



Ethernet	Serial-Ethernet Cable Network your serial product easily without a PC using this 28" cable. Provides an instant IP address. RS232 port compatible with most 10/100Mbps Ethernet hubs. eCOV-110-P \$89	Instant Ethernet 10/100 Ethernet controller on a chip! Fully hardwired TCP/IP core. No OS required. TCP offload improves system performance. PCB too! W5100 (integrated PHY) \$5.58 WIZ110SR \$30	Ether-IO Elxol - UDP/IP-controlled 24 X digital I/O board. 3 x 8-bit TTL ports each independently programmable. Connects to any TCP/IP Ethernet network. Ether-IO 24 \$119	Ethernet-Serial Gateway Compact 80188 controller for intelligent serial networking. TCP/IP features TCP, UDP, IP, ICMP, ARP, RARP. 256/512k SRAM/FLASH. Embedded Datalight RomDOS. EX9188E1 \$116	Serial Server RS232/422/485 device server for network-enabling legacy serial devices. 1/2/4/8/16/32 ports 10/100Mbps-230kbps. Static IP/DHCP/PPPoE. Portbase-3010/RS232 from \$171	Mini Web Server PicoServ™ Miniature Web Server allows remote I/O and servicing. Collect analog & digital data over a web connection. Remote sensing/control, SCADA, building control. PP1001-V00 \$206
	PLC on a Chip CUBLOC from \$99	I/O Controller PIC-I/O \$116	Touchpanel Controller CT1720 \$359	VMEbus Protoboard VDEVE-IO from \$486	USB to 24 x I/O USBIO24R \$69 USBIO24 DIP \$79	USBwiz USB20 Demoboard \$59
I/O Modules	Basic + Ladder Logic Programming Fast control, complex math, graphic LCD, datacomms 49 I/O ports, 8 x 10-bit A/D, up to 6 x 16-bit PWM. CUBLOC from \$99	JRKerr - General-purpose three 8-bit analog inputs. Two PWM outputs (5A each). Twelve programmable I/O lines. PIC-I/O \$116	CUTOUCH - 320x240 Blue Graphic LCD Touchpanel/Controller. CUBLOC Program in BASIC and/or LadderLogic. 82 I/Os and 2 RS232 MODBUS support. CT1720 \$359	Janz - Prototyping board for 6U VMEbus with 8 user LEDs. A great time saver when designing VME boards! VDEVE-IO from \$486	Elxol - 24 latched I/O lines self-powered from USB port. Ubicom SX52 allows individual pin I/O control via PC's USB port. USBIO24R \$69 USBIO24 DIP \$79	USBwiz - Easily add USB peripherals to your system. Includes FAT-file system for USB thumb & external USB hard drives. No USB knowledge needed. Plug-n-Play! IC \$20 Demoboard \$59
	USB to I2C USB I2C/IO \$79	Ethernet to I2C NM7010A-LF - Complete hardwired TCP/IP-I2C module. Offloads stack for hi-speed Internet-enabling microprocessor systems. Drop-in W3100A-based board for instant network speeds to 8Mbps. E1106 Kit \$156	Ethernet to I2C Fivenco - TCP/IP server with I2C, 19 x digital I/O, 5 x 10-bit A/D inputs, and UART serial interface. Connect I2C devices/sensors to an Ethernet network! FMod-TCP from \$250	I2C for PCs PCI93LV: PCI-bus I2C adapter for PCs - I2C master/slave/monitor. WINI2C/PCI optional software gives Windows-interface to I2C debug. PCI93LV \$499 WINI2C/PCI \$249	I2C for PCs Calibre - USB I2C interface for PCs - 400kHz master/slave/monitor. WINI2C/UCA optional software gives Windows-interface to develop and debug I2C bus systems. UCA93LV \$499	Website Visit our Website - NEW PRODUCTS ARE ARRIVING EVERY DAY! www.saelig.com See our latest Press Releases
