



**Notification# 20251030000.0
Datasheet for CDCE(L)925, CDCE937-Q1, CDCE(L)949, and CDCE949-Q1
Information Only**

Date: October 30, 2025
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

20251030000.0
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 |
|---------------|-----------------------------|
| CDCE925PWR | CDCE925PWR |
| CDCE925PW | CDCE925PW |
| CDCE949PW | CDCE949PW |

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

| | | | |
|--------------------------|--|------------------|------------------|
| PCN Number: | 20251030000.0 | PCN Date: | October 30, 2025 |
| Title: | Datasheet for CDCE(L)925, CDCE937-Q1, CDCE(L)949, and CDCE949-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.



CDCE925, CDCE925

SCAS847J – JULY 2007 – REVISED JUNE 2025

| Changes from Revision I (October 2016) to Revision J (June 2025) | Page |
|--|------|
| • Updated the numbering format for tables, figures, and cross-references throughout the document..... | 1 |
| • Changed all instances of <i>PLL Multiplier/Divider Definition</i> to <i>PLL Frequency Planning</i> | 1 |
| • Changed <i>Data Protocol</i> section..... | 15 |
| • Changed <i>Power Supply Recommendations</i> section..... | 27 |



CDCE937-Q1, CDCE937-Q1

SCAS892D – FEBRUARY 2010 – REVISED JULY 2025

| Changes from Revision C (December 2016) to Revision D (July 2025) | Page |
|--|------|
| • Updated the numbering format for tables, figures, and cross-references throughout the document..... | 1 |
| • Added links to <i>Applications</i> | 1 |
| • Changed the <i>Data Protocol</i> section..... | 16 |
| • Changed all instances of <i>PLL Multiplier/Divider Definition</i> to <i>PLL Frequency Planning</i> | 28 |
| • Changed the <i>Power Supply Recommendations</i> section..... | 30 |



CDCE949, CDCE949

SCAS844H – AUGUST 2007 – REVISED JULY 2025

| Changes from Revision G (January 2024) to Revision H (July 2025) | Page |
|--|------|
| • Changed <i>Data Protocol</i> section..... | 17 |
| • Moved <i>Register Maps</i> section..... | 20 |
| • Moved <i>Application and Implementation</i> section..... | 28 |
| • Changed <i>Power Supply Recommendations</i> section..... | 32 |

| Changes from Revision * (February 2010) to Revision A (May 2025) | Page |
|--|-------------|
| • Replaced instances of "TI-Pro Clock" with "TI ClockPro" | 1 |
| • Added relevant end equipment links to Applications | 1 |
| • Updated the numbering format for tables, figures, and cross-references throughout the document..... | 1 |
| • Changed the <i>Pin Functions</i> section to <i>Pin Configurations and Functions</i> | 4 |
| • Added pin out diagram..... | 4 |
| • Changed the <i>THERMAL RESISTANCE FOR TSSOP</i> table..... | 5 |
| • Updated the <i>THERMAL RESISTANCE FOR TSSOP</i> table to the <i>Thermal Resistance Characteristics</i> table... 5 | 5 |
| • Changed <i>Device Characteristics</i> to <i>Electrical Characteristics</i> | 7 |
| • Added the <i>Detailed Description</i> , <i>Overview</i> , <i>Feature Description</i> , and <i>Device Functional Modes</i> sections..... | 11 |
| • Added the <i>Overview</i> section..... | 11 |
| • Moved the functional Block Diagram to the <i>Functional Block Diagram</i> section..... | 12 |
| • Moved <i>SDA/SCL Serial Interface</i> to <i>Feature Description</i> section | 14 |
| • Added information on allowable data inputs during the EEPROM write cycle in <i>Data Protocol</i> | 14 |
| • Moved <i>SDA/SCL Hardware Interface</i> to <i>Feature Description</i> section | 16 |
| • Moved <i>Generic Programming Sequence</i> to <i>Programming</i> section..... | 18 |
| • Moved <i>Byte Write Programming Sequence</i> to <i>Programming</i> section..... | 18 |
| • Moved <i>Byte Read Programming Sequence</i> to <i>Programming</i> section..... | 18 |
| • Moved <i>Block Write Programming Sequence</i> to <i>Programming</i> section..... | 18 |
| • Moved <i>Block Read Programming Sequence</i> to <i>Programming</i> section..... | 18 |
| • Added <i>Register Maps</i> section..... | 19 |
| • Changed Table 8-3 RID From: 0h To: Xb..... | 19 |
| • Added note to the PWDN description, Table 8-3 | 19 |
| • Added the <i>Typical Application</i> , <i>Design Requirements</i> , <i>Application Curves</i> , and <i>Detailed Design Procedure</i> sections..... | 27 |
| • Replaced instances of "master/slave" with "controller/target"..... | 30 |
| • Added the <i>Power Supply Recommendations</i> section..... | 31 |
| • Added the <i>Layout</i> , <i>Layout Guidelines</i> , and <i>Layout Example</i> sections..... | 31 |
| • Added the <i>Device and Documentation Support</i> section..... | 33 |

The datasheet number will be changing.

| Device Family | Change From: | Change To: |
|---------------|--------------|-----------------|
| CDCE(L)925 | SCAS847I | SCAS847J |
| CDCE937-Q1 | SCAS892C | SCAS892D |
| CDCE(L)949 | SCAS844G | SCAS844H |
| CDCE949-Q1 | SCAS891 | SCAS891A |

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/CDCE925>
<http://www.ti.com/product/CDCE937-Q1>

<http://www.ti.com/product/CDCE949>
<http://www.ti.com/product/CDCE949-Q1>

Reason for Change:

To accurately reflect device characteristics.

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

| | | | |
|---|-----------------|-----------------|----------------|
| No anticipated impact. | | | |
| Changes to product identification resulting from this PCN: | | | |
| None. | | | |
| Product Affected: | | | |
| CDCE925PW | CDCE925PW.B | CDCE925PWG4 | CDCE925PWR |
| CDCE925PWR.B | CDCE925PWRG4 | CDCE925PWRG4.B | CDCE925PW |
| CDCE925PW.B | CDCE925PWR | CDCE925PWR.B | CDCE925PWRG4 |
| CDCE925PWRG4.B | CDCE937QPWRQ1 | CDCE937QPWRQ1.B | CDCE937QPWRQ1 |
| CDCE937QPWRQ1.B | CDCE949PW | CDCE949PW.B | CDCE949PWG4 |
| CDCE949PWR | CDCE949PWR.B | CDCE949PWRG4 | CDCE949PWRG4.B |
| CDCE949PW | CDCE949PW.B | CDCE949PWR | CDCE949PWR.B |
| CDCE949QPWRQ1 | CDCE949QPWRQ1.B | | |

ZVEI ID: SEM-DS-02

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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