![Diamond Systems logo]

P R O D U C T   N O T I C E

Product: Helios Revision H SBCs—All Models

Part Number:
HLV800-256AV	Helios 800MHz SBC with 256MB RAM and data acquisition
HLV800-256DV	Helios 800MHz SBC with 256MB RAM and no data acquisition

Diamond Systems has revised the Helios single board computer (SBC) family making a series of hardware changes. The result is revision H of the Helios SBCs. The revision history is as follows:

Revision B   Changed the Ethernet transformer chip for improved performance

Revision C   Changed to second generation Vortex86DX CPU: VX86DX-A9121D-BS.
                    With modified DDR2 clock pin out, increased core voltage, and
                    modified IDE circuit
            Modified power circuits on board for increased output current
            Changed DDR2 DRAM chips to new 1Gbit parts
            Updated BIOS version to support changes. The new BIOS requires many
            customers to recompile their operating system

Revision D   Changed resistors in memory circuit for improved performance

Revision E   Changed filter IC in USB circuit for improved reliability

Revision F   Changed AVL

Revision G   Enabled BIOS for software control of LCD backlight

Revision H   Changed resistors in IRQ pullup circuit for improved performance

For more information, please feel free to visit us on the web at www.diamondsystems.com or call
Diamond Systems at (650) 810-2500.