



NEWS RELEASE

Visteon Technology Enriches the Quality of Automotive Display Graphics

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VAN BUREN TOWNSHIP, Mich., Aug. 3, 2022 (GLOBE NEWSWIRE) -- Visteon Corporation (Nasdaq: VC), a global technology company serving the mobility industry, has developed an integrated system that dynamically improves the vehicle display contrast ratio. The company's solution uses proprietary advanced algorithms to control the full array local dimming display. A matrixed array of LEDs behind the image plane are individually controlled to deliver luminance where needed, optimize pure-black content, and drastically reduce power requirements.

The Visteon Local Dimming technology works with thin and curved screens as well as thin border display designs. Optical benefits include a higher perceptual display quality with minimized halo effect. Because the system requires fewer LED zones, power consumption can decrease by 70%, compared to other technologies. The production-ready solution is inherently compatible with electric vehicle systems and with other advanced display technologies Visteon offers, such as **Active Privacy** and **TrueColor Image Enhancement**.

Visteon Local Dimming controls the display dynamics based on the image content. An algorithm directs the underlying LEDs to be brighter in regions with bright content or to be very dim or off behind regions of the screen with dark or black content. This dynamic back-lighting layer delivers a tenfold increase in the contrast of the display (from 1K:1 to 10K:1). Significant power savings are an additional benefit of the LED control algorithm, which continually calculates optimal luminance requirements.

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The market is increasingly seeking high-perceptual-quality displays and reduced power solutions. Our unique local dimming solution improves the contrast ratio at a more affordable price than premium solutions and provides significant reductions in power consumption. This technology leads to high perceptual quality in affordable displays that use less power. Visteon's expertise in both display optics and algorithms enables us to excel in this technology category. The Visteon Local Dimming systemic approach balances system cost, contrast improvement and image halo management.

Qais Sharif, Global Vice President of the Display Product Line

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About Visteon

Visteon is a global technology company serving the mobility industry, dedicated to creating a more enjoyable, connected and safe driving experience. The company's platforms leverage proven, scalable hardware and software solutions that enable the digital, electric, and autonomous evolution of its global automotive customers. Visteon products align with key industry trends and include digital instrument clusters, displays, Android-based infotainment systems, domain controllers, advanced driver assistance systems and battery management systems. The company is headquartered in Van Buren Township, Michigan, and has approximately 10,000 employees at more than 40 facilities in 18 countries. Visteon reported sales of approximately \$2.8 billion and booked \$5.1 billion of new business in 2021. Learn more at <https://investors.visteon.com/>.