

DNA DELIVERS POWER

Virtually all DNA products are destined to regulate AC or DC voltage to a motor, light or heating load. Whether it is through a simple on-off slide switch, a sophisticated electronic control, or a complete power management system, our end product is the delivery of power.

We **Switch** Power with on-off slide, toggle, rocker, pushbutton and rotary switches for portable appliances, power tools, personal care, laundry equipment and marine controls

We **Regulate** Power with multispeed and variable speed trigger, rotary and pushbutton switches, and complex controls for major appliances, power tools, kitchen and portable appliances

We **Transform** Power with step-up transformers for ionizers, gas ignitor applications and solenoids

We **Interrupt** Power with patented ALCI/ELCI/GFCI devices to protect against the hazards of electrical shock

We **Select** Power with multi-position rotary switches, encoders and keypads

We **Display** Power with LED and LCD arrays integrated into custom controls

We **Manage** Power with electronic assemblies for the appliance, HVAC, lawn & garden, marine and transportation markets

We **Distribute** Power with digital keypad and load controllers for marine, transportation and industrial markets

We **Deliver** Power

CAPABILITIES

Production

Manufacturing
Mold development
Plastic part design
Plastic injection molding
PCB assembly
Metal stamping
Coil winding
Vacuum potting
Electronic calibration

Design

Rapid development cycle times
Prototyping capabilities
Compact designs
Customized components
Mixed signal electronics
Printed circuit layout & design
Software & hardware development
Cost effective technologies

Quality & Testing

100% On-line testing
High frequency testing
Video & conventional microscope inspection systems
Computerized testing stations
Semi-automated functional testing (Go/No-Go)
Custom PC software integrating various test instruments
High quality logic analysis systems to diagnose digital design problems
Analog and digital testing capabilities
Electronic circuit simulation and in-circuit emulators
Light and color testing capabilities
UL approved test facilities

Services

OEM / ODM Service
Design / Engineering

Logistics

Warehousing / Distribution
Customs fulfillment services
Third party logistics services



DNA Group, Inc.

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DNA Group, Inc.

Defond North America
Digital Switching Systems
DNA Resource
Signal Technology

DNA Delivers Power



DNA Group, Inc. is a privately-held corporation which provides resources for its four operating subsidiaries. These companies share:

- A technology platform of electronic and electro-mechanical engineered solutions to human-machine interfaces and controls.
- A history of establishing broad and deep strategic partnerships with OEM companies.
- Providing infrastructure and resources for door-to-door supply chain and logistics management.
- A robust IP portfolio which is integrated into both OEM and ODM projects.
- A balance of domestic and global engineering resources substantial enough to support tier-one companies and the flexibility to respond to tier-two and emerging companies.



Sygnal Technology, LLC is an IP holding company which both develops and licenses technologies for consumer product applications.

DNA Resource, LLC supports OEM procurement of specialized materials. DNA Resource is experienced in finding sources in Asia and Europe for almost any component needed for the complete build of an OEM product.

DNA Group, Inc. has over 20 years of history doing business abroad and successfully navigating the global marketplace, saving customers time and resources. U.S. companies trying to introduce their products to the Asian and European markets will find DNA Resources a welcome and responsive trade partner.

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Defond North America supports OEM development of electro-mechanical and electronic assemblies, switches and controls with U.S. based engineering, customer support and sales.

Defond NA is affiliated with Group Defond of Hong Kong. Our products are manufactured in Defond's China-based, vertically integrated factories. Through our manufacturing partnership with Defond, our customers are able to provide high performance, cost competitive products to their North American consumers. DNA's success stories include solutions in the appliance, marine, lawn and garden, transportation, security, HVAC, power tool and medical markets.



We Are Known By The Company We Keep.

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|----------------|-------------------|-----------------|-------------------|
| Alcatel | Electrolux | Jarden Consumer | Research Products |
| A.O. Smith | Emerson Electric | Solutions | Groupe Schneider |
| Black & Decker | Eureka | John Deere | Sunbeam |
| Bosch | Fuji Electric | Kaz | Toro |
| Braun | Hamilton Beach | KitchenAid | Toshiba |
| Broan | Hoover | Microsoft | Whirlpool |
| Conair | Hunter Irrigation | Panasonic | Zoom Audio |
| | | Philips | |

DNA Group companies share a commitment to common core values of integrity, teamwork, excellence and attitude. DNA employees share a commitment of personal performance: "It's How We Do What We Do."

Digital Switching Systems is recognized as the leader in multiplex distributed power management systems for the marine, transportation and industrial markets.

The omni-BUS™ series of components and systems are plug-and-play compatible, featuring visually contemporary keypads and switching components with advanced functionality including: pre-programmable settings, auto-shutoff and fault warnings. The omni-BUS™ line of electrical systems offer a cost competitive, low maintenance design solution versus discrete switching. The system monitors output functions and informs vehicle operators through the use of LED, LCD displays and/or audio warnings.



The PowerKey Pro series of keypads delivers the latest family of relegendable, multi-protocol, reconfigurable human interface devices. Possessing the rugged NEMA6/IP67 rating to protect from weather and moisture damage, they



can communicate on J1939, NMEA 2000 and CAN-OPEN protocols for controlling and monitoring functions.



The 3-way, remote toggle, momentary and scroll functions can be custom programmed as preset functions for ease of vehicle operation.

