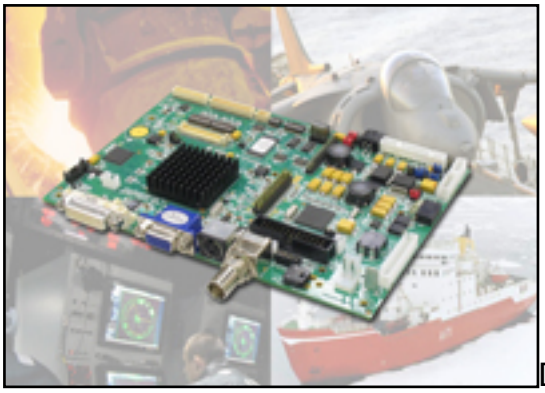
Fully Buffered Multi-Sync Interface Controller Meets Mil-Aero Requirements



Digital View's HE-1920 fully buffered multi-sync interface controller provides analog and digital connections for large format, high-definition TFT LCDs plus wide operating temperature and voltage ranges, heightened shock and vibration tolerance, and conformal coating for extreme environment applications. These COTS LCD controllers are suited to aid manufacturers building hardened panel display systems requiring advanced capabilities such as high resolution and high-definition. They feature wide tolerance power supplies (12V DC ± 25 percent), locking connectors and low-mass tantalum capacitors for maximum tolerance to shock and vibration, Mil-spec silicon resin conformal coatings, a laboratory certified operating temperature range of -40ºC to +80ºC, and calculated MTBF in excess of 100K hours, with full RoHS compliance. A fully buffered multi-sync interface controller, the HE-1920 provides analog and digital connections – PC, DVI & Video Interface – for a wide range of TFT LCD panels up to WUXGA resolution (1,920 × 1,200 pixels). It features full screen image expansion of lower resolutions, image flip and invert functions, and onscreen PIP functions. The HE-1920 also features a 16 bit ITU 605 bus connector designed to permit developers to independently create proprietary hardware interfaces for the controller. The interfaces provide software managed selection pins to manage multiple input configurations. Typical examples include optical inputs, additional ports and HD-SDI. The HE-1920 is priced at $269.00 U.S. each in 1,000-unit quantities.

Digital View
408-782-7773, www.digitalview.com [1]

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