

Advanced Technology Solutions
Americas Line Card



NU
HORIZONS
ELECTRONICS
An Arrow Company

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SEMICONDUCTORS / POWER SUPPLIERS







 AKM Semiconductor, Inc.	Digital Audio, Video, Sensor Products, Communications, Clock Devices, Power Devices	 Micron	DRAM, DRAM Modules, NAND Flash, NOR Flash, Solid State Drives, Phase Change Memory
 Allegro	Hall-Effect Sensor ICs, Power ICs, Power Management, Sanken Products (ICs, Discretes, Opticals)	 Murata Power Solutions	DC/DC Converters, AC/DC Power Supplies, Digital Panel Meters, Magnetics, Data Acquisition
 AD	Microcontrollers, Touch, Memory, Automotive, Wireless / RF	 N2Power A Qualstar Company	AC/DC Power Supplies, DC/DC Power Supplies
 CADEKA	Amplifiers, Comparators, Video Filters & Amplifiers, ADCs, DACs	 NORDIC	Bluetooth Low Energy ICs, Single Chip ANT ICs, 2.4 GHz RF ICs, Sub 1 GHz RF ICs
 CAL California Eastern Laboratories	RF Semiconductors, Fiber Optic Devices, Optocoupler & Solid State Relays, MeshConnect Wireless Modules & ICs	 nuvoton	Audio/Speech, Telecommunications, Microcontrollers, Bus Interface, Power Management, I/O
 CLARE An IXYS Company	Display Products, High Voltage Devices, Optocouplers, ICs, Power Products, Solar Power Products, Solid State Relays, Telecom Products	 OmniVision	Analog and CMOS Image Sensors
 CONEXANT	Audio, Imaging Solutions, Video Surveillance, Dial-Up/Embedded Modems	 PERICOM Enabling Serial Connectivity	PCI Express, USB, Signal Conditions, Timing, Switching, Connectivity, Power Management
 connectBlue	Bluetooth, 802.11 Wi-Fi Modules, ZigBee, Wireless Accessories	 ple	Clock Oscillators, TCXO, VCXO, OCXO, Crystals
 Digi	Wireless & Wired Embedded Solutions, Wireless Routers & Gateways, Cellular Modems & Peripherals, Remote Display Connectivity	 RENEASAS	MCU & MPU, ASSP, Display Modules, Discretes, Standard ICs, Memory
 EXAR PERFORMANCE ELECTRONICS	Communications, Networking, Storage, Interface, Power	 SAMSUNG LED	LED Modules/Arrays, LED Tube, Outdoor Lighting, BLU, Automotive, Middle Power LEDs, High Power LEDs, Flash LEDs
 Finisar	Optical Components, Optical Modules	 SEMICOA	Diodes, Bi-polar and MOSFET transistors for high-reliability applications
 GE Energy	AC-DC Power Supplies, DC-DC Converters, Power Modules, Power Solutions, Power Supplies	 SHARP	LCDs, Lighting, Memory, Optoelectronics, Power Devices
 gennum	Video Transport, Optical Modules, Signal Integrity	 Silicon Image	WirelessHD, HDMI, MHL, DVI, Storage, Video Processors
 ISSI Integrated Silicon Solution, Inc.	DRAM and SRAM Memory, Audio Drivers, Multi-function IO Drivers, LED Drivers, Temperature Sensors	 SiliconMotion	Mobile Storage, Multimedia SoCs, Mobile Communications
 IXYS	Power Devices, ICs & ASICs, RF Power & Systems, Pulsed Power Systems, Laser Diode Drivers, Solar Devices	 SMSC	Automotive, Wireless Audio, USB, Ethernet & Embedded Networking, PC System and I/O Controllers, Storage, Thermal Management, Capacitive Touch Sensors
 LAPIS	Communications, Microcontrollers, Audio/Speech, Security, Video, DRAM, Display Drivers, Sensors, Optical Components	 ST	Analog, MEMS, Power, Automotive, Entertainment, Connectivity, Microcontrollers, Memory
 Lattice	Programmable Clock Devices, Programmable Power Manager Devices, Programmable Logic	 Supertex inc.	LED Drivers, Electroluminescent Lamp Drivers, Medical Ultrasound, High voltage Interface/Driver ICs
 LHV power	High Voltage Power Supplies, Low Voltage Power Supplies	 SynQor	DC/DC Power Converters, EMI Filters, AC/DC Power Supplies
 LINEAR	Data Conversion, Signal Conditioning, Power Management, Interface, High Frequency & Optical, Timing	 VITESSE	Ethernet Transceiver, Switches, and MACs, Transport Processing Products, Signal Integrity, Physical Media and Physical Layer Devices
 Magnum	Video Encoders, Transcoders, Decoders, SoCs, Coprocessors	 winbond	Mobile RAM, Specialty DRAM, Graphics DRAM, Flash Memory
 MARVELL	Processors, Storage, Wireless, Switching, Digital Entertainment, Broadband, PC Connectivity, Transceivers, System Controllers, Powerline Communications	 MIDCOM WÜRTH ELEKTRONIK	Transformers, Custom Magnetics, EMC Ferrites, Inductors, RF Components
 MW MEAN WELL	AC/DC Power Supplies, DC/DC Power Supplies	 ZIPPIY	AC/DC Power Supplies, DC/DC Power Supplies
 MICREL	Analog, High Bandwidth, Ethernet, RF Solutions		

