

# Company Overview

## Company Background

Founded in 2002 in Sunnyvale, CA, Neoconix is a premier supplier of high density, high performance electrical interconnects.

Neoconix has developed a revolutionary new approach to connector manufacturing that utilizes advanced printed circuit board (PCB) processing techniques to produce interconnect products. Characterized by exceptional dimensional control at fine feature sizes, Neoconix's PCBeam™ technology is ideal for a broad set of applications that require high density, high performance, and high reliability. Neoconix's market reach includes the mobile, telecom, computing, medical, military, and automated test equipment markets.

## PCBeam™ Technology

Neoconix's PCBeam interconnect technology adds a 3rd dimension (z-axis) to traditional 2-dimensional PCB processing. Metal contact elements (springs) emanate from one or two sides of a PCB-based material (typically FR-4), which is then integrated with an application-specific housing or clamp. A photolithography and etch-based manufacturing process offers excellent dimensional control compared to traditional stamping and molding, and the process is scalable to very fine feature sizes for space constrained applications.

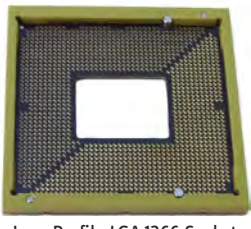
Lithography-based processing allows unparalleled levels of design flexibility without the heavy NRE/tooling burden that comes with molded connectors. Capabilities include extremely low profile connections, SMT attachment options, trace routing within the connector, and virtually limitless options for the connector layout.

## Manufacturing

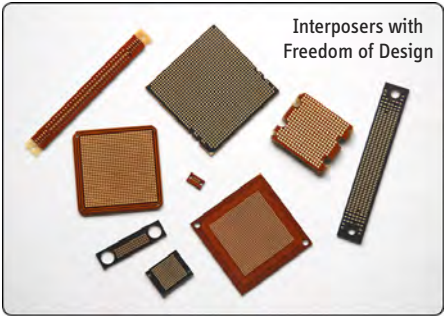
Neoconix has manufacturing facilities in Sunnyvale, CA and Shenzhen, China. The Sunnyvale factory at Neoconix headquarters supports R&D, quick-turn prototyping, and low-to-medium volume production. For high volume production, Neoconix has partnered with Unimicron Corporation. Unimicron is ISO 9001 certified and was recently ranked as the world's number one PCB and substrate manufacturer. The Shenzhen factory uses cost-effective, large format panel manufacturing and automated, state of the art equipment to greatly increase manufacturing capability and capacity.



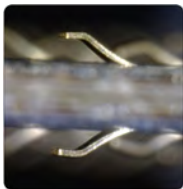
Flex to Board Interposer



Low-Profile LGA 1366 Socket



Interposers with Freedom of Design



PCBeam™ Technology

## Product Offerings

Neoconix's product offerings include LGA sockets, board-to-board connectors, and flexible printed circuit (FPC) connectors. These products can be as large as 10,000 contacts or as small as 4 contacts, and can be built with a continuum of available thicknesses.

Neoconix's newest products are in the mobile electronics market, where space is at a premium and miniaturization is critical. Neoconix's flex-to-board and board-to-board solutions offer space savings in x, y, and z, and can be easily optimized to accommodate the specific design constraints of a given system.