



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20240819002.0

Datasheet for TS3USB221E, UCC21756-Q1, UCC21755-Q1, UCC21737-Q1, UCC21717-Q1, and UCC21710-Q1

Information Only Datasheet

Date: August 20, 2024

To: MOUSER 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 Change Management team.

Sincerely,

Change Management Team
SC Business Services

20240819002.0
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, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TS3USB221EDRCR	NULL
TS3USB221ERSER	NULL
UCC21717QDWRQ1	NULL
UCC21737QDWRQ1	NULL
UCC21755QDWRQ1	NULL
UCC21756QDWRQ1	NULL

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

PCN Number:	20240819002.0	PCN Date:	August 20, 2024
Title:	Datasheet for TS3USB221E, UCC21756-Q1, UCC21755-Q1, UCC21737-Q1. UCC21717-Q1, and UCC21710-Q1		
Customer Contact:	Change Management team	Dept:	Quality Services
Change Type:	Electrical Specification		

PCN 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.



TS3USB221E

SCDS263E – SEPTEMBER 2009 – REVISED JULY 2024

Changes from Revision D (September 2019) to Revision E (July 2024)	Page
• Updated the numbering format for tables, figures, and cross-references throughout the document.....	1
• Changed ESD HBM performance testing standard from: JESD 22 to: JEDEC JS-001.....	4
• Changed ESD CDM performance testing standard from: JESD22-C101 to: JEDEC JS-002.....	4
• Added tablenote to the Data input/output voltage parameter.....	4
• Changed RSE (UQFN) junction-to-ambient thermal resistance value from: 169.8°C/W to: 204.8°C/W.....	5
• Changed RSE (UQFN) junction-to-case (top) thermal resistance value from: 84.7°C/W to: 118.1°C/W.....	5
• Changed RSE (UQFN) junction-to-board thermal resistance value from: 94.9°C/W to: 121.5°C/W.....	5
• Changed RSE (UQFN) junction-to-top characterization parameter value from: 5.7°C/W to: 13.9°C/W.....	5
• Changed RSE (UQFN) junction-to-board characterization parameter value from: 94.9°C/W to: 121.2°C/W.....	5
• Changed the V_{IK} value in the <i>Electrical Characteristics</i> table from: -1.8V maximum to: -1.8V minimum.....	5
• Changed the graphs in the <i>Typical Characteristics</i> section.....	7



UCC21756-Q1

SLUSEN8A – APRIL 2023 – REVISED JUNE 2024

Changes from Revision * (April 2023) to Revision A (June 2024)	Page
• Changed device temperature grade.....	1
• Deleted ESD classifications from Features.....	1
• Deleted ESD classifications from Specifications.....	4



UCC21755-Q1

SLUSEM9A – SEPTEMBER 2022 – REVISED JUNE 2024

Changes from Revision * (September 2022) to Revision A (June 2024)	Page
• Changed device temperature grade.....	1
• Deleted ESD classifications from Features.....	1
• Deleted ESD classifications from Specifications.....	4



UCC21737-Q1

SLUSEM3C – MARCH 2022 – REVISED JUNE 2024

Changes from Revision B (January 2023) to Revision C (June 2024)	Page
• Change device temperature grade to grade 1.....	1
• Deleted ESD classifications from Features.....	1
• Deleted ESD classifications from Specifications.....	4

Changes from Revision A (June 2023) to Revision B (June 2024)

	Page
• Changed device temperature grade.....	1
• Deleted ESD classifications from Features.....	1
• Deleted ESD classifications from Specifications.....	4

Changes from Revision C (May 2023) to Revision D (June 2024)

	Page
• Changed device temperature grade.....	1
• Deleted ESD classifications from Features.....	1

The datasheet number will be changing.

Device Family	Change From:	Change To:
TS3USB221E	SCDS263D	SCDS263E
UCC21756-Q1	SLUSEN8	SLUSEN8A
UCC21755-Q1	SLUSEM9	SLUSEM9A
UCC21737-Q1	SLUSEM3B	SLUSEM3C
UCC21717-Q1	SLUSEK4A	SLUSEK4B
UCC21710-Q1	SLUSDH8C	SLUSDH8D

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TS3USB221E>

<http://www.ti.com/product/UCC21756-Q1>

<http://www.ti.com/product/UCC21755-Q1>

<http://www.ti.com/product/UCC21737-Q1>

<http://www.ti.com/product/UCC21717-Q1>

<http://www.ti.com/product/UCC21710-Q1>

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 PCN:

None.

Product Affected:

TS3USB221EDRCR	TS3USB221ERSER	UCC21710QDWRQ1	UCC21717QDWRQ1
UCC21737QDWRQ1	UCC21755QDWRQ1	UCC21756QDWRQ1	

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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