

NEWS RELEASE

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Summit Programmable Driver Powers LensVector™ Solid-State Autofocus Device for Mobile Phone Cameras

Complete autofocus driver solution integrates high-voltage drive, signal processing, digital control and non-volatile configuration into tiny chip-scale package.

Sunnyvale and Mountain View, Calif. – February 15, 2010 – Summit Microelectronics, the leader in programmable mixed-signal power management IC solutions, has introduced the SMB274 programmable driver for the LensVector™ solid-state AutoFocus device.

The SMB274 demonstrates Summit's leadership in programmable mixed-signal power management, integrating high-performance analog power and high-density digital control. This high level of integration combined with micro-power operation in an ultra-compact CSP package and minimum external components yields an ideal solution for the next generation of miniature digital cameras employing LensVector AutoFocus technology.

LensVector has developed breakthrough optical technology that can shape, steer and focus light without mechanical movement. The company's technology addresses the need for autofocus and other advanced optical features in the large and rapidly growing market for miniature cameras embedded in mobile phones, laptops, pocket video camcorders and other

consumer electronics. Sampling today with key customers, LensVector AutoFocus replaces the complex, bulky and often fragile mechanical autofocus mechanisms currently found in camera phones with a simple and easy-to-integrate solid-state component.

“The close partnership and cooperative product development efforts between LensVector and Summit have enabled the timely introduction of the first complete solid-state autofocus solution for handheld applications,” stated Abid Hussain, Summit’s Vice President of Marketing and Applications. “The SMB274’s tiny solution size and the ultra-compact LensVector AutoFocus device combine to create unprecedented performance and form factors in digital imaging. Summit is pleased to be part of this ground breaking innovation.”

“Our handset customers have expressed strong interest in small, energy-efficient, rugged autofocus solutions from LensVector that can easily be integrated into their devices and mass manufactured at a competitive cost, ” said LensVector CEO Derek Proudian. “Summit’s driver IC complements these advantages and delivers a solution that brings autofocus to every camera phone. The solution simplifies camera module designs and fits seamlessly into module integrator’s existing assembly processes.”

Features

The SMB274 combines all the features and functions required to support the LVAF device operation. The autofocus driver is powered by an on-chip charge pump while integrated feedback signal processing optimizes performance and minimizes external components. To ease system integration the SMB274’s I²C/SMBus serial interface and non-volatile configuration options provide simple host control and flexibility to address various applications. Together these features allow seamless operation with existing and emerging autofocus control systems in mobile phone cameras.

Availability

The SMB274 is offered in a 1.34mm x 2.34mm, 15-ball WLCSP package. Samples and Evaluation Kits will be available later this quarter from Summit and LensVector.

About Summit Microelectronics: “Programmable Power for a Digital World™”

Summit Microelectronics is the leader in flexible, mixed-signal integrated power management solutions, for the consumer, communications and computing markets, combining high-performance analog power with powerful digital control in a single chip. This integration and flexibility combined with a simple GUI-based development tool and non-volatile configuration

yields the lowest total BoM cost while reducing system design time and effort. For more information visit www.summitmicro.com.

“MobileGreen Technologies™”

Summit Microelectronics actively supports industry efforts towards creating a greener planet. The Company’s MobileGreen™ technologies significantly reduce the energy consumption and waste material footprint in our customers’ products. For more information visit www.summitmicro.com/MobileGreen.

About LensVector, Inc.

LensVector is leading a revolution in solid-state optics with solutions that replace moving parts of tiny cameras found in mobile phones, laptops and other consumer electronics with solid-state optical components. LensVector delivers the smallest autofocus products in the industry, making high-quality photography, m-commerce and video practical for everyone. LensVector solutions integrate easily with any camera module and are manufactured using proven, scalable processes from the LCD and semiconductor packaging industries. For more information, visit www.lensvector.com.

Summit Microelectronics URLs:

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LensVector URLs

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