SEMICONDUCTORS / POWER Suppliers by Product Category

SUPPLIER NAMES	Audio / Video	Bus Interface	Converters	Datacom	Disk / Interface	Logic	Memory	Optoelectronics	Physical Layer	Power & Battery Management	Power Supplies	Processor	Sensor & Imaging Arrays	Signal Conditioning	System Monitoring	Telecom	Timing	Wireless
AKM Semiconductor	■		■				■						■				■	■
Allegro Microsystems										■			■					
Atmel		■			■	■	■			■		■	■			■		■
Cadeca	■		■											■				
California Eastern Laboratories (CEL)								■						■				■
Clare													■	■		■		
Conexant	■			■												■		
Connect Blue																		■
Digi												■						■
Exar		■	■	■	■					■					■	■	■	
Finisar				■				■								■		
GE Energy (formerly Lineage Power)										■	■							
Gennum	■	■		■				■						■		■	■	
Integrated Silicon Solution Inc. (ISSI)							■					■						
IXYS										■								■
Lapis Semiconductor (formerly OKI Semi)	■	■					■			■		■				■		■
Lattice Semiconductor	■	■			■	■			■	■		■					■	■
LHV Power											■							
Linear Technology		■	■							■				■	■		■	■
Magnum Semiconductor	■																	
Marvell	■	■		■	■				■	■		■				■		■
Mean Well											■							
Micrel		■		■					■	■				■	■		■	■
Micron					■		■											
Murata Power Solutions			■			■		■		■	■							
N2Power											■							
Nordic Semiconductor												■						■
Nuvoton	■	■	■									■	■		■	■		
OmniVision	■												■					
Optrex								■										
Pericom		■				■								■			■	
Pletronics (PLE)																	■	
Renesas		■		■		■	■			■		■				■		■
Samsung LED								■										
Semicoa										■								
Sharp Microelectronics of the Americas							■	■		■			■	■				■
Silicon Image	■				■													
Silicon Motion	■			■	■		■											
SMSC		■		■	■		■		■				■		■			
STMicroelectronics	■	■	■	■		■	■		■	■		■	■	■	■	■	■	■
Supertex										■				■				
SynQor										■	■							
Vitesse				■	■				■						■	■		
Winbond							■											
Würth Midcom									■	■				■				■
Zippy											■							

