



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**PDN# 20180521002D**  
**End of Life for DLP® Pico VSP DMD's**  
**Product Discontinuance Notification**  
**RevD accelerated Pico VSP DMD EOL dates**

**Date:** January 31, 2019  
**To:** TOKYO ELECTRON DEVICE (DSTR) PCN

Dear Customer:

The recipient has been identified for notification of changes for one or more of the products affected by the change detailed in the notice. Customers are notified based on the past twenty-four (24) months of the customer's purchase history or the recipient is listed as being part of GIDEP (Government-Industry Data Exchange Program).

Please note that the notification period has been accelerated compared to TI's standard process. Due to 2019 supply and capacity limitations, TI has pulled-in most of the Pico VSP DMD last order date to **March-15-2019** and last ship dates to **September-30-2019** (Reference table 1 below).

Last order and last ship dates in this **PDN 20180521002D** notification supersede dates in previous revisions.

In an attempt to satisfy continuing requirements, TI is offering a non-cancelable, non-refundable lifetime buy for the product. Related dates are included in the notification. We will contact you as soon as we have completed a review of all customer responses and determined the appropriate course of action required to satisfy the need for this/these products.

If additional supply is required beyond the dates defined in this letter, please contact your local Field Sales Representative to determine if the parts may be available from a TI-authorized distributor for discontinued products. There is no guarantee of continued supply for these products.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services

## Attachments1

### Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
DLP4500FQE	null
DLP4500NIRFQD	null
DLP4500FQD	null
1191-403BF	null

Details of this Product Discontinuance follow on the next page(s).

<b>PDN Number:</b>	20180521002D	<b>PDN Date:</b>	1/31/2019
<b>Title:</b>	Discontinuance of DLP® Pico VSP devices		
<b>Customer Contact:</b>	<a href="mailto:DLP-PCN-Team@list.ti.com">DLP-PCN-Team@list.ti.com</a>	<b>Dept:</b>	Quality Services
<b>Last date to order:</b>	See Table 1	<b>Last date to ship:</b>	See Table 1
<b>Change Type:</b>	Product Discontinuance - End Of Life		

### Product Discontinuance Notification Details

#### Description of Discontinuance:

Texas Instruments Incorporated (TI) is announcing the discontinuance of DMD part numbers due to the changing of a proprietary material used in the DMD process. A non-cancelable, non-refundable lifetime buy is being offered as per the Last Date to Order and Last Date to Ship indicated above. Replacement device part numbers are provided in the Product Affected section below. Orders will be considered non-cancelable and non-refundable, and subject to availability. Please contact your local sales representative for availability.

NOTE: There are no samples offered for withdrawn/obsolete products. For samples of any replacement products, please contact your local sales representative.

#### Reason for Discontinuance:

The change is part of TI's proactive chemical use policy and continuation of supply

#### Product Affected; accelerated EOL dates

**TABLE 1**

DMD	Orderable P/N	New Material or recommend	Revised Last Order Date	Revised Last Ship Date
.45WXGA S311	1191-403BF	DLP4501AFQG	3/15/2019	9/30/2019
	DLP4501FQG		3/15/2019	9/30/2019
.45WXGA S241	1191-403BT	1191-413BT	3/15/2019	9/30/2019
	DLP4500FQE	DLP4500AFQE	3/15/2019	9/30/2019
.45WXGA S310	1191-403BC	1191-413BC	3/15/2019	9/30/2019
	DLP4500FQD	DLP4500AFQD	3/15/2019	9/30/2019
.45WXGANIR S310	DLP4500NIRFQD	DLP4500NIRAFQD	3/15/2019	9/30/2019
	1191N403RC		Closed	6/27/2019
.30WVGA-S220	6860-303BD	Replace w/ DLP3010AFQK	Closed	6/24/2019
	6860-303AT		Closed	6/24/2019
	6860-313AT		Closed	6/24/2019
	DLP3000FQB		Closed	6/24/2019
WVGA-S242 (EM)	6860-303BG	Replace w/ DLP2010AFQJ	1/31/2019	12/31/2019
.45WXGANIR-S241	DLP4500NIRFQE	Replace w/ DLP4500NIRAFQD	Closed	6/27/2019
	1191N403RT		Closed	6/27/2019
.17HVGA-S210	DLP1700FQA	Replace W/DLP2000AFQC	Closed	6/24/2019