I2C	Devasys - Provides a simple "drop-in" solution for connecting your PC to 90kHz I2C + 20 I/O lines. Use multiple boards for more I2C I/O. Includes drivers. USB I2C/IO \$79	NM7010A-LF - Complete hardwired TCP/IP-I2C module. Offloads stack for hi-speed Internet-enabling microprocessor systems. Drop-in W3100A-based board for instant network speeds to 8Mbps. E1106 Kit \$156	Fivenco - TCP/IP server with I2C, 19 x digital I/O, 5 x 10-bit A/D inputs, and UART serial interface. Connect I2C devices/sensors to an Ethernet network! FMod-TCP from \$250	PCI93LV : PCI-bus I2C adapter for PCs - I2C master/slave/monitor. WINI2C/PCI optional software gives Windows-interface to I2C debug. PCI93LV \$499 WINI2C/PCI \$249	Calibre - USB I2C interface for PCs - 400kHz master/slave/monitor. WINI2C/UCA optional software gives Windows-interface to develop and debug I2C bus systems. UCA93LV \$499	Website Visit our Website - NEW PRODUCTS ARE ARRIVING EVERY DAY! www.saelig.com See our latest Press Releases
	Quantum Capacitive Touch-Sensing ICs Eval Kits from \$18 QT220-ISSG (2-key) \$2.40 1K QT1080-ISSG (8-key) \$2.40 1K QT1120-ISSG (12-key) \$1.19 1K QT60168-ASG (16-key) \$3.71 1.25K	World's-best continuous sensing rotary and linear touch-control ICs have Wake-on-Prox detection QT1106 \$2.54 1K E1106 Kit \$156	10/100 Ethernet controller on a chip! Fully hardwired TCP/IP core. No OS required. TCP offload improves system performance. W5100 (integrated PHY) \$5.58 NM7010B+ (eval board) \$22	PIC-SERVO - complete PID servo motion control system based on PIC18F2331. PID servo filter, motion profiling, commutation, error monitoring, communications, etc PIC-Servo SC \$30	Chesen - Sophisticated application interface. Quickly develop USB OTG memory-memory devices with no PC needed. CSC3800 NEW! \$32 OXDK-3800 CALL \$14	Micro ALFAT-TF - easily add Micro SD storage to your product. Serial SD data in - FATfile data out. uALFAT-TF \$32 uALFAT IC \$14
ICs	Capacitive Touch-Sensing ICs Eval Kits from \$18 QT220-ISSG (2-key) \$2.40 1K QT1080-ISSG (8-key) \$2.40 1K QT1120-ISSG (12-key) \$1.19 1K QT60168-ASG (16-key) \$3.71 1.25K	World's-best continuous sensing rotary and linear touch-control ICs have Wake-on-Prox detection QT1106 \$2.54 1K E1106 Kit \$156	10/100 Ethernet controller on a chip! Fully hardwired TCP/IP core. No OS required. TCP offload improves system performance. W5100 (integrated PHY) \$5.58 NM7010B+ (eval board) \$22	PIC-SERVO - complete PID servo motion control system based on PIC18F2331. PID servo filter, motion profiling, commutation, error monitoring, communications, etc PIC-Servo SC \$30	Chesen - Sophisticated application interface. Quickly develop USB OTG memory-memory devices with no PC needed. CSC3800 NEW! \$32 OXDK-3800 CALL \$14	Micro ALFAT-TF - easily add Micro SD storage to your product. Serial SD data in - FATfile data out. uALFAT-TF \$32 uALFAT IC \$14
