

## Connectivity



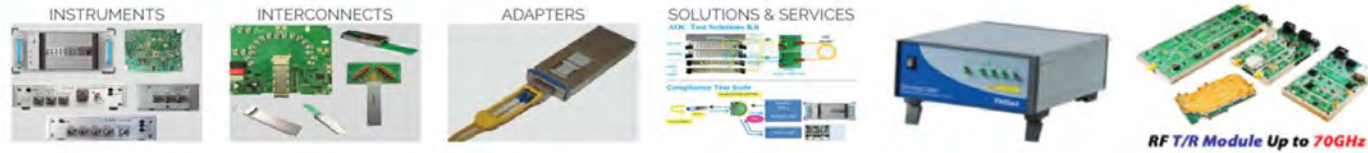
Optical Transceivers    Active Optical Cables    Optical Engines    Communication Components    Wavelength Management, ROADMs, WSS & Amplifiers    RF-over-Fiber

### OPTICAL

- Transceivers: 1Gb/s to 400Gb/s SFP SFP+
- QSFP/28 CFPx XFP CWDM, DWDM
- Mux & Demux
- AOC

### FINISAR

## Test and Measurement



### OPTICAL - Finisar

- Family of programmable optical filters
- High resolution spectrum analyzers for advanced photonics testing

### OPTICAL - Multilane

- Instruments - DSO, BERT, HCB, Loopback modules
- Data rates - 10G to 400G
- Modulation - NRZ, PAM4, QPSK, QAM



### WIRELESS

- Modules - BT, BLE, Zigbee, WLAN, GPS, Satellite modems



### RF & Microwave - RF Lambda

- Connectorized Tx/Rx modules, 0-67GHz
- Limiters, amplifiers, attenuators, mixers, hybrids
- Wave guides & bench top amplifiers
- Military/ITAR, Airborne, Satcom



OTTAWA.TORONTO.MONTREAL.VANCOUVER



Motion Micro Solutions is a Canadian distributor of electronic components and subsystems.

Over the past ten years, we have worked with and supported more than 200 OEMs in Canada, across a wide range of industry segments including: healthcare & medical, communications, oil & gas, rail & transportation, digital signage & media, and general industrial.

Our goal has always been to exceed our clients' expectations.

We achieve this through local, technical, field support, prompt & efficient customer service, abundant local inventory, JIT delivery and flexible terms & conditions.

How can we be of service to you?

www.motionmicro.com | sales@motionmicro.com | 888.294.2704

- |             |                  |                  |                     |
|-------------|------------------|------------------|---------------------|
| ALPS        | Cisoid           | Insight SIP      | Sensoror            |
| AMP Display | Eaglerise        | Inventek Systems | SkyTraQ             |
| AMS         | EAD              | Isotec           | Sonitron            |
| Apacer      | Fema             | Jaro Thermal     | SparkLAN            |
| Arbor       | Fingerprints     | Multilane        | Sparkle             |
| ARCH Power  | Finisar          | Q-Vio            | Telegartner         |
| Artila      | Flex             | Riedon           | TT Semiconductor    |
| A-Value     | Habey            | Rion Tech        | Variscite           |
| Avant       | Hirschmann       | RF Lambda        | Wireless Innovation |
| Cactus      | iBase Technology |                  |                     |

## Embedded

### Applications

- Transportation
- Networking
- Food and Beverage
- Retail
- Healthcare
- Digital Signage
- Custom specific

### Form Factors

- ATX, Micro, ITX
- Mini & Pico
- 3.5, 5.4 SOM
- ComE
- MiniITX
- MicroAT

### HW Options

- Display Integration
- Touch Screen, R & PCAP
- Sunlight Readable
- Wide Temp Range
- Fanless
- Tablets, Panel PC
- Customization

### OS

- Windows
- Linux, Linux Yocto
- Android
- QNX

### Processor

- Intel
- AMD
- ARM



Embedded Computing



Industrial Panel PC



RISC Platform



Intelligent Transportation



Network Appliance



Digital Signage Player



## Power

### Applications

- Industrial
- Healthcare
- Consumer Electronics
- Telecommunications
- Networking
- Lighting
- Transportation

### AC-DC Supplies

- 5W-3KW Industry Standard Form Factors, multiple outputs
- PCB Mount modules
- Rack Mount
- Bulk Power
- LED

### DC-DC Converters

- 3W-700W industry Standard (1/16,1/8,1/4,1/2 Brick)
- Wide Input Range, Multiple outputs

### Transformer

- Toroidal, EI, Audio
- Custom Specific



Custom Configurations-Complete Safety & Certificate Support

## Sensors



### Industrial

- HABA
- Smart Lighting
- Environmental
- Access Control
- Security
- Ultrasonic Flow

### Imaging

- Medical
- Surveillance
- Process Control
- Machine Vision
- AR/VR

### Transportation

- Automotive
- UAV
- Rail

### Solutions

- ALS & Spectrum sensors
- Temperature, Pressure
- VOC & AQ
- ToF, TDC
- Gesture
- Biometric

### Solutions

- CMOS Image sensors
- NanEye
- Ultrasound transducers
- Position sensors

### Solutions

- IMU, Accelerometers
- Tilt & vibration sensors
- POS & Inductive
- LIDAR - VCSEL
- MLA - Lighting
- ToF & TDC



## Storage

### Industrial Grade Flash Memory

#### Applications

- Telecom
- Healthcare
- Industrial
- Transportation
- Aerospace
- Military

#### Supported Interfaces

- IDE
- SD, CF, CFAST, microSD
- SATAII, III/PATA/mSATA
- USB
- PCIe
- M.2

#### Features

- High Reliability, Compliant with MIL-STD-810G
- Stringent quality - Data Integrity and Security
- Extended Temperature Range -40C to +85C
- Product Longevity
- Dust, moisture and corrosion Proof (IP57 Certification)

#### Services

- Custom labeling
- Pre-programmed
- Special screening

| PRODUCT GRADE    | INDUSTRIAL               | OEM                | COMMERCIAL              | CONSUMER              |
|------------------|--------------------------|--------------------|-------------------------|-----------------------|
| NAND Types       | SLC<br>Single Level Cell | pSLC<br>Pseudo SLC | MLC<br>Multi Level Cell | TLC<br>Tri Level Cell |
| Bit/Cell         | 1                        | 1                  | 2                       | 3                     |
| Endurance Cycles | 100K/ 80K/ 50K           | 20K                | 3K                      | 300                   |
| Reliability      | *****                    | **                 | *                       | ,                     |
| Data Retention   | *****                    | **                 | *                       | ,                     |
| Life Cycle       | *****                    | **                 | **                      |                       |
| Locked-BOM       | ✓                        | ✓                  | ✓                       |                       |
| Cost             | \$\$\$\$                 | \$\$\$             | \$\$                    | \$                    |

