



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20230208002.0
Datasheet for TCA6408A, TCA6424A, TCA6416A, and TCA6408A-Q1
Information Only

Date: February 16, 2023
To: PREMIER FARNELL PCN

Dear Customer:

This is an information-only announcement of a change to the datasheet for 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 Change Management team (PCN_ww_admin_team@list.ti.com).

Sincerely,

Change Management Team
SC Business Services

Information Only 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) or sixty (60) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TCA6416ARTWR	null

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

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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