	Line Tester HA1600A from \$2899	RF Testing STE3000B - Economical benchtop RF test enclosure for troubleshooting, tuning, testing electronic devices in an RF-free environment. 8" x 17" W x 10 1/2" D inside. Built-in illumination. Customizable from \$1295	EMI Tents EMI shielding tents made from Cu/Ni/Ag fabric. -86dB 20MHz to 18GHz. Portable - up to room/lab size for on-site, on-demand precompliance testing. External PVC or aluminum frame. EMC3061A \$1895 DG3101ADG3121A \$2795/\$3995	Fast USB I/O Byte Paradigm - Fast USB2.0 multichannel input or output/ arbitrary digital waveform generator/ logic analyzer. 100MB/s burst; throughput to 48MB/s, 22 x I/O. GP-22050-BASE from \$1349	USB Bus Analyzers USB1.1/2.0/WiMedia analyzers and now - EX260 can test USB3.0 5Gbps too! Emulate host/device, verify compliance. TR110 / EX200 / EX260 \$999 / \$2999 / CALL	SPI Bus Analyzer SPI Bus Analyzer - SPI protocol exerciser and analyzer for standard SPI and non-standard 4-wire and 3-wire serial protocol interfaces up to 50 Mbps. PC control via free GUI 8PI Control Panel software. SPI Xpress \$699
Testing	DMM 6 1/2 digit 50KS/s, 2MS mem. Opt. 16-ch mux. Automeasure DC/AC, 2/4-wire R, C, Continuity, Diode, Frequency, Period, Ratio, Temp, Sensor, High/Low Limit Math. DM3061 \$795	60/100/120MHz ARB 60/100/120MHz USB 14-bit ARB w. USB RS-232, LAN/GPIB. 10 built-in wfms; 6 digit 200MHz frequency counter; opt. 16-ch gen. DG3061A \$1895 DG3101ADG3121A \$2795/\$3995	EMC Spectrum Analyzer EMC RF & EMF Spectrum - Analyzer 1Hz to 7GHz for measuring transmissions from radar, radio/tv towers, WLAN, WiFi, WiMAX, Bluetooth, microwave ovens, etc. EMC3061A \$1895 DG3101ADG3121A \$2795/\$3995	Logic Analyzer ZeroPlus - Intuitive full-featured 16-ch 4MB 200MHz sampling memory. Sophisticated triggering. I2C, SPI, and UART monitoring. Includes clipleads, USB cable and software. LAP-16128U \$299	Electronic DC Load For testing DC power/battery sources. Const. current, resistance, conductance, voltage and power modes 0 to 80V and 0 to 80A 300W Transient generator. Variable drop-out. LD300 \$1555	EMC Spectrum Analyzer Handheld Palm PC-based 2.7GHz Spectrum Analyzer. Multiple sweep settings - store wfms, set-ups, etc. Use WiFi PC for email, reports, calculations. PSA2701T \$1990
	20/40MHz AWG 25/40MHz USB 14-bit ARB w. USB RS-232, LAN/GPIB. 10 built-in wfms; FM, AM, PM, FSK, SWEEP and BURST; 6 digit 200MHz frequency counter. DG2021A / DG2041A \$995 / \$1495	100MHz DSO 100MHz 2-ch 400MS/s DSO 2000 wfms refresh rate. Ultra Compact Design with small footprint saves bench space. DS1102C FreeCase! \$999	100/200/300MHz DSO 100/200/300MHz 2 ch, 2GS/s DSO 2000 wfms refresh rate. Ultra Compact Design with small footprint saves bench space. DS1102A FreeCase! \$1295 DS1302A FreeCase! \$1995	Scope + Analyzer 100MHz 2-ch /16 logic scope and logic analyzer. 2000 wfms refresh rate. See waveforms and logic data simultaneously. Trigger on data or signal edge. DS1102CD FreeCase! \$1499	15/20MHz Wfm Gen 15/20MHz USB 14-bit Function/ Arbitrary wfm generators. 10 built-in wfms; FM, AM, PM, FSK, SWEEP and BURST; 6 digit 200MHz frequency counter. DG1011 / DG1021 \$650 / \$795	Announcing ...a new name in high-end, high reliability, value-priced test gear: RIGOL. (pronounced 'regal'). Formerly the partner of a large scope company we can't name, Rigol produces the best quality/value LCD scopes available on the market today.
