

/AMERICAS LINECARD BY TECHNOLOGY

ANALOG

ABLC
 Broadcom
 CEL
 Cirrus Logic
 Dialog
 Diodes, Inc.
 Elmos Semiconductor SE
 Infineon
 Integrated Silicon Solution (ISSI)
 Keysight Technologies
 Lumissil Microsystems
 Microchip
 Monolithic Power Systems (MPS)
 NXP
 onsemi
 Panasonic
 Power Integrations
 Qorvo
 Renesas
 ROHM
 Safran Sensing Technologies
 Sensitron Semiconductor
 SGMICRO
 STMicroelectronics
 Teledyne e2v
 Vishay
 WeEn Semiconductor

ASICS

IBM
 onsemi
 TAEC (Toshiba America Electronic Components)
 Triad Semiconductor

CHASSIS & ENCLOSURES

AIC
 ASI (Cooler Master)
 Chenbro
 Cooljag
 Jetway Computer
 Rittal

Schneider Electric
 Sliger Designs
 SySTIUM Technologies
 Tripp Lite by Eaton

COMMUNICATIONS

Broadcom
 Cirrus Logic
 Dialog
 Digi International
 II-VI (Finisar)
 Infineon
 Intel
 Lumissil
 Marvell
 Microchip
 MultiTech
 Nordic
 NXP
 Parade Technology
 Renesas
 STMicroelectronics

DISCRETES (MOSFETS, IGBTs, DIODES)

Ampleon
 Central Semiconductor
 Diodes, Inc.
 Infineon
 Keysight Technologies
 Micross Components
 Nexperia
 NXP
 onsemi
 Panasonic
 Power Integrations
 Qorvo
 Renesas
 ROHM
 Semtech
 STMicroelectronics
 TAEC (Toshiba America Electronic Components)
 Taiwan Semiconductor

Torex Semiconductor
 Vishay
 VPT Components
 WeEn Semiconductor

DISPLAYS

Advantech
 American Industrial Systems (AIS)
 Ampire
 AM-Touch
 AOPEN Solutions
 AU Optronics (AUO)
 Avnet Embedded
 AZ Displays
 Dawar Technologies
 Digital View
 Display Logic
 E Ink
 E3 Displays
 EIZO Technologies
 Elo Touch Solutions
 Endicott Research Group (ERG)
 FCL Components
 Future Designs
 GUNZE
 IEI Integration
 Innolux
 INSTORESCREEN (Lenovo)
 Japan Display, Inc. (JDI)
 KYOCERA AVX
 LG Display
 Litemax
 Microtips Technology
 MikroElektronika
 Mildex Optical
 Nanov Display
 Newhaven Displays
 One Stop Systems
 Paramit
 Peerless-AV
 Planar Systems
 Powertip Technology
 Quadrangle Products

Ronning Research
 RPM-Tronics
 Samsung Semiconductor (SSI)
 Sharp
 Shenzhen AV-Display Co.
 Spectrah
 TAEC (Toshiba America Electronic Components)
 TIANMA
 Touchstone Technology
 United Radiant Technology (URT)
 Zhejiang Xinli Optonics Technology
 Zytronic

ELECTROMECHANICAL

Alps Alpine
 Bel Power Solutions
 Boyd/Aavid
 CTS
 Eaton
 ebm-papst
 Esterline Power Systems (Leach Int'l.)
 Grayhill
 HALO Electronics
 Knitter-Switch
 Midé Technology
 MOONS' Industries America
 Nidec Components
 OMRON
 Panasonic
 Pulse/Yageo
 SCHURTER
 Song Chuan
 Sunon
 SynQor
 TAIYO YUDEN
 TE Connectivity
 Teledyne Defense Electronics
 Yageo

