

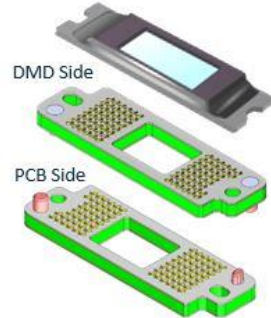
## Connectors for DLP® Products

### OVERVIEW









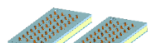



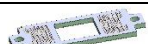



Neoconix PCBeam™ connectors for DLP® products are interconnect solutions for the Texas Instruments DLP® chips suitable for ultra-mobile and portable applications. One-piece, high density and cost effective solutions are enabled by patented Neoconix PCBeam™ technology, providing both a heat-sink opening and features for precise alignment of the Interposers to the DMD and main PC Board.

### FEATURES

- Connectors are fully compliant to the OEM's reference design drawings
- Both solderless LGA and solderable BGA solutions available
- Hard gold-plated contact interface
- Compliant with RoHS 2011/65/EU and IPC-4101B (Halogen-free)


**NCX S312 Connector**

**NCX S315 Connector Shown**

### STANDARD PRODUCT FAMILY

Series Number	DMD Description				Electrical Interconnect Information			
	DLP Number	Array Diagonal	Package	Pad Qty	IO Qty DMD/PCB Type	TI Dwg. Number	Configuration	Neoconix Part Number
S245	<a href="#">DLP3010</a>	.30 720p	FQK	57	57 LGA/LGA	2513242 (Std-Hgt w/Notch)		BDX0057CMMF4AU00
	<a href="#">DLP3010LC</a>	.30 720p				2516242 (Low-Hgt)		BDX0057CMMF4AU03
S246	<a href="#">DLP230GP</a>	.23 qHD	FQP	54	54 LGA/LGA	2515731 (Std.-Hgt)		BDX0054CMMF4AU00
	<a href="#">DLP230KP</a>	.23 HD				2516194 (Low-Hgt)		BDX0054CMMF4AU01
S247	<a href="#">DLP3021-Q1</a>	.30 WVGA	FQR	54	56 LGA/LGA	2516672 (Std-Hgt)		BDX0056DMMSXAU00
	<a href="#">DLP3020-Q1</a>					2518084 (Low-Hgt)		BDX0056DMMSXAU01
S249	<a href="#">DLP2021-Q1</a>	.20 16:9	FQU	44				
S248	<a href="#">DLP160AP</a>	.16QnHD	FQT	35	35 LGA/LGA	2517476 (Std-Hgt)		BDX0035CMMSXAU00
	<a href="#">DLP160CP</a>	.16nHD				2517485 (Low-Hgt)		BDX0035CMMSXAU01
S310	<a href="#">DLP4500</a>	.45 WXGA	FQD	80	40 LGA/BGA (2 req'd)	2510978		FBX0040CMMF6AU00
S312	<a href="#">DLP4710</a>	.47 1080p	FQL	100	100 LGA/LGA	2513791		BDX0100CMMHFAU00
S315	<a href="#">DLP3310</a>	.33 1080p	FQM	92	92 LGA/LGA	2515010		BBX0092CMMHFAU00
S318	<a href="#">DLP301S</a>	.3 3.6MP	FQS	73				
S316	<a href="#">DLP470TP</a>	.47 4K	FQN	250	250 LGA/LGA	2515386		BDX0250CMMF4AU01
S317	<a href="#">DLP471TP</a>		FQQ					
S320	<a href="#">DLP4620S-Q1</a>	.46 2:1	FQX	112	112 LGA/LGA	2518361 (Std-Hgt)		BDX0112DMMSXAU00
	<a href="#">DLP4621-Q1</a>					2518370 (Low-Hgt)		BDX0112DMMSXAU01
S321	DLP472TP	.47 4k	FQY	163	166 LGA/LGA	2518619 (Std-Hgt)		BDX0166CMMSXAU00
						2518635 (Low-Hgt)		BDX0166CMMSXAU01

### FOR MORE INFORMATION