Scopes & Wfm Gens	Color LCD Scope Owon - 25MHz 2-ch + trigger standalone USB bench scope with 7.8" color LCD. Battery powered optional. PDS5022S \$325 PDS6062T \$599	Low-Cost Scope 2-ch 40/100/200MS/s 8-bit scope range with 5/10/25MHz bandwidth and USB2.0 for fast screen updates. Scope/FFT /logging software, case, probes included. PS2203/4/5 from \$318	50MHz USB Scope PS3206 - Impressive 2-ch 200MS/s 8-bit PC scope adapter - 10GS/s for repetitive signals! No power supply needed, simple USB 2.0 connection PS3206 Bundle \$1574	2/4ch 12-bit USB Scope Pico - New 2/4-ch 12-bit 20MS/s USB2.0 powered scope adapters. Scope, FFT, and meter displayed at once with included software. PS3224 2-ch \$793 PS3424 4-ch \$1398	World's Fastest 250MHz 2-ch Scope with 128 MS/s and real-time sampling of 1GS/s. Adv triggering. 250MHz spec. analyzer and 125MS/s waveform gen. PS5203 32MS buffer \$2237 PS5204 128MS buffer \$3360	Bargain MSO 25MHz 100MS/s 2/16ch scope/ logic-analyzer 5ns-5s/div with complex triggering. See wfm + data lines. 7.8" TFT Color LCD. USB-connected. 4MS buffer. MSO5022 \$899
	6 in 1 Scope 6-in-1 USB scope adapter! 200kHz 2-ch 10-bit scope, 2-ch spectrum analyzer, 2-ch chart recorder, 16-ch 8MHz logic analyzer, 5-ch signal gen, 8-ch pattern gen. SPI/I2C/1-w/UART decoding. PoScope with probes \$199	Automotive Testing Automotive Diagnostics - Award-winning Pico kits turn your PC into a powerful vehicle-electrics diagnostic tool. 2 & 4 ch. versions for components & circuits. PS3423 automotive kit \$2293	Mixed-Signal PC Oscilloscope 100 MHz Scope and Logic Analyzer lets you do complex triggering to find hard-to-get-at glitches, spikes, etc. Huge 4 or 8 MS buffer for deep data drilling and zooming. Optional built-in swept signal generator. 2 Analog channels x 10, 12, 14 bit with more than 60 dB dynamic range. 8 digital inputs for mixed signal display/trigger. CS328A-4 (4MS Buffer) \$1149 CS328A-8 (8MS Buffer) \$1642 CS700A (signal generator) \$249	Handheld Scope 20MHz or 60MHz rugged handheld USB scope with 3.8" color LCD. Built-in meter - great for your tool kit. HDS1022M (20MHz) \$499 HDS2062M (60MHz) \$699	Pen Scope PS2105 - 25MHz USB powered scope-in-a-probe! Up to 100MS/s, 24kS buffer C/V/Delphi/LabView/VEE drivers. PS2105 (25MHz, 100MS/s) \$369 PS2104 (10MHz, 50MS/s) \$234	
Data Loggers & Analyzers	Thermocouple Logger Pico USB TC-08 - USB powered 8-ch thermocouple data logger. Samples at up to 10 readings/s with built-in CJC for -270°C to +1820°C. USB TC-08 \$466	Ultimate Temp Logger PT104 - 4-ch temperature logger with 0.01°C resolution, 0.01°C accuracy using platinum PT100 sensors. Also measure resistance and voltage. PT104 \$747	8/16ch Voltage Logger 20-bit 8-ch / 24-bit 16-ch USB voltage logger w. control output. Galvanic isolation from the PC eliminates noise. ADC-20 (20 bit) \$321 ADC-24 (24 bit) \$747	Voltage Data Logger Pico USB ADC-11 - USB powered 11-ch voltage data logger - 10kHz sampling rates with digital outputs for control or alarm. USB ADC-11/10 \$178	Power Monitoring WATTSUP-PRO - "plug-load" meter measures/displays/logs 19 parameters of energy consumption for any 110V product to 15A with alarms/alerts. USB interface for analysis/plotting. \$129	Customers Join our huge list of satisfied customers: Intel, Philips, Maxim, GM, GE, NEC, Kodak, Xerox, Nokia, TI, Harris, Sony, Pelagic, Sandisk, HP, General Dynamics, US Military, etc.
