

Search

☐ AUTO☐ X-REF☐ PACKAGE☐ FULL

Content > 24438 > PanelPort™ LinkXtend™ Full Protocol Repeater

Status: **Obsolete**

Product Quick Links

- Specifications
- Product Options
- Documentation & Tools
- Technical Support
- Contact Sales

VLX1000  
PanelPort™ LinkXtend™ Full Protocol  
Repeater

The VLX1000 is DisplayPort-based solution that provides not only amplification and re-drive, but also signal cleaning and signal reconditioning in extended cable links for PC and mobile computers to remote monitors.

Features

- Standards compliant with DisplayPort v1.1a, VESA DDM, HDCP V1.3, and EDID v1.4
- Supports main line rates of 2.7Gbps and 1.62 Gbps from the source
- Supports 1/2/4 lanes of main link from Rx side
- Complete PHY layer and full protocol link layer repeat with jitter clean up
- Provides 4 lane total 10.8Gbps bandwidth that supports max 2560x1600 pixel resolution
- Built-in HDCP key
- No AC adapter required for dongles
- 81pin BGA ROHS compliant green package



Product Specification

| DisplayPort Spec. | Main Link Bit Rate (Gbps) | Output Type | HDCP Support | Pkg. Type |
|-------------------|---------------------------|-------------|--------------|-----------|
|                   |                           | DP          |              | CABGA     |

Product Options

| Orderable Part ID | Part Status | Pkg. Code             | Pkg. Type | Lead Count (#) | Temp. Grade | Pb (Lead) Free | Carrier Type | Sample & Buy                       |
|-------------------|-------------|-----------------------|-----------|----------------|-------------|----------------|--------------|------------------------------------|
| VLX1000BKG        | Obsolete    | <a href="#">BKG81</a> | CABGA     | 81             | C           | Yes            | TRAY         | <a href="#">Check Availability</a> |
| VLX1000BKG8       | Obsolete    | <a href="#">BKG81</a> | CABGA     | 81             | C           | Yes            | Reel         | <a href="#">Check Availability</a> |

Documents

|  | Title                                                          | Type▲                          | Format | File Size | Date       |
|--|----------------------------------------------------------------|--------------------------------|--------|-----------|------------|
|  | <a href="#">VLX1000 PanelPort LinkXtend</a>                    | Product Brief                  | PDF    | 264 KB    | 05/01/2011 |
|  | <a href="#">PDN# : V-12-03R2 PRODUCT DISCONTINUANCE NOTICE</a> | Product Discontinuation Notice | PDF    | 92 KB     | 02/05/2013 |

[GET TECHNICAL SUPPORT](#)

[CONTACT SALES OFFICE](#)