



Owens Design

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Press Release

For Immediate Release
9 A.M. EDT, July 1, 2005
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Owens Design announces partnership with Questar to develop wire bonder

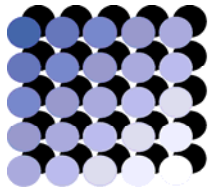
Fremont, California: Owens Design Inc., a company providing turnkey product development outsourcing services, announced today that it has partnered with Questar Products International, Inc. to develop a product line of automatic wire bonders built on Kulicke and Soffa's™ former Hybrid bonder platforms. These cost-effective machines include such capabilities as Fine Pitch, Large Table Travel, and Ball Bumping, as well as Very User Friendly, Customizable Software. The key benefit to the end user is a very high performance to price ratio. The Questar Q2100 series bonders are designed for a broad range of complex devices, and compete very favorably with any other machine in their target market.

John Apgar, President of Owens Design stated, "Our customer challenged us to come up with a cost effective design, replacing and upgrading older technology components, solving difficult electronics layout challenges, while packaging the system and all electronics in a very small footprint, and conforming to all SEMI and CE standards."

Questar Products chose Owens Design due to its long history in solving problems in complex electronics packaging and being able to design, prototype and continue to build ongoing machines in production volumes at prices that match or are below their own internal cost. Dennis Scott, President of Questar Products said, "As a small company focused solely on delivering high quality wire bonding equipment at aggressive prices, we must partner with companies that can deliver on our customers high expectations. The fact that they could do both the design and the assembly made Owens an obvious choice."

Since 1982 Owens Design has designed and produced custom machines and modules for the semiconductor, hard disk, biotech and other emerging high tech industries and has served customers such as Ultratech, Thermawave, KLA-Tencor, Asyst, Aclara Biosciences, Lifescan, Teradyne, Credence, Mattson, Novellus and many others.

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About Owens Design

Owens Design specializes in engineering and manufacturing of capital equipment. Located in Silicon Valley for over 25 years, they have been a strategic partner in the co-creation and manufacturing process for many leading OEM capital equipment companies. Owens Design engineers and manufactures customer's products from concept, through alpha, beta, pilot and on-going production. Their development process results in a rapid design cycle and concurrent manufacturing introduction. Owens Design has and continues to be an innovative and reliable partner for equipment companies in the semiconductor, solar and related industries.

About Questar

Questar Products International, Inc. is a manufacturing services company specializing in semiconductor assembly. Since 1984, Questar has been providing quality equipment and manufacturing expertise to companies needing new or expanded assembly capability, both domestically and internationally.

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