



# Alliance Group Northwest Inc.

14615 NE North Woodinville Way Ste 201, Woodinville, WA 98072 \* 425-481-7722; Email: Sales@alliancegroupnw.com; Web Site: www.alliancegroupnw.com

Effective Date: 10/2017

## AddA USA Corp

[www.addausa.com](http://www.addausa.com)

### Thermal Mgmt Devices



- Complete line of AC & DC Cooling Fans & Blowers
- Fans for High Airflow, High Back Pressure & Waterproof Applications
- Passive & fan Chip Coolers
- Options: Motor Protection, Speed Sensors, PWM Control, Finger Guards

## Challenge Electronics

[www.challengeelectronics.com](http://www.challengeelectronics.com)

### Audible Products



- Battery Holders
- Magnetic and Piezo Buzzers & Transducers
- Panel Mount Piezoelectric Alarms
- Wide rang of Speaker, Headsets, Receivers & Condenser Microphones

## E-Switch

[www.e-switch.com](http://www.e-switch.com)

### Switches



- PCB Switches include Rocker, Toggle, Push Button, DIP, Tact, Nav., Slide, & Tilt
- Panel Mount Switch offering of Rotary, Rocker, Push Button, Toggle, Keylock & Anti-Vandal
- Standard, Miniature and Subminiature Snap Action Switches
- Sealed, Lighted and Customization Options available for many series

## Kycon

[www.kycon.com](http://www.kycon.com)

### Connectors



- D-Sub, Mod-Jack, HDMI, USB, Mini-Din, Audio and DC Power Jacks, & IEEE 1394
- Full Line of I/O Connectors & Wire to Board connectors, and Cable Assemblies
- Mod Jacks: IP67, with or w/o Shielding, LED or Magnetics
- Mounting Options: Thru-Hole, SMT, Vertical, Right Angle, Stacking & Mid-Mount

## Laube Technology

[www.laube.com](http://www.laube.com)

### Custom Input Devices



- Analog and Matrix Resistive Touch Screens
- Plastic Injection Molding
- Silicone Rubber & Membrane Keypads
- Single & Multilayer Flex and Chip on Flex Circuits

## Melexis

[www.melexis.com](http://www.melexis.com)

### Wireless ICs & Sensors



- Hall Sensors: Switches, Latches, Linear, 3D Position, Rotary Position & Current Sensing
- Optical Sensors: Single Sensor and Thermal Array Infrared Thermometers, Gesture Sensing and QVGA TOF Sensor
- Wireless: ISM Band Transmitters, Receivers and Transceivers, RFID/NFC Transceiver, RFID Sensor Tag, Low Frequency Zone detection “Dead Man’s Switch”
- Pressure Sensors: Relative and Absolute Pressure Sensors
- LIN Bus RGB LED Controller, LIN SBC’s and Bus Transceivers

## Mercury United

[www.mecxtal.com](http://www.mecxtal.com)

### Crystals/Oscillators



- 20KH2-80KH2, Ultra Low Power, 1.0—3.3 Volt Operation Silicon Oscillators
- Ceramic SMD Crystal Filters
- Crystals, Clock Oscillators, VCXO’s and TCXO’s
- Full Line Mfg of Quartz Crystal Frequency Control Products
- Low EMI, Spread Spectrum Clock Oscillators

## Orbel

[www.orbel.com](http://www.orbel.com)

### EMI/ RFI



- EMI/RFI Shielding, Board Level Shielding
- Finger Stock Gaskets, Metalized Fabric Gaskets, Precision Metal Stamping
- Photo-Etched Precision Metal Parts, Electroplated Metal Foils
- Reel to Reel Plating, Battery Tabs, Contacts & Contact Rings, Circuit Board Stiffeners & Busbars

## RCD

[www.rcdcomponents.com](http://www.rcdcomponents.com)

### Resistors Caps Coils & Delay Lines



- Active, Passive Surface Mount and Programmable Delay Lines
- Aluminum Housed, Low Ohm, Power Film, Specialty & High Voltage Resistors
- Ceramic, Tantalum, Network, Chip, Axial & Radial Capacitors
- High Current, Radial Lead, Shielded, Surface Mount and Custom Inductors

## Torex

[www.torexsemi.com](http://www.torexsemi.com)

### Analog Power Supply ICs



- World’s smallest Micro DC/DC converter Offering Built-In Inductor, Step-Up, Step-Down, Step-Up/Down, Multi Channel models
- Voltage Regulators ranging from Low consumption devices to high-speed. Single/dual output channel and voltage detect models
- Voltage Detectors Reset ICs to monitor power supply lines and CLK’s. Single/ Dual Type, Built-in, Adjustable Delay Time or Watchdog function
- Wide variety of related IC’s and power discretetes