637, MSP430F6636, MSP430F6635 MSP430F6634, MSP430F6633, MSP430F6632, MSP430F6631, MSP430F6630	SLAS566E	SLAS566F
MSP430F6659, MSP430F6658, MSP430F6459, MSP430F6458 MSP430F5659, MSP430F5658, MSP430F5359, MSP430F5358	SLAS700C	SLAS700D
MSP430F5259, MSP430F5258, MSP430F5257, MSP430F5256 MSP430F5255, MSP430F5254, MSP430F5253, MSP430F5252	SLAS903B	SLAS903C
MSP430V275 [MSP430F5529]	SLAS801A	SLAS801B
MSP430V294 [MSP430F5229]	SLAS747C	SLAS747D
MSP430V317 [MSP430F663x]	SLAS739B	SLAS739C
MSP430V345 [MSP430F5529]	SLAS957	SLAS957A
MSP430V346 [MSP430F663x]	SLAS769	SLAS769A
MSP430V373 [MSP430F5229]	SLAS869A	SLAS869B
MSP430V375 [MSP430F5529]	SLAS958	SLAS958A
MSP430V406 [MSP430F5509]	SLASE65	SLASE65A
MSP430V407 [MSP430F663x]	SLASE79	SLASE79A
MSP430V560 [MSP430F5309]	SLAS871	SLAS871A
MSP430V574 [MSP430F5509]	SLASE15	SLASE15A
MSP430F5229, MSP430F5227, MSP430F5224, MSP430F5222 MSP430F5219, MSP430F5217, MSP430F5214, MSP430F5212	SLAS718G	SLAS718H
MSP430F5529, MSP430F5528, MSP430F5527, MSP430F5526 MSP430F5525, MSP430F5524, MSP430F5522, MSP430F5521 MSP430F5519, MSP430F5517, MSP430F5515, MSP430F5514, MSP430F5513	SLAS590M	SLAS590N

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/CC430F6137>

<http://www.ti.com/product/CC430F6147>

<http://www.ti.com/product/MSP430F5249>

<http://www.ti.com/product/MSP430F5310>

<http://www.ti.com/product/MSP430F5329>

<http://www.ti.com/product/MSP430F5338>

<http://www.ti.com/product/MSP430F5342>
<http://www.ti.com/product/MSP430F5510>
<http://www.ti.com/product/MSP430F5638>
<http://www.ti.com/product/MSP430F6438>
<http://www.ti.com/product/MSP430F6638>
<http://www.ti.com/product/MSP430F6659>
<http://www.ti.com/product/MSP430F5259>
<http://www.ti.com/product/MSP430F5229>
<http://www.ti.com/product/MSP430F5529>

To review the changes to the MSP430Vxxx device datasheets please refer to the master device datasheet as listed in the table above.

Reason for Change:

The Datasheet for selected devices will be aligned with actual performance. The PMM BORH and COMP_B tEN will be changed, beyond other editorial changes.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this PCN:

None.

Product Affected:

CC430F6125IRGCR	MSP430F5259IRGCR	MSP430F5500IRGZR	MSP430F5637IPZ
CC430F6126IRGCR	MSP430F5259IRGCT	MSP430F5500IRGZT	MSP430F5637IPZR
CC430F6127IRGCR	MSP430F5259IZQE	MSP430F5501IRGZR	MSP430F5637IZQWR
CC430F6127IRGCT	MSP430F5259IZQER	MSP430F5501IRGZT	MSP430F5638IPZ
CC430F6135IRGCR	MSP430F5304IPT	MSP430F5502IRGZR	MSP430F5638IPZR
CC430F6135IRGCT	MSP430F5304IPTR	MSP430F5502IRGZT	MSP430F5638IZQWR
CC430F6137IRGCR	MSP430F5304IRGZR	MSP430F5503IRGZR	MSP430F5638IZQWT
CC430F6137IRGCT	MSP430F5304IRGZT	MSP430F5503IRGZT	MSP430F6433IPZ
CC430F6143IRGCR	MSP430F5308IPT	MSP430F5504IPT	MSP430F6433IPZR
CC430F6145IRGCR	MSP430F5308IPTR	MSP430F5504IPTR	MSP430F6433IZQWR
CC430F6147IRGCR	MSP430F5308IRGCR	MSP430F5504IRGZR	MSP430F6433IZQWT
CC430F6147IRGCT	MSP430F5308IRGCT	MSP430F5504IRGZT	MSP430F6435IPZ
CC430V365IRGCR	MSP430F5308IRGZR	MSP430F5505IRGZR	MSP430F6435IPZR
MSP430A152IRGCR	MSP430F5308IRGZT	MSP430F5505IRGZT	MSP430F6435IZQWR
MSP430F5232IRGZR	MSP430F5308IZQE	MSP430F5506IRGZR	MSP430F6435IZQWT
MSP430F5232IRGZT	MSP430F5308IZQER	MSP430F5506IRGZT	MSP430F6436IPZ
MSP430F5234IRGZR	MSP430F5309IPT	MSP430F5507IRGZR	MSP430F6436IPZR
MSP430F5234IRGZT	MSP430F5309IRGCR	MSP430F5507IRGZT	MSP430F6436IZQWR
MSP430F5237IRGCR	MSP430F5309IRGCT	MSP430F5508IPT	MSP430F6438IPZ
MSP430F5237IRGCT	MSP430F5309IRGZR	MSP430F5508IPTR	MSP430F6438IPZR
MSP430F5237IZQE	MSP430F5309IRGZT	MSP430F5508IRGCR	MSP430F6438IZQWR
MSP430F5237IZQER	MSP430F5309IZQE	MSP430F5508IRGCT	MSP430F6630IPZ
MSP430F5239IRGCR	MSP430F5309IZQER	MSP430F5508IRGZR	MSP430F6630IPZR

