

Connectors for DLP® Products

OVERVIEW

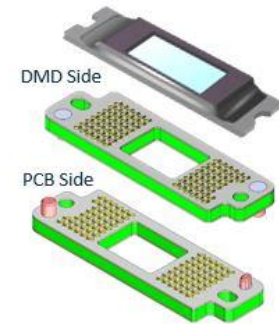
Neoconix PCBeam™ connectors for DLP® products are interconnect solutions for the Texas Instruments DLP® chips suitable for ultra-mobile and portable applications. One-piece, high density and cost effective solutions are enabled by patented Neoconix PCBeam™ technology, providing both a heat-sink opening 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)








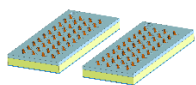

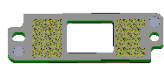
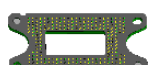


NCX S312 Connector



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 | .30 WVGA | FQR | 56 | 56 LGA/LGA | 2516672 |  | BDX0056DMMSXAU00 |
| S248 | DLP160AP DLP160CP | .16QnHD | FQT | 35 | 35 LGA/LGA | 2517476 (Std-Hgt) |  | BDX0035CMMSXAU00 |
| | | .16nHD | | | | 2517485 (Low-Hgt) |  | BDX0035CMMSXAU01 |
| S310 | DLP4500 | .45 WXGA | FQD | 80 | 40 LGA/BGA (2 req'd) | 2510978 |  | FBX0040CMFF6AU00 |
| S311 | DLP4501 | .45 WXGA | FQG | | | | | |
| S312 | DLP4710 | .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 | | | | | |

FOR MORE INFORMATION

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