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Microvision Integrates First Direct Green Lasers into Pico Projector Prototypes

Critical Milestone Reached on the Company's Technology Roadmap to Support High Volume Product Requirements

REDMOND, Wash.--(BUSINESS WIRE)-- Microvision, Inc. (NASDAQ: MVIS), a leader in innovative ultra-miniature projection display technology, today announced it has successfully integrated the first "direct green" laser samples from two leading manufacturers into pico projector benchtop prototypes. This achievement represents an important first step toward the commercialization of PicoP(R) display engines using direct green lasers. The PicoP display engine utilizing a direct green laser is expected to offer significant commercial advantages in price, size, power, and performance.

"We are very pleased with the performance of these early direct green laser prototypes," commented Sid Madhavan, Microvision vice president, R&D and Applications. "These encouraging results give us confidence that direct green laser diodes will be capable of meeting the performance requirements for integration into our PicoP display platform."

Simplicity leads to lower costs

Microvision's current pico projection engine uses red and blue laser diodes and a frequency-doubled "synthetic" green laser to create a full color image. Synthetic green lasers are infrared lasers that are manipulated to reduce their wavelength to produce a green light. This conversion process creates a complex system of multiple components held to tight tolerances making manufacturing more challenging.

Direct green lasers are capable of producing green light natively, greatly simplifying laser design and manufacturing processes. Direct green lasers are expected to be manufactured in a manner similar to red and blue lasers available today, facilitating lower cost and rapid scalability to commercial quantities. The combination of smaller size, lower power, and lower cost make direct green lasers an attractive alternative to synthetic green lasers for Microvision's mobile display solutions.

Historically, availability of synthetic green lasers has been constrained due to their complexity and the existence of only two manufacturers. Today, there are at least five companies worldwide that have announced they are developing direct green lasers for late 2011 to mid 2012 commercial introduction. Industry researcher Yole Development forecasts that the direct green laser market size will reach about $500 million by 2016 and should represent more than 45 million devices.

About Microvision

Microvision provides the PicoP(R) display technology platform designed to enable next-generation display and imaging products for pico projectors, vehicle displays and wearable

displays that interface with mobile devices. The company's projection display engine uses highly efficient laser light sources which can create vivid images with high contrast and brightness. For more information, visit the company's website (www.microvision.com) and corporate blog (www.microvision.com/displayground).

Forward-Looking Statements

Certain statements contained in this release, relating to future delivery, business success, operating results, company and third party product development, and potential product benefits, in addition to statements containing words such as "step toward," "will," "plans", are forward-looking statements that involve a number of risks and uncertainties. Factors that could cause actual results to differ materially from those projected in the company's forward-looking statements include the following: our ability to raise additional capital when needed; our financial and technical resources relative to those of our competitors; our ability to keep up with rapid technological change; government regulation of our technologies; our ability to enforce our intellectual property rights and protect our proprietary technologies; the ability to obtain additional contract awards; the timing of commercial product launches and delays in product development; the ability to achieve key technical milestones in key products; dependence on third parties to develop, manufacture, sell and market our products; potential product liability claims; and other risk factors identified from time to time in the company's SEC reports, including the company's Annual Report on Form 10-K filed with the SEC. Except as expressly required by federal securities laws, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, changes in circumstances or any other reason.

Source: Microvision, Inc.