

Notification Number:	20230208002.0	Notification Date:	February 16, 2023
Title:	Datasheet for TCA6408A, TCA6424A, TCA6416A, and TCA6408A-Q1		
Customer Contact:	Notification Manager	Dept:	Quality Services

Change Type: Electrical Specification

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.



TCA6408A

SCPS192E – APRIL 2009 – REVISED JANUARY 2023

Changes from Revision D (July 2015) to Revision E (January 2023)	Page
• Changed all instances of legacy terminology to controller and target where I ² C is mentioned.....	1
• Added paragraph: "Ramping up the device V _{CCP} " to <i>Power-On Reset Requirements</i>	31



TCA6424A

SCPS193D – JULY 2010 – REVISED JANUARY 2023

Changes from Revision C (April 2014) to Revision D (January 2023)	Page
• Deleted all references to the RSM package	1
• Changed all instances of legacy terminology to controller and target where I ² C is mentioned.....	1
• Deleted Package thermal impedance from the <i>Absolute Maximum Ratings</i> table.....	6
• Added Storage temperature range to the <i>Absolute Maximum Ratings</i> table.....	6
• Changed Handling Ratings To: <i>ESD Ratings</i>	6
• Added the <i>Thermal Information</i> table.....	7
• Added the <i>Application and Implementation</i> NOTE.....	27
• Added the <i>Detailed Design Procedure</i> section.....	27
• Added paragraph: "Ramping up the device V _{CCP} " to <i>Power Supply Recommendations</i>	28



TCA6416A

SCPS194F – MAY 2009 – REVISED JANUARY 2023

Changes from Revision E (July 2020) to Revision F (January 2023)	Page
• Changed all instances of legacy terminology to controller and target where I ² C is mentioned.....	1
• Changed the Pin Configuration and Functions section.....	3
• Added paragraph: "Ramping up the device V _{CCP} " to <i>Power-On Reset Requirements</i>	29



TCA6408A-Q1

SCPS234A – SEPTEMBER 2016 – REVISED FEBRUARY 2023

Changes from Revision * (September 2016) to Revision A (February 2023)	Page
• Changed all instances of legacy terminology to controller and target where I ² C is mentioned.....	1
• Added Feature: AEC-Q100 qualified for automotive applications.....	1
• Added the HBM and CDM ESD classification levels.....	4
• Added paragraph: "Ramping up the device V _{CCP} " to <i>Power-On Reset Requirements</i>	30

The datasheet number will be changing.

Device Family	Change From:	Change To:
TCA6408A	SCPS192D	SCPS192E
TCA6424A	SCPS193C	SCPS193D

TCA6416A	SCPS194E	SCPS194F	
TCA6408A-Q1	SCPS234	SCPS234A	
<p>These changes may be reviewed at the datasheet links provided. http://www.ti.com/product/TCA6408A http://www.ti.com/product/TCA6424A http://www.ti.com/product/TCA6416A http://www.ti.com/product/TCA6408A-Q1</p>			
Reason for Change:			
To accurately reflect device characteristics.			
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 notification:			
None.			
Product Affected:			
TCA6408APWR	TCA6408ARGTR	TCA6408ARSVR	TCA6424ARGJR
TCA6416APWR	TCA6416ARTWR	TCA6408AQPWRQ1	

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

Location	E-Mail
WW Change Management Team	PCN_ww_admin_team@list.ti.com

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