	Disturbance Logger ACR - PowerWatch 120V - monitor/record essential voltage disturbances from any power outlet. Set thresholds and plug it in. No wiring! 4000 events; optical alarm. PowerWatch from \$495	GPS Logger TrackStick II - Pocket-sized logger tracks position data for vehicles, personnel, etc. Records date, time, location, route and speed. Shows data on Google maps! \$175 Super TrackStick II \$239	Data Logger CP-Log - 2" x 3" battery-powered analog & digital logger records events, volts, current, pressures for weeks. Download to PC and review graphic results on Excel spreadsheets. VL100 \$362	USB Logger EL-USB-1 - Standalone USB temp data logger (-25°C to +80°C). \$49 EL-USB-2 (+ humidity) \$79 EL-USB-3 (voltage) \$69 EL-USB-4 (current loop) \$69 EL-USB-CO (Carbon Monoxide) \$89	USB Temp Logging DLP - Low cost, USB-powered digital sensor. Easily monitor temperature/humidity/dew point from USB port. DLP-TH1b \$88	Temp/Humidity Logger HumidiProbe - PC-based temperature and humidity measurements are quick and easy with RH-02 data logger. USB2.0 connected and powered. PP299 \$279
Testing	DMM 6 1/2 digit 50KS/s, 2MS mem. Opt. 16-ch mux. Automeasure DC/AC, 2/4-wire R, C, Continuity, Diode, Frequency, Period, Ratio, Temp, Sensor, High/Low Limit Math. DM3061 \$795	60/100/120MHz ARB 60/100/120MHz USB 14-bit ARB w. USB RS-232, LAN/GPIB. 10 built-in wfms; 6 digit 200MHz frequency counter; opt. 16-ch gen. DG3061A \$1895 DG3101ADG3121A \$2795/\$3995	EMC Spectrum Analyzer EMC RF & EMF Spectrum - Analyzer 1Hz to 7GHz for measuring transmissions from radar, radio/tv towers, WLAN, WiFi, WiMAX, Bluetooth, microwave ovens, etc. EMC3061A \$1895 DG3101ADG3121A \$2795/\$3995	Logic Analyzer ZeroPlus - Intuitive full-featured 16-ch 4MB 200MHz sampling memory. Sophisticated triggering. I2C, SPI, and UART monitoring. Includes clipleads, USB cable and software. LAP-16128U \$299	Electronic DC Load For testing DC power/battery sources. Const. current, resistance, conductance, voltage and power modes 0 to 80V and 0 to 80A 300W Transient generator. Variable drop-out. LD300 \$1555	EMC Spectrum Analyzer Handheld Palm PC-based 2.7GHz Spectrum Analyzer. Multiple sweep settings - store wfms, set-ups, etc. Use WiFi PC for email, reports, calculations. PSA2701T \$1990
	Multiparameter Loggers Mini-logger with built-in temp/humidity/pressure/3-axis accel sensors. Customize msmt/record parameters; send data to PC after or during logging. Synchronize multiple loggers, merge data to single record. MSR145S from \$468	Standalone Loggers TinyTag - These low cost standalone temperature and humidity loggers are available in a wide range (including IP54) with programmable alarms. TK-0014 from \$100	Wireless Data Loggers Log and display temperature, humidity, voltage, event-time or pulse-counting data up to 100 meters away from base station. RTR-50 modules from \$170 RTR-57U base \$401	SmartButton Logger ACR - Button-sized temp logger - low-cost, easy to use. Use multiples for site temp monitoring, food processing, pham, lab, transport. 2K readings -40 to 85°C. SmartButton from \$49	Standalone Data Logger DL400 - 8-channel standalone Count Input or Event Loggers - Store up to 7.5k or 15k readings. Connect to PC and display data. DL400C (count) \$394 DL400E (event recorder) \$660	Autorangeing Logger Vehicle Current Logger - IP65-housed 3-ch logger for 16-bit current/voltage/temp msmt. Uses precision shunt for autoranging mA to kA. CAN/RS232 i/f. 8.5 - 42V DC power supply. 1000 S/s KLARI-MOD MC \$1500

