

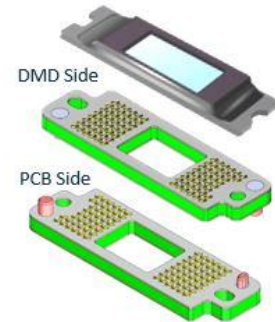
Connectors for DLP® Products

OVERVIEW




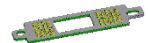




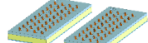


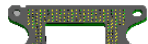
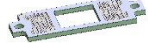
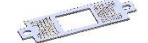
Neoconix PCBeam™ connectors for DLP® products are interconnect solutions for the Texas Instruments DLP® chips suitable for ultra-mobile and portable applications. One-piece, high density and cost effective solutions are enabled by patented Neoconix PCBeam™ technology, providing both a heat-sink opening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

FEATURES

- Proven High Performance PCBeam™ contact design
- Connectors are fully compliant to the OEM's reference design drawings
- Both solderless LGA and solderable BGA solutions available
- Current capacity up to 1.5A per position
- 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	DLP3010	.30 720p	FQK	57	57 LGA/LGA	2513242 (Std-Hgt w/Notch)		BDX0057CMMF4AU00
	DLP3010LC	.30 720p				2516242 (Low-Hgt)		BDX0057CMMF4AU03
S246	DLP230GP	.23 qHD	FQP	54	54 LGA/LGA	2515731 (Std.-Hgt)		BDX0054CMMF4AU00
	DLP230KP	.23 HD				2516194 (Low-Hgt)		BDX0054CMMF4AU01
S247	DLP3021-Q1	.30 WVGA	FQR	54	56 LGA/LGA	2516672 (Std-Hgt)		BDX0056DMMSXAU00
	DLP3020-Q1					2518084 (Low-Hgt)		BDX0056DMMSXAU01
S248	DLP160AP	.16QnHD .16nHD	FQT	35	35 LGA/LGA	2517476 (Std-Hgt)		BDX0035CMMSXAU00
	DLP160CP					2517485 (Low-Hgt)		BDX0035CMMSXAU01
S310	DLP4500 DLP4500NIR	.45 WXGA	FQD	80	40 LGA/BGA (2 req'd)	2510978		FBX0040CMMF6AU00
S312	DLP4710 DLP4710LC	.47 1080p	FQL	100	100 LGA/LGA	2513791		BDX0100CMMHFAU00
S315	DLP3310	.33 1080p	FQM	92	92 LGA/LGA	2515010		BBX0092CMMHFAU00
S318	DLP301S	.3 3.6MP	FQS	73				
S316	DLP470TP	.47 4K	FQN	250	250 LGA/LGA	2515386		BDX0250CMMF4AU01
S317	DLP471TP		FQQ					
S320	DLP4620S-Q1	.46 2:1	FQX	112	112 LGA/LGA	2518361 (Std-Hgt)		BDX0112DMMSXAU00
	DLP4621-Q1					2518370 (Low-Hgt)		BDX0112DMMSXAU01

FOR MORE INFORMATION

Neoconix, Inc., 4020 Moorpark Ave, #108, San Jose, CA 95117. Web: www.neoconix.com E: sales@neoconix.com P: 408.530.9393