

## 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



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?

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ALPS  
AMP Display  
Apacer  
Arbor  
ARCH Power  
Artila  
A-Value  
Avant  
Cactus

Cissoid  
Eaglerise  
EAD  
Fema  
Fingerprints  
Finisar  
Flex  
Habey  
Hirschmann  
iBase Technology

Insight SiP  
Inventek Systems  
Isotec  
Jaro Thermal  
Multilane  
Q-Vio  
Riedon  
Rion Tech  
RF Lambda

Sensoror  
SkyTraq  
Sonitron  
SparkLAN  
Sparkle  
Telegartner  
TT Semiconductor  
Variscite  
Wireless Innovation

## 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



**iBASE** **HABEY** **ARBOR** **AMD**

## 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

- Services**
- Custom Configuration
  - Design Assistance
  - Private Labeling
  - Power Cords



Custom Configurations-Complete Safety & Certificate Support

## Sensors



- Industrial**
- HABA
  - Access Control
  - Security
  - Ultrasonic Flow

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

- Transportation**
- Automotive
  - UAV
  - Rail

- Solutions**
- ToF, TDC
  - Gesture
  - Biometric

- Solutions**
- 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 Single Level Cell	pSLC Pseudo SLC	MLC Multi Level Cell	TLC 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	\$ \$\$\$	\$ \$\$	\$ \$	\$



**FINGERPRINTS** **ALPS** **Cactus Technologies**