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3ALogics 4D Systems Aeronia AG ABACOM ACR Systems Active Robots Airwave Amplicon AnyDWG Software Autoplex BITlink Byte Paradigm Calibre UK CleverScope Comfile Technology Compulogic CP-Log Custom Idea Debug Innovations demmel Devasys DLP Design Dontronics Dualcore E.E.URD Design & Mfg EAD Limited Elxol Ellisys Embest Emxys Euroquartz EZFIR Fametech Inc Farco Electronics Fiberbyte FiveCo Foresight Systems FTDI Gemini Data Loggers



GHI Electronics Grifo Hevday Hunt Engineering IHR Automotive Janz JKRERR Kalestead Kedaja Telecom KK Systems Lascar Electronics LCR Capacitors Lorlin LPRS MSR Electronics Omega Research One RF Technology Owasy Owon Technology Pico Technology Quantum Research Ramsey Electronics Ransen Select Fabricators Silicann Technologies SystemBase T&D Corporation Telespial TenLab Thermomax TopsCCC TTI Wilke Wiznet Zerulus Technology

Motion	Stepper Control Easy-Step 3000 - Advanced stepper motor drive and control system for unipolar stepper motors up to 35V/3A - ideal for robots/industrial control - turns you into an instant motor control expert! from \$84	Stepper Motor High quality, quiet operation unipolar 4-coil motor. 3.2V 1A per phase, 1.8 degree step angle, 31 mm on-center mounting flange. Ideal for use with Easy-Step 3000. 103H546-0440 \$31	Ethernet Motor Control IPDCMOT - Ethernet PoE 32-bit motion controller for 10 - 48V DC brush motors. Powerful 4-quadrant 32-bit RISC PID to 4kHz; position/speed, start-stop profile. Auto-current prevents motor overheating \$344	Stepper Control JRKerr - Two-phase 4-wire RS485 COM. 2A / phase, 7.5 - 46 VDC up to 50k steps/second. Small footprint PIC-STEP \$160	Motion Control PIC-Servo - Motion control boards with integrated power amplifiers for DC-servo/brushless-servo/stepper-motors. Easy connection to standard serial ports for powerful multi-axis, mixed-motor control. from \$160	Motion Detector Video Motion Detectors - Automatically detect motion of objects within a video signal for security cameras, VCRs, video switchers, etc. VMD19 \$32 VMD19-M \$155
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CANbus	Vehicle Diagnostics Versatile self-powered diagnostic tool. Standard 14-pin OBD interface. RX/TX predefined CAN sequences. 6 programmable GO/NOGO LEDs. Rugged extruded aluminum case. CANstick \$825	CANbus Starter Janz - CANbus Development/ Starter Kits for PCMCIA, PC104, VME form-factors. Great way to begin working with CANbus with target CAN node. CAN-PC/STR from \$1500	PC/104 CAN Janz - PC/104 form-factor intelligent one or two channel CANbus controller - Philips SJA1000 CANdriver takes the CAN burden from your controller. CAN-104/1 from \$575	CAN-USB Janz - Intelligent CAN connection from PC's USB port. Provides plug'n'play opto-isolation. Other CANbus boards and systems available with free software. CAN-USB from \$299	CANbus Solutions Janz - Highest quality Industrial CAN interfaces. ISA or PCI systems. Support for Linux, QNX, VxWorks, Windows, PSOS+ and others. Opto-isolated and multi-port versions available. CAN-PCI/K2 from \$932	LIN Simulators IHR - LINbus SAE J2602 emulator/analyzer/simulator for developing/debugging LIN nodes and products. Optional Visulin PC software displays LIN bus data. Emulin \$6799
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Components	SM PCB Adapters OM-Adapt SM miniboards have two footprints on each side. Now use your ultra fine pitch SMD components with more useful 0.1" inline spaced holes. One-to-one pinouts. from \$9.52	Crystals Crystals - Wide range of economical oscillators and filters. Choose frequency-hopping oscillators to reduce system EMI; pass EMI testing without redesign! from <\$1.00	GO/NOGO Module Programmable GO/NOGO indicator module compares input voltage to a defined threshold window. Many variations! FPSI 1010 from \$15	Polystyrene Caps EXFA - Precision polystyrene Caps for ultra-low loss, excellent stability. 47 - 8200pF. Great for audio. No need to redesign existing products! Better than teflon or polypropylene. less than \$1	Lorlin Switches Lorlin - Fantastic array of stock and custom switching devices. Choose from rotary encoders, push, key, slide and rotary switches. Voltages up to 250V. CALL	Power Supply Compact benchtop design with large backlit LCD. 1.5V to 30V DC output, 0A to 1A output current, 100V to 240V AC input. Over-volt/current & short circuit protection. PSU-130 \$79