.24VGA-S240	6845-203BD	Replace W/DLP2000AFQC	Closed	6/24/2019
.2nHD S230	3664-203BT	DLP2000AFQC	7/1/2019	12/2/2019
	DLP2000FQC		7/1/2019	12/2/2019

**Product Affected:**

DMD	Orderable P/N	New Orderable P/N	Replacement Code	DMD Samples	Sample Order PN
.45WXGA S311	1191-403BF	DLP4501AFQG	Q (requires software update)**	Available	DLP4501AFQG
	DLP4501FQG				
.45WXGA S310	1191-403BC	1191-413BC	Q (requires software update)**	Available	1191-413BC
	DLP4500FQD	DLP4500AFQD			DLP4500AFQD
.45WXGA S241	1191-403BT	1191-413BT	Q (requires software update)**	Available	1191-413BT
	DLP4500FQE	DLP4500AFQE			DLP4500AFQE
.45WXGANIR S310	DLP4500NIRFQD	DLP4500NIRAFQD	Q (requires software update)*	Available	DLP4500NIRAFQD
	1191N403RC	DLP4500NIRAFQD			
.2 nHD	3664-203BT	DLP2000AFQC	Q (requires software update)*	Mar-19	XDLP2000AFQC
	DLP2000FQC				
.45WXGANIR-S241	DLP4500NIRFQE	DLP4500NIRAFQD	F (Similar functionality but not equivalent)	Available	DLP4500NIRAFQD
	1191N403RT	DLP4500NIRAFQD			
.30WVGA-S220	6860-303BD	DLP3010AFQK	F (Similar functionality but not equivalent)	Available	DLP3010AFQK
	6860-303AT				
	6860-313BT				
	DLP3000FQB				
.3 WVGA-S242 (EM)	6860-303BG	DLP2010AFQJ	F (Similar functionality but not equivalent)	Available	DLP2010AFQJ
.24VGA-S240	6845-203BD	DLP2000AFQC	F (Similar functionality but not equivalent)	Mar-19	XDLP2000AFQC
.17HVGA-S210	DLP1700FQA	DLP2000AFQC	F (Similar functionality but not equivalent)	Mar-19	XDLP2000AFQC

\*The latest version of firmware can be found at <http://www.ti.com/tool/dlpr350>

\*\*Detailed information will be found in the following Application Note found on the DLP® extranet: *Software Requirements for TI DLP® Pico™ VSP Digital Micromirror Devices*. If your controller software comes pre-loaded with the optical engine you purchase, or if your controller software is provided by a third party, please verify the appropriate software version with the provider.

**Replacement Notes:**

F = Similar functionality but not equivalent.

P = Same functionality but not pin-for-pin equivalent and may not be parametrically equivalent.

Q = Same functionality and PIN-OUT as the compared device but is NOT an exact equivalent.

S = EXACT equivalent in functionality and parametrically to the compared device.

**DMD / Controller / Software Information**

DMD GPN	DMD Description	Controller GPN	Controller Orderable PN	Required System Software Version	SW Availability
DLP4501	.45 WXGA S241, S310, S311	DLPC6401	DLPC6401ZFF	Version 7.0.0 or higher	Available
DLP4500	.45 WXGA S241, S310	DLPC350	DLPC350ZFF	DLPR350PROM_V4.0.2	Available
DLP4500NIR	.45 WXGA NIR	DLPC350	DLPC350ZFF	DLPR350PROM_V4.0.2	Available
DLP2000	.2 nHD	DLPC2607	DLPC2607ZVB	Available at Validation	April-2019

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

Location	E-Mail
DLP® Products	<a href="mailto:Dlp-pcn-team@list.ti.com">Dlp-pcn-team@list.ti.com</a>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>