Distribution
Line Card 2023

For demanding and harsh environments.

Electronic Components | Embedded Solutions | Integration Services

Life Cycle Management Repair + Overhaul

J SQUARED
TECHNOLOGIES INC™

Transports Canada   Transport Canada

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

AS9100D
ISO 9001
CERTIFIED

Controlled Goods Certificate #24872

Electronic COMPONENTS

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

AUTOMATION SYSTEMS INTERCONNECT (ASI)
Din rail terminal blocks, switches, power supplies & sensors

BLAIZE
Blaize has created a transformative new compute solution that unites silicon and software to optimize AI from the edge to the core.

BUD INDUSTRIES INC.
Electronic enclosure solutions in metal and plastic

ENERDOOR
Noise immunity filters, EMC immunity and emission testing for CE compliance

FUJIPOLY AMERICA CORP.
Thermal interface materials, elastomeric connectors & silicone extrusions

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

SOLA HD
Power supplies, filters, surge protective devices, transformers, power conditioning, UPS

STAHLIN NON-METALLIC ENCLOSURES
Non-metallic enclosure products in polyester and fiberglass

STRONGARM DESIGNS
Operator interface systems and industrial displays for general industry, pharmaceutical, food, clean room, packaging, transportation, and more

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

WALL INDUSTRIES INC.
DC-DC converters, AC-DC power supplies

Y.S. TECH USA
Industrial fans, blowers & heat sink assemblies

J-SQUARED CAPABILITIES & SERVICES

- Embedded system design & 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

ESL LABS
TESTING YOUR LIMITS

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

J SQUARED TECHNOLOGIES INC

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

ADLINK

Industrial and rugged SBC's, peripherals and computing systems. Form factors; ATCA, VPX, Compact PCI/PlusIO, PXI, COM-Express, SMARC, QSeven, PC/104 and Core-Express. Panel PCs, handheld computers and power supplies

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

AXIS COMMUNICATIONS

Network video products. Network cameras, video encoders, accessories and application software

CISCO

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

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

IKEY

Rugged keyboards and peripherals, displays, tablet cases, mobile accessories

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

XCIEL

Rugged, intrinsically safe tablets, mobile PCs and phones

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

J SQUARED
TECHNOLOGIES INC™

Product Solutions BY CATEGORY

J-SQUARED SERVICES
Embedded System Design
Thermal Management
System Integration
Product Lifecycle Management
Maintenance, Repair & Overhaul
ESL Technology

CHEMICALS, COATING & ADHESIVES
MG Chemicals

ENCLOSURES, RACKS & CABINETS
Bud
Elma
Hartmann Electronic
Hoffman
Pixus Technologies
Rose + Bopla
nVent Schroff
Stahlin
Strongarm Design

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.
Xplore Technologies

INDUSTRIAL COMPUTING PLATFORMS
Aaeon
ADLINK
Advantech
iEi Technology
Milpower Source
Moxa
OCTAGON SYSTEMS®
Sealevel Systems

INDUSTRIAL DISPLAYS, PANEL PCS & TABLETS
Aaeon
ADLINK
Advantech
Aegex Technologies
iEi Technology
iKey
Litemax
Moxa
Xciel Inc.
ZMicro

INDUSTRIAL I/O & DATA
Loggers
Moxa
Sealevel Systems

INTERCONNECT & ELECTROMECHANICAL
ASI
Amphenol-Sine
Mode Electronics
Onyx Enterprise

NETWORKING & COMMUNICATIONS
Axis Communications
Cisco
Milpower Source
Moxa
Sealevel
PulseLARSEN

POWER & ACCESSORIES
ASI
Enerdoor
iKey
Milpower Source
Mode Electronics
Sola HD
Wall Industries
Enersys
Tadiran Batteries
Nader

SINGLE BOARD COMPUTERS & SYSTEM ON MODULES
Aaeon
Abaco Systems
ADLINK
Acromag
Advantech
Arbor
Blaize
iEi Technology

SENSORS, OPTO & TRANSDUCERS
ASI
Mode Electronics
PUI Audio

THERMAL MANAGEMENT
Fujipoly
Hoffman
Malico
Mode Electronics
Onyx Enterprise

VIDEO
Axis Communication
Blaize
Moxa