EMBEDDED BOARDS AND SYSTEMS

AAEON Technology
ADI Engineering
ADLINK Technology
Advantech
AIC
American Industrial Systems (AIS)
Ampire
Arduino
AOPEN Solutions
Apacer Technology
Apex Material Technology (AMT)
Applied Concepts
Arnouse Digital Devices Corporation (ADDC)
ASUS
ATP Electronics
AU Optronics Corp.
Avnet Embedded
Axiomtek
AZ Displays
Barco
BCM Advanced Research
Beacon EmbeddedWorks (Logic PD)
Bizlink
BOE
Boundary Devices
Cartel Industries
Chengdu Vantron Technology
congatec
Crystallfontz America
CSPi
Dawar Technologies
Delkin Devices
Dell Technologies
DFI-Itox
Digi International
Digital View
Display Logic
DLC Display
E Ink
E3 Displays
Edge I&D
EIZO Technologies
Elitegroup Computer Systems
Elo Touch Solutions
Endicott Research Group (ERG)
Eurotech
EVGA
Eyesaver International
FCL Components
Federal Molding
Flex Lighting Solutions
Future Designs
Gateworks
General Electrical Touch
GIGABYTE Global

GUNZE
Hand Held Products
Higgstec
HKC
HP, Inc.
IBASE Technology (USA) Inc.
IEI Integration
Innodisk
Innolux
INSTORESCREEN (Lenovo)
Intel
Inteltronic
JDI Taiwan Kaohsiung Branch (JDIT-K)
Jetway Computer
Kontron
KYOCERA AVX
LG Display
LOGIC Technologies
Microtips Technology
MikroElektronika
Mildex Optical
MiTAC
MSi (Micro-Star International)
MultiTech
Nanov Display
Newhaven Displays
NEX Computer
One Stop Systems
ONYX Healthcare
Paramit
PHYTEC
Planar Systems
Portwell
Powertip Technology
Quadrangle Products
Radisys
Ronning Research
RPM-Tronics
SAPPHIRE Technology
Seco
Sharp
Sharp NEC Display Solutions
Shenzhen AV-Display Co.
Sliger Designs
SMART Embedded Computing
Spectrah
Super Micro Computer
Swissbit AG
TAEC (Toshiba America Electronic Components)
TechNexion (Wandboard)
TIANMA
Touchstone Technology
TRIA
TYAN
United Radiant Technology (URT)
VECO (Vansonic)

VIA Technologies
Zhejiang Xinli Optronics Technology
Zytronic

INTERCONNECT

3M Interconnect Solutions
Alden, an Amphenol co.
Alps Alpine
Amphenol
Anytek, an Amphenol co.
Bel Power Solutions
Cables on Demand, an Amphenol co.
Conesys
CviLux
Eaton
FCL, an Amphenol co.
Glenair
Greenconn
Hirose
ITT Interconnect Solutions
KYOCERA AVX
LTW, an Amphenol co.
Molex
Murata
ODU USA
OMRON
Panduit
PCD, an Amphenol co.
Radiall
Samtec
Sine Systems, an Amphenol co.
Socapex, an Amphenol co.
Spectra-Strip, an Amphenol co.
SV Microwave, an Amphenol co.
TE Connectivity
Tri-Star/Carlisle
Vishay
Yageo

LOGIC

Abrakon/Fox
Diodes Inc.
Infineon
KYOCERA AVX
Microchip
Nexperia
NXP
onsemi
Pericom Semiconductor
Renesas
Seiko
SiTime
STMicroelectronics
TAEC (Toshiba America Electronic Components)

M2M CONNECTIVITY SOLUTIONS

Aeris
AT&T
ILS Technology, a Telit Company
KORE
MultiTech
Sprint
Ubiquitous Technology
Verizon

MEMORY

Alliance Memory
Dialog
Greenliant
GSI Technology
Infineon
Integrated Silicon Solution (ISSI)
Intel
KIOXIA
Macronix
Microchip
Micron
NXP
onsemi
Panasonic
Renesas
ROHM
Samsung
Seiko
Semtech
Sharp Microelectronics
STMicroelectronics
Toshiba
Western Digital

