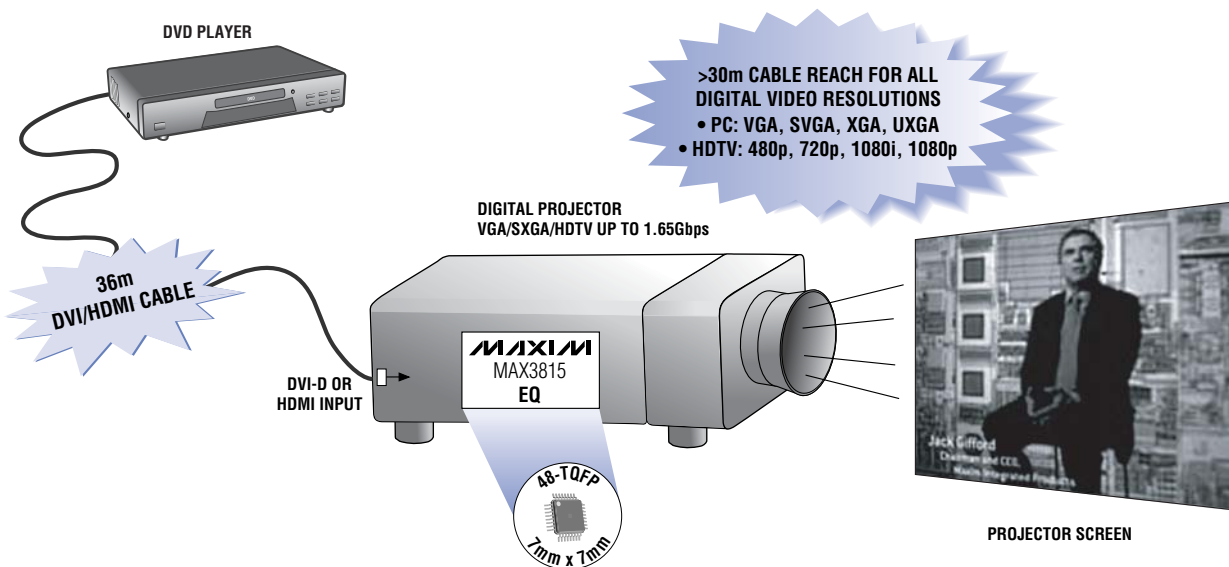


EXTEND DVI/HDMI CABLE REACH BEYOND 30 METERS

Cable Equalizer Improves Receiver Performance at Any Length

The DVI/HDMI digital-video interconnect standards give consumers unprecedented picture clarity with one problem—maximum interconnect lengths are only 5m to 10m. For digital-video projectors and large-screen HDTVs, cable reach beyond 5m is necessary, but expensive. The MAX3815 automatic equalizer for DVI/HDMI cables enables high-quality digital interconnections on inexpensive cables beyond 30m. It also improves receiver margin for short cables.

The MAX3815 compensates for up to 40dB of loss on three transition-minimized, differential signaling (TMDS) channels up to 1.65Gbps each, plus a one-tenth (0.1x) rate clock. No user control is required. Prices start from \$4.95†.



◆ Extends TMDS Interface Length

- ➔ 0 to 36m over DVI Cable, 28AWG STP
- ➔ 0 to 30m over DVI Cable, 30AWG STP
- ➔ 0 to 50m over DVI Cable, 24AWG STP

◆ Fully Automatic Equalization Up to 40dB with No System Control Required

†1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.

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