Notification Number: 20190)190807001		Notification Date: S		Sept. 4, 2019	
Title: Data Sheet for DLPC3430 and DLPC3435									
Customer Contact: Dlp-pcn-team@list.ti.com Dept:								Quality Services	
Ch	Change Type:								
	A	ssembly Site			Design		Wafer Bu	mp Site	
Assembly Process			\boxtimes	□ Wafer Bur		mp Material			
Assembly Materials				Part Number Change Wafer Bun		mp Process			
Mechanical Specification				Test Site Wafer Fab		b Site			
Packing/Shipping/Labeling			$\overline{\sqcap}$	Test Process Wafer Fab			b Materials		
					Wafer Fa	b Process			
Notification Details									
De	SC	ription of Change:							
data sheet(s) is being updated as summarized below. Input frame rate capability increased from 120 Hz to 240 Hz when used with firmware v7.3.2 or greater. Additionally, the following data sheet revision change history provides further details. 4 Revision History NOTE: Page numbers for previous revisions may differ from page numbers in the current version.									
	Cha	Changes from Revision D (May 2019) to Revision E							
		General datasheet formatting and ordering refresh						1	
	Deleted mention of mirror parking time from PARKZ pin description and moved to a specification table								
			-						
Changed JTAG pin names from Reserved to proper names									
	Deleted mention of a specific 3D command								
	Deleted support for adjusting PCLK capture edge in software								
	Changed the description of how to use the CMP_OUT pin and corrected how the comparator must use GPIO_10 (RC_CHARGE) instead of CMP_PWM							_10 10	
Deleted support for CMP_PWM								10	
Added note about VCC_INTF power up recommendations if slave devices are on the I ² C bus						10			
	Deleted mention of unsupported keypad inputs							11	
	Corrected optional MTR_SENSE support to GPIO_18 instead of GPIO_19							11	
	Deleted mention of unsupported light sensor on GPIO_13 and GPIO_12							11	
	•	Deleted reference of the RC_CH for the thermistor			-		•		

Revision History (continued) Corrected I²C buffer test conditions 18 Changed high voltage tolerant I/O note to only refer to the I2C buffer and changed VCC to VCC_INTF.......18 Added high-level output voltage minimum and maximum values for the sub-LVDS DMD interface, deleted redundant Added low-level output voltage minimum and maximum values for the sub-LVDS DMD interface, deleted redundant Deleted V_{OH(DC)} maximum and V_{OL(DC)} minimum values. Deleted reference to internal software tools and clarified how firmware affects the supported resolution and frame

Revision History (continued) Added note that LP mode is required during vertical time for DSI Added information that the parallel interface isn't ready to accept data until the auto-initialization process is completed.. 35 Deleted DMD Interface stack-up image 43

The data sheet number will be changing.

Change From:	Change To:
DLPS038D	DLPS038E

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/lit/ds/symlink/dlpc3430.pdf http://www.ti.com/lit/ds/symlink/dlpc3435.pdf

Reason for Change:

To accurately reflect device characteristics while increasing frame rate capability from 120 Hz to 240 Hz when used with firmware v7.3.2 or greater.

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

No anticipated impact except enabling increased input frame rate functionality. 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:
DLPC3430CZVBR, DLPC3435ZEZ, DLPC3435CZEZ

For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

Location	E-Mail
DLP® Products	<u>Dlp-pcn-team@list.ti.com</u>
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW PCN Team	PCN ww admin team@list.ti.com