NETWORKING & PERIPHERALS

Aruba (HPE)
ATTO Technology
Broadcom
Chelsio Communications
Cradlepoint
CSPi
Dell Technologies
Digi International
Edgecore Networks
EV Group (EVG)
FCL Components
Hewlett Packard (HPE)
HP, Inc.
Intel
Marvell
Matrox
MultiTech
Quadrangle Products
SAPPHIRE Technology
XFX

OPTOELECTRONICS & LED

Aimtec
ams OSRAM
Artesyn (AEC)
Broadcom
CAO
Coherent
Cree LED
Cuvée (Luminus)
DeltaPSU
Dialog
Eaton
EVERLIGHT Electronics
Finisar, a Coherent co.
LEDiL
LITE-ON Technology
Luminus Devices
Lumissil Microsystems
McWong (now mwConnect)
MEAN WELL
MOONS' Industries America
mwConnect, a McWong co.
New Energy
onsemi
Panasonic
ROHM
Seoul Semiconductor
TAEC (Toshiba America Electronic Components)
Teledyne FLIR
Universal Lighting Technologies
Ushio America
Vishay
WeEn Semiconductors
XGIGA, an Amphenol co.

PASSIVES

Abrakon
AEM Electronics
Alps Alpine
Bel Power Solutions
Bourns
Boyd/Aavid
CTS
Eaton
KEMET
KYOCERA AVX
Laird
McWong (now mwConnect)
Molex
Murata
mwConnect, a McWong co.
NIC Components
OmniOn Power
Panasonic
Pulse/Yageo
Qorvo

Samsung Electro-Mechanics
SCHURTER
Stackpole Electronics
Sumida
Sunon
Surge Components
TAIYO YUDEN
TDK EPCOS
TE Connectivity
Vishay/Vishay Precision Group (VPG)
Yageo

POWER (BATTERY MANAGEMENT & SOLAR)

Advanced Energy
AnDAPT
Bel
Broadcom
Custom Power
Dialog
Diodes, Inc.
Eaton
Elmos Semiconductor SE
Excelsys, an Advanced Energy Co.
Infineon
KEMET
Microchip
Midé Technology
Monolithic Power Systems (MPS)
Nordic
NXP
onsemi
Power Integrations
Pulse/Yageo
Renesas
ROHM
Seiko
SL Power, an Advanced Energy Co.
STMicroelectronics
Sumida
TDK EPCOS
Toshiba
UltraVolt, an Advanced Energy Co.
Vicor
Vishay

POWER & THERMAL MANAGEMENT

3M
Advanced Thermal Solutions
Ampleon
ams OSRAM
Avago Technologies/Broadcom
Boyd/Aavid
CEL
Cirrus Logic
Cooler Master

Cooljag
CTS
Delta Electronics
Dialog
Diodes, Inc.
ebm-papst
Elmos Semiconductor SE
EPC Space
Ericsson
HALO Electronics
Infineon
Laird
Lumissil
Marvell
Microchip
Monolithic Power Systems (MPS)
MOONS' Industries America
Murata
New Energy
Nidec Components
NXP
onsemi
Panasonic
Power Integrations
Procell
Qorvo
Renesas
ROHM
Schneider Electric
Sensitron Semiconductor
Sharp
STMicroelectronics
Sunon
TAEC (Toshiba America Electronic Components)
Torex Semiconductor
Tripp Lite by Eaton
Vishay

POWER SUPPLIES

Advanced Energy
Aimtec
Aras Power Technologies
Artesyn, an Advanced Energy co.
Bel Power Solutions
CUI, a bel company
Delta Electronics
Excelsys, an Advanced Energy co.
MEAN WELL
MOONS' Industries America
Murata
OmniOn Power
SL Power, an Advanced Energy co.
SMART Modular Technologies
SynQor
TDK-Lambda Americas
Vicor

PROCESSING

AMD
Dialog
Digi International
Infineon
Intel
Lumissil
Marvell
Microchip
NXP
Octavo Systems
Renesas
Rochester Electronics
STMicroelectronics
Syntiant
TAEC (Toshiba America Electronic Components)
Teledyne e2v
VIA Technologies

