

ViClaro III HD HDMI Video IP Development Kit

Features	Advantages	Benefits
Includes the Microtronix Avalon Multi-port DDR2 Memory Controller IP core	Greatly simplifies the local interface to complex double data rate (DDR) memory devices	<ul style="list-style-type: none"> • Faster time-to-market • Piece of mind knowing the Microtronix IP core is AMPP approved and is used in numerous applications, including consumer, medical, military & automotive • Saves you several man months to develop comparable high performance MP DDR2 MC IP core
Suite of application-specific Quartus Reference Designs	Greatly reduces the time required to develop new solutions and innovative products, improve your understanding of Altera product capabilities	<ul style="list-style-type: none"> • Reduces design time • Designs show efficient solutions for common design problems
Altera's low-cost Cyclone III (EP3C120) FPGA device	Low power, high functionality, and low cost to maximize your competitive edge	<ul style="list-style-type: none"> • Reduces production costs for high-volume, cost-sensitive applications
HDMI Rx / Tx Daughter Card	The HDMI interface is the uncompressed, all-digital, global connectivity standard that delivers true HD quality for consumer electronics and PC products via a single cable	<ul style="list-style-type: none"> • Convenient one-cable solution • The best way to connect HD • Delivers the power and performance of a high-speed digital link. • Adopted by over 800 Manufacturers • Analysts expect to see over a billion HDMI devices in the market by 2010
Quad Link LVDS	Supports up to four links receive and transmit LVDS links each consisting of 5 data channels and 1 clock for a total of 48 LVDS channels.	<ul style="list-style-type: none"> • Ideal for developing a number of different video applications projects capable of supporting LCD display panels up to 1080p at 100/120Hz producing. • Excellent long-term investment value worth pursuing in order to generate maximum return from research and development projects requiring 30 bits of pixel colour.

Kane Computing Ltd, 7 Theatre Court, London Road, Northwich, Cheshire, CW9 5HB, UK.

Tel: +44(0)1606 351006 – Fax: +44(0)1606 351007/8

Email: sales@kanecomputing.com – Web: www.kanecomputing.co.uk