Notification Number:	20230602004.0	Notification Date:	June 06, 2023
Title:	Datasheet for DLP650LE, DLP650NE, DLP550JE, DLP470NE, DLP480RE, DLP470TE, DLP660TE		
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.

TEXAS INSTRUMENTS

DLP650LE

DLPS095A – NOVEMBER 2017 – REVISED FEBRUARY 2023

Changes from Revision * (November 2017) to Revision A (February 2023)	Page
• Changed the document status from Advanced Information to Production Data	1
• Updated the numbering format for tables, figures, and cross-references throughout the document. Updated the controller to DLPC4430. Updated the links to chipset components	1
• Updated controller to DLPC4430	1
• Updated controller to DLPC4430	19
• Updated controller to DLPC4430	20
• Added a table for legacy part numbers and listed the mechanical ICD	26
• Updated controller to DLPC4430	26
• Updated controller to DLPC4430	27
• Updated controller to DLPC4430	27
• Updated controller to DLPC4430, updated the links	31

TEXAS INSTRUMENTS

DLP650NE

DLPS097A – AUGUST 2017 – REVISED FEBRUARY 2023

Changes from Revision * (August 2017) to Revision A (February 2023)	Page
• This document is updated per the latest Texas Instruments and industry data sheet standards. Updated the controller to DLPC4430. Updated the links to chipset components	1
• Updated the controller to DLPC4430	1
• Added typical values to I_{OFFSET}, I_{BIAS}, and I_{RESET} currents. Removed DLPA4000, not supported	14
• Updated controller to DLPC4430	22
• Changed device supported modes for technical accuracy	24
• Updated *DMD Thermal Test Points* illustration	25
• Updated controller to DLPC4430	26
• Removed DLPA4000, not supported as PMIC. Added a table with additional legacy device information and referenced the mechanical ICD	29
• Updated controller to DLPC4430	29
• Updated *Typical DLPC4430 Application* schematic	30
• Updated controller to DLPC4430	32
• Updated controller to DLPC4430	32
• Updated the controller to DLPC4430 and the related documentation	36

TEXAS INSTRUMENTS

DLP550JE

DLPS101B – NOVEMBER 2017 – REVISED FEBRUARY 2023

Changes from Revision A (September 2022) to Revision B (February 2023)	Page
• Updated controller to DLPC4430, all chipset components are working links	1
• Updated controller to DLPC4430, linked DMD to a document	1
• Updated this section	24
• Updated controller to DLPC4430, updated the application diagram	24
• Updated controller to DLPC4430	25
• Updated controller to DLPC4430	27

Changes from Revision B (June 2022) to Revision C (February 2023) **Page**

- Updated the controller to DLPC4430, linked the chipset components to product pages....1
- Changed controller name to DLPC4430....1
- Added the lamp illumination section to the table....11
- Added the DMD efficiency specification....20
- Changed controller name to DLPC4430....21
- Changed controller name to DLPC4430....23
- Added a table with legacy device information, added the mechanical ICD....28
- Changed controller name to DLPC4430....28
- Changed controller name to DLPC4430....29
- Changed controller name to DLPC4430....29
- Changed controller name to DLPC4430....30
- Changed controller name to DLPC4430....35
- Changed controller name to DLPC4430, updated the links....37

Changes from Revision A (June 2022) to Revision B (February 2023) **Page**

- Changed the controller to DLPC4430, updated the application diagram....1
- Changed the controller to DLPC4430 throughout the document....1
- Added the lamp illumination section....11
- Added DMD efficiency specification....20

Changes from Revision A (June 2022) to Revision B (September 2022) **Page**

- Changed the controller to DLPC4420, linked the chipset components to product pages....1
- Changed the controller to DLPC4420, updated the application diagram....1
- Changed the controller to DLPC4420, added the lamp illumination section....11
- Added the DMD efficiency specification....22
- Changed the controller to DLPC4420....24
- Changed the controller to DLPC4420....25
- Changed the controller to DLPC4420, added a table with legacy part numbers and mechanical ICD....30
- Changed the controller to DLPC4420, updated the application diagrams....30
- Changed the controller to DLPC4420....31
- Changed the controller to DLPC4420....32
- Changed the controller to DLPC4420....32
- Changed the controller to DLPC4420....37
- Changed the controller to DLPC4420, updated the link....40

Changes from Revision B (July 2022) to Revision C (February 2023) **Page**

- Changed controller to DLPC4420, linked the chipset components to product pages....1
- Changed controller to DLPC4420, updated the diagram....1
- Added the lamp illumination section....13
- Added the DMD efficiency specification....24
- Changed controller to DLPC4420....26
- Changed controller to DLPC4420....27
- Changed controller to DLPC4420, added a table with legacy part numbers and mechanical ICD....32
- Changed controller to DLPC4420....34
- Changed controller to DLPC4420....34
- Changed controller to DLPC4420....34
- Changed controller to DLPC4420....39
- Changed controller to DLPC4420....42

The datasheet number will be changing.

Device Family	Change From:	Change To:
DLP650LE	DLPS095	DLPS095A
DLP650NE	DLPS097	DLPS097A
DLP550JE	DLPS101A	DLPS101B
DLP470NE	DLPS159B	DLPS159C
DLP480RE	DLPS160A	DLPS160B
DLP470TE	DLPS161A	DLPS161B
DLP660TE	DLPS163B	DLPS163C

These changes may be reviewed at the datasheet links provided.
http://www.ti.com/product/DLP650LE
http://www.ti.com/product/DLP650NE
http://www.ti.com/product/DLP550JE
http://www.ti.com/product/DLP470NE
http://www.ti.com/product/DLP480RE
http://www.ti.com/product/DLP470TE
http://www.ti.com/product/DLP660TE

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:

DLP650LEFYL	DLP650NEFYE	DLP550JEFYA	DLP470NEAAFXH
DLP480REAAFXG	DLP470TEAAFXJ	DLP660TEAAFYG	

For questions regarding this notice, e-mails can be sent to the PCN team at PCN_ww_admin_team@list.ti.com or your local Field Sales Representative.

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