



Beta Buzz

Summer 2008

Volume 1, Number 10

What's New...

Importance Notice

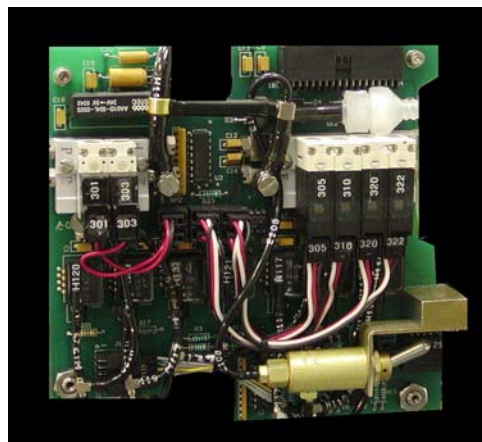
Discontinued Parts

We have been advised by our solenoid supplier, that the following solenoids have been discontinued with no replacement: 407400, 409214 and 409220. These solenoids were used on PN (s) 4-000-0908 (407400), 4-000-0909 (409214) and 4-000-0910 (409220).

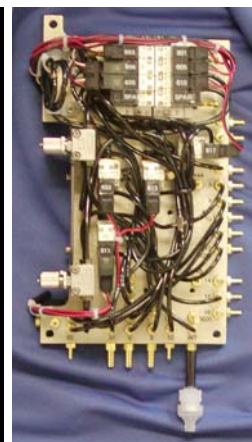
As a replacement for the "old" style 300 & 800 manifolds, BSL offers PN 4-000-0960 and 4-000-0966. These parts have been available for a few years.

We have designed our "New" 300 & 800 manifolds to incorporate SMC solenoids. We did this because SMC solenoids have known advancements such as remarkably high flow capacities from very compact designs, less power consumption, faster response, longer life, integrated surge suppression and indicator lights. Reliability and long life are proven with life ratings of 50 to 200 million cycles, and they're COTS (commercially off-the-shelf). This means less down-time and greater MTBR.

Call or email for price and availability.
Replacement Manifolds are shown below



4-000-0960



4-000-0966

Routing



Front Page:

Discontinued Parts

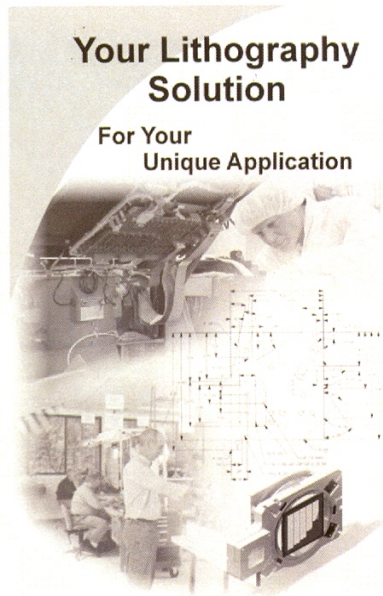
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Beta Squared Lithography Inc. has redesigned the Micralign™ today for tomorrow's compound semiconductor requirements, incorporating BSL's trademark reliability and performance upgrades. We currently have systems throughout the world that are processing these substrates/applications:

- Gallium Arsenide (GaAs)
- Silicon Carbide (SiC)
- Sapphire (Al₂O₃)
- Cadmium Zinc Tellurium (CdZnTe)
- Cadmium Mercury Tellurium (CdHgTe)
- Germanium (Ge)
- Quartz (SiO₂)
- Pyrex
- Solar/HD Heads/Ink Jets
- Gyros/Accelerometers

To find out more information or to purchase a refurbished Micralign™ for your compound semiconductor requirements, email us at: sales@beta2L.com



**Beta Squared
Lithography Inc.**

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BSL Ad in Compound Semiconductor

This is a copy of our latest ad that was in the May 2008 issue and will also run in the July issue that will be given out at Semicon West next month.

As you can see, we are the only company that has Micraligns that can process clear substrates. We also have the ability to process unique shaped substrates.

If you have an application that requires a special prealigner for see-through substrates or unique shaped substrates, call or email us.

Micraligns™ for Sale

Beta Squared Lithography, Inc., the leader in Micralign™ Sales, Service, High Reliability Parts and Equipment Upgrades has a large inventory of Micralign™ Mask Aligners available for sale with or without OS2000. Let BSL configure a Micralign™ that meets your specifications.



"We focus on high reliability, throughput enhancements, and reduced cost of ownership for our customers."

Beta Squared Lithography, Inc.

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This publication is designed to give
accurate and authoritative
information in regard to the subject
matter covered for the employees
and customers of
Beta Squared Lithography, Inc.

"Your Outsource Solution"



Beta Squared Lithography, Inc., provides mainstream lithography equipment that incorporate custom-designed solutions to expand and improve the capabilities of the product to the customer. BSL also has a full-service repair facility for many of the repairable parts of the **Micralign™**. These services span electrical / electronic board repair, optics stripping / re-coating / alignment and mechanical repair / alignment.

Compound semiconductors and Nano-technologies are the perfect match for the new Micralign™ technology we offer today. A large depth of focus and 1.0 micron resolution, combined with our **OS2000** control system's flexibility, vision system and global alignment, provides stepper-like automation.

Beta Squared Lithography has a Micralign™ re-build and retrofit service, including:

- Fully refurbished and warranted Micralign™ tools
- Wafer size changes
- Air-track to PAL conversions
- 900, 800 and 300 manifold upgrades

Re-hosing (replacement of every hose in the tool)

The company is headquartered in Brookfield, CT, USA, with satellite offices in Singapore, France, and Korea.

Beta Squared Lithography Sales, Service & Support

Beta Squared Lithography, Inc. has a **huge inventory of Micraligns™** that are completely refurbished to "**Factory Specifications**". The **depth & breadth of our global inventory** consists of "**high reliability**" **parts and accessories** that are unsurpassed and **ready to ship anywhere**. We can **completely refurbish, upgrade and customize your existing equipment** to meet today's requirements. BSL offers **training for beginner, intermediate and advanced** levels along with **technical support**. Our **Field Service and Support Staff** is available both overseas and domestic. We provide the highest quality of **custom**

maintenance services, based on your needs, available both overseas and domestic.