MSP430F5239IRGCT	MSP430F5310IPT	MSP430F5508IRGZT	MSP430F6630IZQWR
MSP430F5239IZQE	MSP430F5310IPTR	MSP430F5508IZQE	MSP430F6631IPZ
MSP430F5239IZQER	MSP430F5310IRGCR	MSP430F5508IZQER	MSP430F6631IPZR
MSP430F5242IRGZR	MSP430F5310IRGCT	MSP430F5509IPT	MSP430F6631IZQWR
MSP430F5242IRGZT	MSP430F5310IRGZR	MSP430F5509IPTR	MSP430F6632IPZ
MSP430F5244IRGZR	MSP430F5310IRGZT	MSP430F5509IRGCR	MSP430F6632IPZR
MSP430F5244IRGZT	MSP430F5310IZQE	MSP430F5509IRGCT	MSP430F6632IZQWR
MSP430F5247IRGCR	MSP430F5310IZQER	MSP430F5509IRGZR	MSP430F6633IPZ
MSP430F5247IRGCT	MSP430F5324IRGCR	MSP430F5509IRGZT	MSP430F6633IPZR
MSP430F5247IZQE	MSP430F5324IRGCT	MSP430F5509IZQE	MSP430F6633IZQWR
MSP430F5247IZQER	MSP430F5324IZQE	MSP430F5509IZQER	MSP430F6633IZQWT
MSP430F5249CY	MSP430F5324IZQER	MSP430F5510CY	MSP430F6634IPZ
MSP430F5249CYS	MSP430F5325IPN	MSP430F5510CYS	MSP430F6634IPZR
MSP430F5249IRGCR	MSP430F5325IPNR	MSP430F5510IPT	MSP430F6634IZQWR
MSP430F5249IRGCT	MSP430F5326IRGCR	MSP430F5510IPTR	MSP430F6635IPZ
MSP430F5249IZQE	MSP430F5326IRGCT	MSP430F5510IRGCR	MSP430F6635IPZR
MSP430F5249IZQER	MSP430F5326IZQE	MSP430F5510IRGCT	MSP430F6635IZQWR
MSP430F5252IRGCR	MSP430F5326IZQER	MSP430F5510IRGZR	MSP430F6636IPZ
MSP430F5252IRGCT	MSP430F5327IPN	MSP430F5510IRGZT	MSP430F6636IPZR
MSP430F5252IZQE	MSP430F5327IPNR	MSP430F5510IZQE	MSP430F6636IZQWR
MSP430F5252IZQER	MSP430F5328IRGCR	MSP430F5510IZQER	MSP430F6637IPZ
MSP430F5253IRGCR	MSP430F5328IRGCT	MSP430F5630IPZ	MSP430F6637IPZR
MSP430F5253IRGCT	MSP430F5328IZQE	MSP430F5630IPZR	MSP430F6637IZQWR
MSP430F5253IZQE	MSP430F5328IZQER	MSP430F5630IZQWR	MSP430F6638CY
MSP430F5253IZQER	MSP430F5329IPN	MSP430F5630IZQWT	MSP430F6638CYS
MSP430F5254IRGCR	MSP430F5329IPNR	MSP430F5631IPZ	MSP430F6638IPZ
MSP430F5254IRGCT	MSP430F5333IPZ	MSP430F5631IPZR	MSP430F6638IPZR
MSP430F5254IZQE	MSP430F5333IPZR	MSP430F5631IZQWR	MSP430F6638IZQWR
MSP430F5254IZQER	MSP430F5333IZQWR	MSP430F5632IPZ	MSP430F6638IZQWT
MSP430F5255IRGCR	MSP430F5335IPZ	MSP430F5632IPZR	MSP430F6658IPZ
MSP430F5255IRGCT	MSP430F5335IPZR	MSP430F5632IZQWR	MSP430F6658IPZR
MSP430F5255IZQE	MSP430F5335IZQWR	MSP430F5632IZQWT	MSP430F6658IZQWR
MSP430F5255IZQER	MSP430F5335IZQWT	MSP430F5633IPZ	MSP430F6659CY
MSP430F5256IRGCR	MSP430F5336IPZ	MSP430F5633IPZR	MSP430F6659CYS
MSP430F5256IRGCT	MSP430F5336IPZR	MSP430F5633IZQWR	MSP430F6659IPZ
MSP430F5256IZQE	MSP430F5336IZQWR	MSP430F5633IZQWT	MSP430F6659IPZR
MSP430F5256IZQER	MSP430F5336IZQWT	MSP430F5634IPZ	MSP430F6659IZQWR
MSP430F5257IRGCR	MSP430F5338IPZ	MSP430F5634IPZR	MSP430F6659IZQWT
MSP430F5257IRGCT	MSP430F5338IPZR	MSP430F5634IZQWR	MSP430V294IZQER
MSP430F5257IZQE	MSP430F5338IZQWR	MSP430F5634IZQWT	MSP430V317IZQWR
MSP430F5257IZQER	MSP430F5338IZQWT	MSP430F5635IPZ	MSP430V345IZQER
MSP430F5258IRGCR	MSP430F5340IRGZR	MSP430F5635IPZR	MSP430V346SPM
MSP430F5258IRGCT	MSP430F5340IRGZT	MSP430F5635IZQWR	MSP430V346SPMR