PROGRAMMABLE

AMD
Dialog
Infineon
Microchip
Renesas
Triad Semiconductor

RF & WIRELESS

3M Interconnect Solutions
Amphenol
Ampleon
Broadcom
AzureWave Technologies
Bel Fuse
CEL
CTS
Dialog
Digi International
ED2 Corp.
Infineon
Inventek Systems
ITT Interconnect Solutions
Keysight Technologies
KYOCERA AVX
Laird
McWong (now mwConnect)
Microchip
MMB Networks
Murata
mwConnect, a McWong co.
OmniOn Power
NIC Components
Nordic
NXP
OMRON

onsemi
Otava
Panasonic
Pulse/Yageo
Qorvo
Qualcomm
Quectel
Radiall
Renesas
Samtec
Semtech
Sequans Communications
SIMCom Wireless Solutions
STMicroelectronics
TAE (Toshiba America Electronic Components)
TAIYO YUDEN
Taoglas
TDK EPCOS
TTM Technologies
u-blox
Vishay
WeEn Semiconductor
Wi2Wi
WNC (Wistron NeWeb Corp.)
Yageo

SENSORS & TRANSDUCERS

3M
Ablic
Advanced Sensors, an Amphenol co.
Advantech
All Sensors, an Amphenol co.
Alps Alpine
ACEINNA
Amphenol
Arduino
ams OSRAM
Bourns
Broadcom
CTS (Maglab, QTI, TEWA)
Diligent
Diodes, Inc.
Display Logic
DwyerOmega
Eaton
Elmos
ELO Touch Solutions
EVERLIGHT Electronics
Grayhill
HID/Crossmatch
Hirose
indie Semiconductor

Infineon
KEMET YAGEO
KYOCERA AVX
Laird
Leopard Imaging
LITE-ON Technology
Lumissil Microsystems
McWong (now mwConnect)
MEAN WELL
Microchip
MikroElektronika
Molex
Monolithic Power Systems (MPS)
MultiTech
Murata
mwConnect, a McWong co.
Nidec Components
NovaSensor, an Amphenol co.
NXP
OMRON
onsemi
Panasonic
Panduit
Piher Sensors & Controls, an Amphenol co.
PUI Audio (YAGEO)
Pulse Electronics
Rayprus
Renesas
Rochester Electronics
ROHM Kionix
Safran Sensing Technologies
Semtech
Sensorcon by Molex
SG Micro
SGX Sensortech, an Amphenol co.
Shurter
Silergy
Spectrah Dynamics
SSI Controls, an Amphenol co.
STMicroelectronics
Taiwan Semiconductor
TDK (InvenSense, EPCOS, Tronics)
TE Connectivity
Telaire, an Amphenol co.
Thermometrics, an Amphenol co.
Toshiba
Torex Semiconductors
Vishay
YAGEO

SERVER APPLIANCES

Advantech
Dell Technologies

Hewlett Packard (HPE)
HP, Inc.
IBM
Intel
Kontron
Lenovo
Quanta Cloud Technology (QCT)
Super Micro Computer
TYAN

SOFTWARE, SOFTWARE SERVICES & DEV TOOLS

Beacon EmbeddedWorks (Logic PD)
BeagleBoard.org
Black Box
Digi International
Diligent
Intel
itSoftware[CG1]
McAfee
Microsoft
MikroElektronika
ProGrAnalog
Schneider Electric
Ubiquitous Technology
VMware

DATA CENTER

AIC
Schneider Electric
Black Box
Chenbro
Cherry Americas
Cooljag
Dell Technologies
Edgecore Networks
Hewlett Packard (HPE)
HP, Inc.
IBM
Intel
Lenovo
Rittal
Sparkle Power
Super Micro Computer
SySTIUM Technologies
Tripp Lite by Eaton

