

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: 1/2019

Challenge Electronics

www.challengeelectronics.com

Audible Products



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

E-Switch

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

Connectors



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

Mercury United

www.mecxtal.com

Crystals/Oscillators

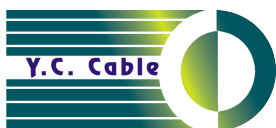


- 20KH2-80KH2, Ultra Low Power, 1.0—3.3 Volt Operation Oscillators
- Ceramic SMD Crystal Filters
- Crystals, Clock Oscillators, VCXO's and TCXO's
- Full Line Mfg of Quartz Crystal Frequency Control Products
- Low EMI, Spread Spectrum Clock Oscillators

YC Cable

www.yccable.com

Custom Cable & Wire Harness Assembly



- Complex Multi-Break Wire Harness Assembly
- RF, Coaxial, Fiberoptic and Hybrid Cable Assemblies
- Plastic Injection Molding and Connector Over-Molding
- Industry Certifications: UL, CSA, ISO 9001: 2008; ISO13485:2003, ISO14001:2004, FDA Registered & ITAR Compliant

Casio/ Ortustech/ Macnica/ Innolux Display Portfolio

www.macnica.com/americas/products/displays/ortustech

ORTUSTECH

- **Advanced Design for Compactness, Reliability, & Very Low Power Consumption**
- **Breakthrough “Blanview” Technology offers Sunlight Readable Display, Long battery life, Low heat Generating, & Exceptional Image Quality**
- **QVGA, WVGA, and HD Displays from 2.2” to 7”**
- **Touch Panels available with some models, Resistive and Capacitive, (PCAP)**
- **Operating temps –30C to +85C, several Wide temp models –40C to +95C**

INNOLUX

- **TFT Sizes ranging from 3.5” to 100”**
- **5 Year Product Life Time Support**
- **Many models are available with a –30+85C Operating Temperature**
- **Narrow Bezel Technology offering of 3.4mm, 1.0mm Bezels**
- **MVA and AASP Panel Technologies offer 178 Degree Viewing Angle and Best Color Reproduction**

MACNICA

- **TFT Sizes ranging from 1.33” to 15.6”**
- **Very Cost Effective, Low MOQ’s and Short Lead Times**
- **High Quality, High Contrast, High Resolution with Great Color**
- **Touch Panels and Custom Configurations Available**
- **Low Power Consumption**