



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Notification# 20240520009.0
Datasheet for LP8866-Q1, LP8866S-Q1, LP8864-Q1, and LP8864S-Q1
Information Only

Date: May 24, 2024
To: Huawei 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

20240520009.0
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
LP8866SQRHBRQ1	39700187-001
LP8866SQRHBRQ1	9905030322

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

PCN Number:	20240520009.0	PCN Date:	May 24, 2024
Title:	Datasheet for LP8866-Q1, LP8866S-Q1, LP8864-Q1, and LP8864S-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.



LP8866-Q1

SNVSB5A5C – DECEMBER 2019 – REVISED MAY 2024

Changes from Revision B (October 2020) to Revision C (April 2024)

Page

• Updated QFN package options.....	1
• Updated the description of maximum boost voltage.....	19
• Updated the description of PWM hysteresis function.....	33
• Updated I2C Write and I2C Read Figure.....	44



LP8866S-Q1

SNVSB1B – AUGUST 2020 – REVISED MAY 2024

Changes from Revision A (August 2020) to Revision B (April 2024)

Page

• Updated Electrical Characteristics Table	7
• Updated the description of maximum boost voltage.....	19
• Updated the description of PWM hysteresis function.....	33
• Updated I2C Write and I2C Read Figure.....	44



LP8864-Q1

SNVSB2B – AUGUST 2020 – REVISED MAY 2024

Changes from Revision A (October 2020) to Revision B (April 2024)

Page

• Updated the description of maximum boost voltage.....	18
• Updated the description of PWM hysteresis function.....	32
• Updated I2C Write and I2C Read Figure.....	43



LP8864S-Q1

SNVSB3B – AUGUST 2020 – REVISED MAY 2024

Changes from Revision A (February 2021) to Revision B (April 2024)

Page

• Updated Electrical Characteristics Table	6
• Updated the description of maximum boost voltage.....	18
• Updated the description of PWM hysteresis function.....	32
• Updated I2C Write and I2C Read Figure.....	43

The datasheet number will be changing.

Device Family	Change From:	Change To:
LP8866-Q1	SNVSB A5B	SNVSB A5C
LP8866S-Q1	SNVSB D1A	SNVSB D1B
LP8864-Q1	SNVSB D2A	SNVSB D2B
LP8864S-Q1	SNVSB D3A	SNVSB D3B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/LP8866-Q1>
<http://www.ti.com/product/LP8866S-Q1>
<http://www.ti.com/product/LP8864-Q1>
<http://www.ti.com/product/LP8864S-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.

Changes to product identification resulting from this PCN:

None.

Product Affected:

LP8864QDCPRQ1	LP8864SQRHBRQ1	LP8866QRHBRQ1	LP8864SQDCPRQ1
LP8864QRHBRQ1	LP8866QDCPRQ1	LP8866SQRHBRQ1	LP8866SQDCPRQ1

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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