

# GM SYSTEMS, LLC. <http://www.gmsystems.com/>



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LONG ISLAND, NY COVERING N.Y., N.J. AND EASTERN P.A.

**ASSEMBLY SERVICES - ELECTRONIC COMPONENTS AND DESIGN SERVICES**

**SUBSTRATES & PACKAGES - EQUIPMENT & TOOLS - MATERIALS & ADHESIVES**

## *Representing the following Companies:*

**Advanced Circuit Technology** specializes in contract manufacturing of hybrid circuits and SMT printed circuit board assemblies. Our production is divided primarily between ceramic hybrid circuits and printed circuit board & box assemblies. Advanced Circuit Technology is ITAR certified and is a secure facility or classified work. (<http://www.advcircuit.com/index.php>)

**Cirtek Electronics** Subcontractor for semiconductor device assembly. CIRTEK provides complete turnkey solutions that include services from wafer probe, wafer back grinding, assembly and packaging and final testing of semiconductor devices up to drop shipments to our Customer's end users. Package offering ranges from simple diodes, transistors, single Integrated Circuit to multiple die assembly and from simple components assembly to complex networks multi-component devices and Multi-Chip Modules (MCM) & Chip on Board (COB). Cirtek Electronics is certified to the latest quality system standard (ISO/TS16949, ISO14001, DSCC (DLA), UL and BABT certified manufacturing facility). (<http://www.cirtek-electronics.com>)

**Agile Microwave Technology** design, develops and manufacturers RF and Microwave Amplifiers, and multi-function RF & Microwave modules and MCM's for Telecom, Military and Space Markets. (<http://www.agilemwt.com>)

**AyDeeKay** is a privately held semiconductor company, specializing in custom ASIC development for embedded systems in the consumer, medical and automotive spaces. AyDeeKay ASICs may embed an ARM microcontroller core together with a variety of analog and mixed signal blocks, including low power or high voltage power management, wired and wireless communications interfaces, sensor interfaces, user interfaces or high voltage control interfaces. (<http://aydeekay.com>)

**Silicon Link** is a supplier of power management Integrated Circuits, Power MOSFETS, TVS Diode, SCR's semiconductors. Silicon Link acquired semiconductor division of Astec Power. Silicon Link is the present owner of all Intellectual Property of Astec Semiconductor devices. (<http://www.silicon-link.com>)

**Sysacom** is an engineering firm that specializes in customized electronic circuits and systems design. They can develop the architecture and complete system designs, develop patterns, printed circuits, and software and manufacture prototypes. They have experience with high performance circuits (VHDL) for high speed logic, audio, video and acoustic signal processing, engine controller, machine-to-machine, and have several interface standard products ([www.sysacom.com](http://www.sysacom.com))

**Crafronics** is a manufacturer of precision tools and accessories for the semiconductor industries. Crafronics provides semiconductor tools with high quality, very competitive pricing, prompt delivery and efficient & effective sales support. We will not be satisfied until you are. We are specializes in die bonding, wire bonding and QA tools such as ejector pins, wire hooks, shear pins, hi-temp plastic/rubber collets, epoxy dispensing tools, needle holder/pepperpots and others. (<http://www.crafronics.com.my>)

**Micro-Coat Technologies** provides specialized UV Curing equipment, Conveyors and shuttle systems, Dispense and Fill Systems, Controllable Dispenser (EFD Replacement), and the MCT Model 100 UV Cure Light Wand. (<http://www.m-coat.com/>) and Click on Equipment

**Micro Printing Systems** is the worldwide manufacture and supplier of the MPS screen printers, Models TF100 and SP1500, to the hybrid, ceramic, micro-electronic and PC solder paste industries. They are also a major supplier of the leading squeegee materials in the industry. ([www.mps-intl.com](http://www.mps-intl.com))