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Displays	Easy LCD microLCD - Easy way to add 2" sq 128 x 128 color LCD to your project. Add text/graphics/animations for any micro with serial or USB. uLCD-128-GMD1 \$65 uLCD-320-PMD2 \$155	LCD Meter 17-segment backlit panel-mounted LCD (0-1V & -1V-0-1V, other ranges possible with scaling resistors). 5 - 12Vdc supply, screw terminal connection, splashproof. SP 5-1710-BL \$43	Graphics LCD Kits iLCD Starter Kits - Custom-program graphic LCDs into your product. Animated graphics in minutes! Many variations and sizes - touch-panels, negative, blue, or white. iLCD from \$123	Easy OLED Display 4D Systems - Compact, economical smart OLED with graphics for 'stand-alone' functionality to your project, drive from USB or RS232. uOLED-96-G1 \$101 uOLED-128-GMD1 \$84	Quick Start LCD Comfile - Intelligent Display Engine Serial-driven 7" backlit TFT touch LCD. Quickly create full-color interface with buttons, menus, sliders, custom line graphics, etc. iTL710 from \$399	Design Ideas www.saelig.com/links.htm has 100s of circuit design ideas for you!
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Ind. PCs	CAN Gateway Janz - Full-featured standalone fanless industrial PC. AMD 133MHz 128MB CF, 4GB, Ethernet, 3 x CAN, 1 x RS232, USB, 16 x I/O Linux, QNX, VxWorks. emPC-x133 from \$1185	2U Rackmount PC Pentium-M 1.8GHz/1GB/80GB/DVD/RW with high processing capability, low power. Ideal for harsh areas, PCI/ISA, 100% burn-in, guaranteed long-term availability. RAID options. from \$1950	Industrial Panel PC Janz - Industrial-grade Panel PC with 15" TFT LCD display. Full-featured with Ethernet for rugged manufacturing environments, IP54/65. Apollo CALL	Industrial CAN PC emPC + CoDeSys - Stand-alone computer systems for automation with USB, Ethernet, RS232, CANopen from now featuring CoDeSys automation software. CB-MBX-01001 from \$901	Impact PC Impact-E50 - Rugged fanless Pentium-M 1.8GHz system. Ideal for space-critical, extreme environments (-10C to 45C), 2 x PCI slots. 12V and battery versions available. 97060756 from \$1497	Mini-ITX PC Mini-ITX - Compact benchtop, wall mount or 19inch rackmount PC for harsh environments. Longlife industrial design. 2 front USB. DVD/RW, etc. Extensive burn-in. 57070112 from \$1738
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Software	SIM Software IRAi - Electric, Electronic, Pneumatic, Hydraulic drawing editor and simulator. Element combine library. Supports plotting, export, BOM outputs. Autosim Premium \$128	FrontDesigner Software for designing professional-looking front panels - with a host of drawing functions. Print, mill or engrave, or export final at 600 dpi. FrontDesigner \$79	Engineering Software AudioWave: LF signal generator \$60 LochMaster: strip-board design \$80 RealView: realtime curveplotter \$80 ProfilLab: control/log DMM or I/O bd \$80	Circuit CAD Easy-to-use CAD package for quickly and neatly drawing electronic and electric circuit diagrams. Beginners can create a perfect-looking diagram quickly! SPLAN \$79	PCB Software This software gives you the easiest way to create one or two-sided PCB layouts. Export Gerber or HPGL file capability. Sprint-Layout \$90	FREE COFFEE Call 1-888-7SAELIG Mention Offer# SBW to get a free Starbucks Card with your order! While supplies last - not available with any other offers