STORAGE

Althon
ATP Electronics
ATTO Technology
Broadcom
CRU
Dataram

Delkin Devices
Dell Technologies
Greenliant
Hewlett Packard (HPE)
HP, Inc.
IBM
II-VI (Finisar)
Ingram Micro
Innodisk
Intel
Kingston Technology
KIOXIA
Legacy Electronics
Lenovo
Marvell
Micron
PNY
PROMISE Technology
Samsung
Seagate
SMART Modular Technologies
Solidigm Technologies
Swissbit AG
TAE (Toshiba America Electronic Components)
Toshiba (OCZ Technology)
Ventura Technology Group
Western Digital

TIMING SOLUTIONS

Abracon
Bliley Technologies
CTS
Diodes Inc.
ECS Inc.
KYOCERA AVX
Microchip
Murata
Panasonic
Renesas
Seiko
SiTime
Torex Semiconductor
Vishay

Design Chain Services

Avnet offers engineers a host of services from any point in the design cycle from concept to architectural design to new product introduction and on through next generation modification or end-of-life. Avnet has the technical products, services and tools to accelerate design cycles, including ASIC and programmable logic engineering services, IP cores and more. With offerings that run the gamut from webinars to connector assembly, Avnet offers it all:

Assembly and Value-add

- Custom cable assembly
- Testing services
- Programming services

Design Tools

- Development and evaluation kits
- Design Hub, incl. the AVAIL block diagram app

Engineering Services

- System level design experts
- Design services
- Trained field application engineers

Technical Education

- Seminars/webinars
- Virtual events

Avnet Embedded Compute and Display Solutions

Avnet provides the most comprehensive embedded compute and display solutions that meet the technical demands for innovation and quality, with a focus on total cost of ownership. The world's most diverse companies can leverage our platform technologies, design expertise and world-class supplier partners to manage their leading-edge solutions throughout the product lifecycle — from initial product design and prototyping to full scale manufacturing and beyond. For more information, visit [avnet.com/embedded](https://www.avnet.com/embedded).

Avnet Embedded Software Solutions

Innovation is the heartbeat of our customer's success, with operating systems and embedded software as the driving force behind it all. With Avnet's IoT expertise and embedded software development capabilities, we empower customers to seamlessly integrate intelligence into their products, enhancing their functionality, reliability and market competitiveness. For more information, visit [avnet.com/embedded](https://www.avnet.com/embedded).

Supply Chain Services

Avnet optimizes supply chains by providing end-to-end supply chain services. By combining internal competencies of global warehousing and logistics, finance, information technology and asset management with objective, external industrywide data, Avnet's supply chain services allow customers to increase their overall business knowledge, enabling more informed decisions:

Component Intelligence

- Bill of material (BOM) analysis and health risk assessment
- Inventory optimization services
- Green initiative programs

Supply Chain Assessment

- Discovery and logistical analysis
- Financial analysis
- Project implementation

Inventory Management Solution

- MRP/EDI Management
- Vendor-managed inventory
- Consignment, proximity and buffer inventory
- New product introduction (NPI) program support
- End-of-life management

Global Strategic Hub

- Supply Chain as a Service (SCaaS)
- Customer-owned inventory (COI) programs
- Diversity/set aside programs
- Point-of-use replenishment (POUR) programs

Avnet Integrated Solutions

Avnet Integrated offers comprehensive systems integration, business and services. Collaborating with the industry's premier platform suppliers, Avnet Integrated helps customers optimize capital, accelerate sales and deliver on their brand experience, ultimately accelerating revenue and margin growth.

To learn more, visit [avnet.com/integrated](https://www.avnet.com/integrated).

Avnet Velocity

Avnet Velocity supports our customers' growing need for supply chain strategies that balance reliability and responsiveness, efficiency and ingenuity. With our state-of-the-art, Mode 2 Supply Chain as a Service (SCaaS) portfolio, Velocity specializes in creating and implementing non-traditional, digitally-enabled supply chain solutions that deliver sustained value to customers and suppliers up and down the supply chain. For more information, visit [avnet.com/velocity](https://www.avnet.com/velocity).