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PROBLEM SOLUTIONS

EMBEDDED SOLUTIONS

ELECTRONIC COMPONENTS

INTEGRATION SERVICES

LIFE CYCLE MANAGEMENT REPAIR AND OVERHAUL



AMO
5000-16

Quality ISO
9001

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

Bud Industries Inc.

Electronic enclosure solutions in metal and plastic

Enerdoor

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

Energys

Batteries, chargers and accessories; motive & reserve power

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 speciality products

Mode Electronics

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

N2 Power

AC-DC and DC-DC power supplies, din rail, medical and high power applications

Nader

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

nVent Hoffman

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

Onyx Enterprise

Sheet metal, stamping, tubing, die casting, aluminum extrusions, plastics, rubber, keypads and heatsinks

Orion Fans

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

PulseLARSEN 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 and 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 fibreglass

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

J-Squared Technologies

Embedded System Design and Thermal Management

System Integration, Custom Configurable Production

Product Lifecycle Management, Extended Warranty & Advance Replacement

Maintenance, Repair & Overhaul for Aerospace, Defense, Energy, Transportation & Industrial Products

Thermal Simulation

ESL Technology

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, EN50155.



J-SQUARED TECHNOLOGIES INC.

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Montreal
438-288-3523

Ottawa
613-592-9540

Toronto
905-501-7573



EMBEDDED SOLUTIONS



AAEON Technology Inc.

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

Abaco Systems (formerly GE Intelligent Platforms)

Rugged, high performance integrated systems and single board computers and modules; routers and switches; DSP and multiprocessing; graphics, video and sensor processors; avionics databus analysis and test solutions; and reflective memory

Acromag Inc.

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

ADLINK

Industrial and rugged SBCs, peripherals and computing systems. Form factors; ATCA, VPX, CompactPCI/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

AJ's Power Source

Conditioners and UPS, DC/DC, DC/AC, railway certifiable

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

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

LiteMAX

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

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

Transcend

Digital storage, multimedia and industrial products. Memory modules, flash memory cards, USB flash drives, card readers

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

Z-Microsystems

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



J-SQUARED TECHNOLOGIES INC.

For info on any of these Electronic Components or Embedded Solutions

Email: inforequest@jsquared.com

PRODUCT SOLUTIONS BY CATEGORY

J-Squared Services

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

Chemicals, Coatings & 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
Sealevel Systems
OCTAGON Systems
Zmicro

Flash Storage

Hagiwara Solutions
Renice
Transcend
Z-Microsystems

Hazardous Area Products

Aegex Technologies
Moxa
nVENT Hoffman
Xciel Inc.
Xplore Technologies

Industrial Computing Platforms

Aaeon
ADLINK
Advantech
iEi Technology
Moxa
OCTAGON Systems
Sealevel Systems

Industrial Displays, Panel PCs & Tablets

Aaeon
ADLINK
Advantech
iEi Technology
Litemax
Moxa
Z-Microsystems
Aegex Technologies
Xciel Inc.

Industrial I/O & Data Loggers

Moxa
Sealevel Systems

Interconnect & Electromechanical

ASI
Amphenol-Sine
Mode Electronics
Onyx Enterprise

Networking, Communications

Axis Communications
Moxa
Sealevel
PulseLARSSEN

Power & Accessories

AJ's Power Source
ASI
Enerdoor
Mode Electronics
N2 Power
Sola HD
Wall Industries
Energys
Tadiran Batteries
Nader

Single Board Computers & System On Modules

Aaeon
Abaco Systems
ADLINK
Acromag
Advantech
Arbor
iEi Technology

Sensors, Opto & Transducers

ASI
Mode Electronics
PUI Audio

Thermal Management

Fujipoly
Hoffman
Malico
Mode Electronics
Onyx Enterprise

Video

Axis Communication
Moxa