DISPLAY / EMBEDDED SUPPLIERS

	Embedded Single Board Computers, Panel Appliance & Automation Solutions, Industrial System Solutions
	Graphical OS Chips, Display Modules, Boards
	CCFL and EEFL Inverters, LED Display Products, Passive Display Enhancements
	Embedded Board & SoM, Applied Computer & Network Device, Touch Panel Computer
	PC/104, PC/104-Plus, PCI/104-Express, PCI, PCI Express, CompactPCI and ISA, digital I/O, Ethernet-to-Serial Devices
	Single-Board Computers and Operator Interfaces, Remote Display Connectivity
	LCD Controllers
	CSTN Modules, TFT Modules, Graphic Modules, Character Modules, Capacitive Touch
	CCFL Inverters, Smart Force™ DR, Smart Force™ CCFL, Smart Force™ LED, Smart Force™ EL, Smart Kits, DC Converters
	LCD Controller Solutions, Intelligent Panels, Digital Signage Monitors
	4 Wire and 5 Wire Analog Resistive, SAW (Surface Acoustic Wave) Touch Screens
	Custom LCD, Graphic LCD, Color LCD, Character LCD
	Embedded System, Single Board Computers
	Panels, Display Controllers, Inverters and Adapters
	High brightness LCD Modules, Inverters and Open Frame Industrial Monitors
	TFT LCDs, AMOLED, EPD, 3D Displays
	CCFL Backlight Controllers, CCFL Backlight Inverters (Single, Dual, Quad)
	TFT LCDs, TFT LCD with LED, Touch Screen Solutions, Color Graphic LCDs, Monochrome Graphic LCDs, Character LCDs
	OLED/PMOLED Displays, TFT/AMLCD Displays, STN/PMLCD Displays
	EPD (E-Paper Display)
	Active Display Cables, Passive Display Cables, EL Display Cables, Inverter Input Cables

	Enclosed Units, Display Modules, Controller Boards
	LCDs, Memory, Optoelectronics, Power Devices
	Passive Color LCD Modules, Active Color LCD Modules, Graphic Type Monochrome LCD Modules, Character Type Monochrome LCD Modules
	Capacitive Touch Screens, Resistive Sensors, Glass Filter Products
	Projected Capacitive Touch, Monitors, Displays, Embedded Solutions
	LCD Panel, Liquid Crystal Module, TN / STN Characters Type LCM, STN Graphic Type LCM, Color STN LCM, Touch Panel, TFT LCM, PM OLED LCM

SYSTEM-LEVEL PRODUCTS

	Wireless Sensor Network Protocol and Silicon Solution for Ultra-Low Power Networking Applications
	System on a Module, ARM9/11, Cortex, Marvell ARM, PowerPC, Renesas SH, MIPS
	GPS Modules
	802.11 Wi-Fi Modules
	Development Tools for Embedded Systems
	High-performance Video Extension and USB Extension Solutions
	Semiconductor Optical Solutions
	LED Light Engines, Drivers, Modules and Design Services
	LED Light Engines
	802.11 Wi-Fi Chipsets and Modules
	2.4GHz Wireless Products

PORTAL



Portal is a quarterly publication containing new products, technologies and development tools available from Nu Horizons leading suppliers. Portal is available both in print and on the web. Sign up online to receive your copy, be notified of upcoming issues or to request samples of the products found inside.

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LabCam delivers online training opportunities in a way that recognizes the value of engineers' time. As easily as YouTube® videos, engineers can quickly load and watch videos from industry leaders consisting of insights on products, evaluation kit overviews, end-user applications and more. Each tutorial is up to ten minutes in length and features technology experts, CEOs and/or peers introducing new solutions or explaining integral aspects of an important product, solution or application. This free value-added program is packaged for short, informative and high quality distance learning.

www.nuhorizons.com/labcam



Nu Horizons is proud to present our education and training program, which offers engineers the opportunity to participate in technical seminars conducted by experts focused on the latest technologies from our leading suppliers. This program provides higher velocity learning to help minimize start-up time to quickly begin your design process utilizing the latest development tools, software and products. Check online for the latest seminar schedule.

www.nuhorizons.com/seminars

Application Notes



In order to simplify the design process, Nu Horizons has created a series of application notes designed to guide engineers through the process of interfacing different devices together. Using a detailed step-by-step approach, these design guides identify key elements in the design process. Topics in the application notes are organized by design task and each topic is a stand-alone section, with a short introduction or overview, followed by the step-by-step design guidelines. All steps include a sufficient level of detail to provide the designer with relevant information to proceed quickly and easily from start to finish.

www.nuhorizons.com/appnotes

Development Tools



Nu Horizons offers a wide range of development / evaluation boards, tools and kits featuring the latest technology from the most trusted suppliers in the industry. Visit the development tool section of our website for a variety of solutions all aimed at providing a low-cost solution for designers to accelerate a product's time-to-market.

www.nuhorizons.com/devtools

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