



# Distribution Line Card 2024

For demanding and harsh environments.

Electronic Components | Embedded Solutions | Integration Services

Life Cycle Management Repair + Overhaul



Transports Canada Transport Canada

CAGE CODES  
US: 7R929 ESL: L0F42  
Canada: L6643 MRO: L0K23



Controlled Goods Certificate #24872

# Electronic COMPONENTS

## **AMPHENOL-SINE**

Heavy duty plastic rectangular and circular connectors, rugged metal connectors, smart card connectors

## **BUD INDUSTRIES INC.**

Electronic enclosure solutions in metal and plastic

## **FUJIPOLY AMERICA CORP.**

Thermal interface materials, elastomeric connectors & silicone extrusions

## **HAILO**

Offering specialized AI processors that enable data center-class performance on edge devices.

## **MALICO INC.**

Standard and custom thermal management & metal injection molding

## **MG CHEMICALS**

Cleaners, dusters, adhesives, cold sprays, protective coatings, greases and lubricants, solders & solder-related products, epoxies and specialty products

## **MODE ELECTRONICS**

Adapters, brushes, cable ties, circuit protection, connectors, fans, hardware, optoelectronic components, power supplies, relays, soldering equipment, switches, tools & wire management

## **NADER**

Magnetic hydraulic and thermal-magnetic MCBs for AC and 400 VDC applications

## **NVENT HOFFMAN**

Stainless steel, non-metallic (polyester & fiberglass) and aluminum enclosures

## **ONYX ENTERPRISE**

Metal components, membranes, keypads, plastic molding, heatsinks, thermal, design services and PCB assemblies

## **ORION FANS**

AC and DC fans and blowers, fan trays, power cords and accessories, harsh environment fans

## **PULSE LARSEN ANTENNAS**

Antennas for IOT, DAS antenna products, public safety/LMR, navigation GPS products, small cell antennas, WLAN antenna products, LTE antenna products, NFC antenna products & utility/smart grid antennas

## **PUI AUDIO**

Buzzer and audio indicator technology, alerting devices (audio & vibration), speakers and microphones

## **ROSE + BOPLA**

Instrument and electrical enclosures in polycarbonate, aluminum & stainless steel

## **STAHLIN NON-METALLIC ENCLOSURES**

Non-metallic enclosure products in polyester and fiberglass

## **TADIRAN BATTERIES**

Standard lithium, high power, extended temperature and military grade batteries & battery packs

## **J-SQUARED CAPABILITIES & SERVICES**

- Embedded system design and thermal management
- System integration, custom configurable production
- Product life-cycle management, extended warranty and advance replacement
- Maintenance, repair & overhaul for aerospace, defense, energy, transportation & industrial products
- Thermal simulation



In-house environmental simulation test lab simulating a wide range of environmental conditions including mechanical testing, environmental testing, dynamic testing, corrosion testing, pressure/vacuum testing and package testing for MIL-STD-810G, MIL-STD-167, RTCA DO160, MIL-S-901D

# Embedded SOLUTIONS

## **AAEON TECHNOLOGY INC**

Industrial single board computers and modules; industrial HMI/touch panels IP65 rated; rugged tablets and waterproof PCs

## **ABACO SYSTEMS / AMETEK**

Abaco Systems, a business unit of AMETEK, Inc., is a global leader in commercial open architecture computing and rugged embedded electronics.

## **ACROMAG INC**

Industrial single board computers & modules; reconfigurable FPGA modules; embedded I/O modules

## **ADVANTECH CORP**

Industrial HMI/Panel PCs and displays (IP54 rated); rugged mobile PCs, video processing solutions, extended temperature design services

## **AEGEX TECHNOLOGIES**

Windows-based tablet PC-Zone 1, intrinsically safe mobile technology that could be deployed in multiple zones of hazardous locations, thereby providing cloud-based connectivity for all facets of HazLoc operations

## **ARBOR**

A global provider of dedicated industrial IoT computing and mobility solutions. Arbor offers comprehensive system integration, customer-centric design services, embedded systems, automation products and global logistics support

## **CISCO**

Industrial networking, edge computing, wireless networking, IoT specialization partner - certification

