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ZIGHT USHERS IN NEXT GENERATION MICRODISPLAYS

Performance enhancements and 25% lower power consumption make them ideal choices for enabling no-compromise display solutions

Boulder, Colo., -- June 5, 2001 – Zight Corporation today introduced two new microdisplays representing the next generation of its award-winning microdisplay technology. The Z86D-3 SVGA microdisplay and the Z32A-1 QVGA microdisplay debuted at the annual conference of the Society for Information Display, now underway in San Jose, California. The new displays deliver improved performance and decreased power requirements, further extending their use in computing and entertainment headset applications, in embedded designs such as mobile communications and digital imaging devices, and in commercial/industrial applications.

The Z86D-3 is the latest in Zight's line of "no compromise" SVGA (800 x 600) microdisplays. Its pixel architecture with industry-leading pixel fill factor of 93% creates very bright, non-pixelated, smooth images even at 150x magnification. It features the industry's highest fill factor, the highest refresh rate of 120Hz, true 18-bit color depth, all at 25% lower power consumption than its predecessor. The Z86D-3 microdisplay is backward compatible with the CMD8X6DDI digital display interface and CMD3XLB illumination controller ASICs and is ideally suited for 2D and 3D full-motion video applications. The Z86D-3 can easily be designed into current products with Zight's SVGA microdisplays thus enabling existing customers to take advantage of the performance benefits without significant design changes.

The Z32A-1 is a QVGA (320 x 240) resolution microdisplay, which now comes in three configurations offering OEMs a high degree of design flexibility. Its standard configuration is a 16-pin ZIF-style flex lead, while a basic configuration for custom-flex requirements and an integrated LED version are also offered. This display also features the industry's highest fill factor (93%), highest (unlimited) color depth, 120 Hz refresh rate, and 33% power reduction versus its predecessor. The Z32A-1 display is the lowest power consumption microdisplay in the market and will interface directly to digital camera image processors or an optional FPGA reference design. What's more the display is designed to withstand extreme environmental conditions and provides long lifetimes (100,000 hours) required for consumer products.

"These product introductions offer our existing customers and prospective new product developers an evolutionary path to incorporating our second generation microdisplays," said Rainer Kuhn, director of marketing and business development, Zight Corporation. "We've not only improved the image quality and power consumption, but also improved mechanical features so that product designers are able to incorporate our technology into the most challenging monocular, binocular or stereoscopic optical designs. And the QVGA microdisplay enables manufacturers and designers to provide high quality images at mass market prices."

Zight offers the OEM/ODM community a total chipset solution for each display, which includes driver ICs, illumination control circuitry and development kits enabling rapid product development and deployment.

The Z86D-3 samples will be available in the third quarter of this year with mass production slated for the fourth quarter of the year.

Z32A-1 samples are available now. Mass production is scheduled for the third quarter of this year.

About Zight

Founded in 1996, Zight Corporation (formerly Colorado MicroDisplay Inc.) is based in Boulder, Colorado and supports international markets and customers. The company's award-winning microdisplays are used in various consumer and industrial applications in the mobile computing, mobile communications, entertainment, gaming, and digital imaging markets. Current investors in the company include GE Capital, Texas Instruments, Intel, In Focus, Polaroid, Siemens, Dr. Robert Epstein, Granite Ventures (formerly Hambrecht & Quist), Vulcan Ventures, Telesystem-Argo Global Capital, 3i, Sequel Partners, Aweida Ventures, Enertech Capital, Chatterjee Group, Gruber & McBain, and Odyssey. Additional information on the company can be found at: <http://www.zight.com/>.

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