**Epo-Plus** a division of MPS was founded in City of Industry, California to provide customers the convenience of packaged one and two part epoxies at a reasonable price. We offer packaging for all manufacturers materials such as Ablestik, Henkel, Epoxy Technology, 3M, Dow Corning, etc. We also have a large inventory stock of these materials ready for next day delivery. Epo-Plus only requires a \$50.00 minimum buy where as most manufacturers have very high order minimum and buy order. We have been repackaging epoxies for over 30 years without a single reject. Contact John Little at [jlittle@mps-intl.com](mailto:jlittle@mps-intl.com)  
OR CALL: **626- 330-5592**

**Koartan Microelectronic Interconnect Materials** manufactures environmentally friendly thick film pastes and supplies a variety of specialty powders and Nano-powders for scientific and manufacturing purposes. Our pastes for the microelectronic industry include silver, gold, and copper conductors, resistors, NTC and PTC thermistors, multilayer, cross-over, and capacitor dielectrics, sealing glasses, BeO and aluminum-nitride compatible pastes, thin-print, etchable, and nickel platable conductors. Our pastes are in use in automotive, wireless, telecommunications, data processing, medical, component manufacturing, military/aerospace, consumer, and industrial applications (<http://koartan.com>)

**Micro-Coat** Technologies provides specialized adhesives and coatings for high-tech and high-reliability applications used in semiconductors, military, medical, aerospace, and solar products. The company's diverse offerings include UV, Thermal & Air Cure Coatings, and Adhesives for the Semiconductor and SMD/PCB Assembly (Die Attach, Lid Seal, and Board Coatings), Optoelectronics and LED's (Optical coatings). They are headquartered in McKinney, Texas with satellite facilities in CT and NC.  
(<http://www.m-coat.com/>)

**Microcertec, Kerdry and PNL:** *work collectively to provide integrated advanced ceramic solutions and assemblies for high tech markets worldwide!*

**Microcertec** has been for more than 30 years specialized in the Precision Grinding of advanced design ceramics. We are a human-sized company, committed to be a genuine partner capable of delivering a technical solution that meets customer expectations. Our unique expertise is to combine precision-grinding of 3D ceramics, thin-film metalizing and laser micro-machining to serve high-tech markets as photonics, electronics, aerospace, semiconductors, and analytical instrumentation. (<http://www.microcertec.com/>)

**Kerdry** was founded in 2003 by two researchers from the French Telecom Applied Research Laboratories. KERDRY offers a wide variety of vacuum deposited thin films used in the Medical, Telecom, Military, and Aerospace Industries. KERDRY has state of the art equipment facility capable of prototypes and volume thin film deposition. ([http://www.kerdry.com/english\\_kerdry/](http://www.kerdry.com/english_kerdry/))

**PNL INNOTECH** Provides Glass and Ceramic-to-Metal hermetic components such as: Metal brazing to ceramics (Alumina, Zirconia, B4C, AlN, SiC, Si3N4), Glass-to-Titanium seals, Bakeable feedthroughs and connectors, Housing for Medical implants and U.H.V. viewports (Glass, Quartz, Sapphire, CaF2, BaF2) CONTACT THEIR PARENT COMPANY AT (<http://www.microcertec.com/>)

**Sentec** is a high volume advanced Taiwanese manufacturer of metalized ceramic substrates for Low (<1W) to Medium (1-3W) to High (10W) power applications. They provide DBC substrates utilizing thin-film technology to meet product specifications for the LED industry. Sentec has a highly capable skilled engineering staff. They currently supply products to the LED/ Optoelectronics, Microwave, Semiconductor and Solar markets. High Accuracy Multi-layer LTCC Substrate, Cu Slug Ceramic Substrate, Hermetic Ceramic Package (10<sup>-8</sup>) (<http://www.sentecee.com>)

**Triangle Ceramics** based in Morrisville, NC is an Aluminum Nitride supplier with the ability to produce not only flat sheets, but also 3-dimensional stock material as large as 14 inches in diameter and 3 inches thick in a variety of AlN material forms. We do offer the typical 180 W/mK material, but we also offer the following bulk materials: High Purity AlN, High Reflectivity (white) AlN, Zero Porosity AlN, High Thermal Conductivity AlN: this is the 180+ W/mK material typically used for thermal management. Triangle offers bulk Tantalum Carbide for machining. ([www.trianglceramics.com](http://www.trianglceramics.com))