## **CONGATEC**

Focused on embedded and edge computing products

## **ELMA ELECTRONIC INC**

Electronic packaging products for embedded systems- components, storage boards, backplanes

## **HAGIWARA SOLUTIONS**

Industrial C Flash drives, SSDs, mSATA

## **IEI TECHNOLOGY USA**

Embedded boards; wide temp embedded systems; clinical medical displays; medical panel PCs; rugged mobile PCs; industrial PCs

## **INNODISK**

Industrial embedded flash and memory solutions

## **LITEMAX**

Full range LCD panels, panel resizing capabilities; touch screen solutions and waterproofing; digital signage displays, sunlight readable

## **MILPOWER SOURCE**

Rugged power conversion, power management, and networking solutions for commercial, military and aerospace

applications

## **MOXA**

Industrial networking, secure routers, wireless LAN & cellular; industrial computers, PoE cameras, video servers' serial, modbus, profibus and ethernet/IP gateways; RTU controllers & OPC servers

## **NVENT SCHROFF**

Cabinets, cases, subracks, chassis, front panels, backplanes and test adapters

## **OCTAGON SYSTEMS®**

Rugged, custom-built computers for extreme environments

## **PIXUS TECHNOLOGIES**

cPCI and ATCA chassis; backplanes, enclosures & PCB handles

## **SEALEVEL**

Computing boxes, HMIs (Industrial displays), serial connectivity products, I/O products (analog, digital, data acquisition and distributed I/O) and accessories. Also able to custom design and manufacture

## **XPLORE TECHNOLOGIES**

Rugged tablets, Windows and Android, sunlight-readable, MIL-STD-810G and IP67 tested, docks and accessories

## **ZMICRO**

Industrial grade and Mil/Aero mission ready servers and workstations, display units; removable storage modules for data logging

# Product Solutions BY CATEGORY

## **J-SQUARED SERVICES**

Embedded System Design  
Thermal Management  
System Integration  
Product Lifecycle Management  
Maintenance, Repair & Overhaul  
ESL Technology

## **AI ACCELERATION**

Hailo

## **CHEMICALS, COATING & ADHESIVES**

MG Chemicals

## **ENCLOSURES, RACKS & CABINETS**

Bud  
Elma  
Hartmann Electronic  
Hoffman  
Pixus Technologies  
Rose + Bopla  
nVent Schroff  
Stahlin

## **ENVIRONMENTALLY RUGGED SYSTEMS**

Abaco Systems  
iEi Technology USA  
Milpower Source  
OCTAGON SYSTEMS®  
Sealevel Systems  
ZMicro

## **FLASH STORAGE**

Hagiwara Solutions  
Innodisk  
Renice  
ZMicro

## **HAZARDOUS AREA PRODUCTS**

Aegex Technologies  
Moxa  
nVENT Hoffman  
Xciel Inc.

## **INDUSTRIAL COMPUTING PLATFORMS**

Aaeon  
Advantech  
iEi Technology  
Milpower Source  
Moxa  
OCTAGON SYSTEMS®  
Sealevel Systems

## **INDUSTRIAL DISPLAYS, PANEL PCS & TABLETS**

Aaeon  
Advantech  
Aegex Technologies  
iEi Technology  
Litemax  
Moxa  
Xciel Inc.  
ZMicro

## **INDUSTRIAL I/O & DATA LOGGERS**

Moxa  
Sealevel Systems

## **INTERCONNECT & ELECTROMECHANICAL**

Amphenol-Sine  
Mode Electronics  
Onyx Enterprise

## **NETWORKING & COMMUNICATIONS**

Cisco  
Milpower Source  
Moxa  
Sealevel  
PulseLARSEN

## **POWER & ACCESSORIES**

Milpower Source  
Mode Electronics  
Energys  
Tadiran Batteries  
Nader

## **SINGLE BOARD COMPUTERS & SYSTEM ON MODULES**

Aaeon  
Abaco Systems  
Acromag  
Advantech  
Arbor  
Congatec  
iEi Technology

## **SENSORS, OPTO & TRANSDUCERS**

Mode Electronics  
PUI Audio

## **THERMAL MANAGEMENT**

Fujipoly  
Hoffman  
Malico  
Mode Electronics  
Onyx Enterprise

## **VIDEO**

Moxa