MSP430F5258IZQE	MSP430F5341IRGZR	MSP430F5635IZQWT	MSP430V375IRGCR
MSP430F5258IZQER	MSP430F5341IRGZT	MSP430F5636IPZ	MSP430V406IZQER
MSP430F5259CY	MSP430F5342IRGZR	MSP430F5636IPZR	MSP430V407SPMR
MSP430F5259CYS	MSP430F5342IRGZT	MSP430F5636IZQWR	MSP430V574IZQER
MSP430F5358IZQWR	MSP430F5358IZQWT	MSP430F5358IPZ	MSP430F5358IPZR
MSP430F5658IPZ	MSP430F5359IPZ	MSP430F5359IPZR	MSP430F5359IZQWT
MSP430F5659IPZ	MSP430F5658IPZR	MSP430F5359IZQWR	MSP430F5658IZQWT
MSP430F5659IZQWR	MSP430F5659IPZR	MSP430F5658IZQWR	MSP430F5659IZQWT
MSP430F5212IRGZT	MSP430F5212IRGZR	MSP430F5214IRGZR	MSP430F5214IRGZT
MSP430F5217IRGCT	MSP430F5217IRGCR	MSP430F5217IZQE	MSP430F5217IZQER
MSP430F5218IZQE	MSP430F5218IRGCT	MSP430F5219IZQER	MSP430F5219IRGCR
MSP430F5219IRGCT	MSP430F5219IZQE	MSP430F5224IRGZT	MSP430F5222IRGZR
MSP430F5222IRGZT	MSP430F5224IRGZR	MSP430F5227IRGCR	MSP430F5227IRGCT
MSP430F5227IZQE	MSP430F5227IZQER	MSP430F5229IRGCR	MSP430F5229IRGCT
MSP430F5229IZQE	MSP430F5229IZQER	MSP430F5513IRGCR	MSP430F5517IPN
MSP430F5522IZQER	MSP430F5524IRGCT	MSP430F5513IZQE	MSP430F5517IPNR
MSP430F5524IRGCR	MSP430F5524IZQER	MSP430F5513IZQER	MSP430F5519IPN
MSP430F5525IPN	MSP430F5514IRGCR	MSP430F5519IPNR	MSP430F5525IPNR
MSP430F5514IRGCT	MSP430F5521IPN	MSP430F5514IZQE	MSP430F5521IPNR
MSP430F5526IZQE	MSP430F5514IZQER	MSP430F5522IRGCR	MSP430F5526IRGCR
MSP430F5526IZQER	MSP430F5515IPN	MSP430F5522IRGCT	MSP430F5526IRGCT
MSP430F5527IPN	MSP430F5515IPNR	MSP430F5522IZQE	MSP430F5529IPNR
MSP430F5527IPNR	MSP430F5528IRGCT	MSP430F5528IZQER	
MSP430F5528IRGCR	MSP430F5528IZQE	MSP430F5529IPN	

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com