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RS232 / 485	USB Cable FTDI - based serial port for laptops. Instantly adapts older RS232 products to USB! Included drivers provide virtual COM port via 45-inch USB cable. USB-COM-S \$20	RS232 to 422/485 K2 9p-9p self-pwr'd RS422/485 K3-232 9p-9p isolated RS232 K232-ISOL 25p -25p RS232 KD485-STD DINrail - isolated KD485-PROG Programmable! from \$220	Isolated Adapters KD485 - DINrail-mount industrial serial adapters/isolators - RS232/422/485 KD485-ADE - addressing capabilities. KD485-PROG can be programmed to modify ASCII data. from \$220	RS232 to Bluetooth RS232-to-Bluetooth pair Spread Spectrum PC-PC. Control your serial device by transmitting data up to 100 yards. WCS-232 from \$225	Industrial I/O Modules EX9000 Series - Enable remote I/O, TCP/IP, and internet embedded control with this versatile range of modules. Addressable RS485, A/D I/O, USB, and embedded control for factory automation systems. from \$46	Power Line Comm RS232 communication using existing AC power wiring. Up to 230kpbs, 56-bit DES Encryption; home plug spec. V1.0.1 Fully compatible with PC COM port. PLC-232 \$345
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Wireless	TinyOne Zigbee™ Complete RF solution for fast & reliable data transmission. Miniaturized OEM RF module ensures fast and easy integration into wireless applications. TinyOne Zigbee \$58 B915FH-tiny/40-SMD-WA \$63	Data Modem USB-powered radio transceiver boards add wireless RS232 to your device! Get wireless remote control for your product from PC USB port! RTM-USA \$89 WMB-USA \$175	Transceiver Modules LPRS easyRADIO™ makes wireless data transmission simple for the US and Europe! Add wireless capability to your project today! ER900TRS from \$38 (100)	Wireless Controllers 	Antennae Antennae - Innovative internal and external specialized miniature multiband antennas including Yagi for multiple uses - 900/1800/2400MHz/GPS. from \$4	Bluetooth Emxys microBlue - PIC16F877 based emb. dev. system for shortest Bluetooth development. \$139 PearlBlue - 100m-Bluetooth module (UART master/slave bridge). Connect micro's to PCs, PDAs, phones, etc. \$99
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Wireless	Ethernet Temp/Hum T&D - Networked logger for remote ambient measurement. Send email or phone warnings if thresholds exceeded. Optional WiFi for remote installation. TR-72W \$489	Wireless 232 Systembase - wireless device server converts RS232/422/485 to WEP/WPA-secure wireless LAN (802.11b) signal. Device-server or to PC. WiComm-2 \$293	Digital Locker Lock nDolphin - RFID digital lock for cupboards and lockers, opened with an RFID tag. Powered by 4 x AAs, nDolphin automatically locks, counts openings, and can be networked. nDolphin \$94	Radio Data Circuit Design - High quality UHF narrow-band modules transmitter and receiver modules. Small size & low power consumption. Analog & digital models. CDP-TX-02N from \$98	RF Modules RF TX/RX Modules - simultaneously transmit composite video and stereo audio signals. 2.4 GHz ISM band. 4-ch RF, 5V operation AWM630TX \$16 AWM634RX \$27	3ALogics RFID Reader Chip - Reads FIVE International Standards ISO14443 A/B, Tag-IT, Felica and ISO15693. Single-chip solution. TRH031M \$6.95 RSK-100 Eval Kit \$350
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USB-Serial	FTDI ICs Popular family of UART and FIFO chips. Upgrade Legacy designs to USB with one IC! FT232RL-BL-BM (unique ID) \$25 FT245RL-BL-BM \$25 FT24232M \$35 TR2232C-L-D (2 UART/FIFO) \$20	FTDI-based EVAL Ideal for rapid prototyping. Standard DIP sockets. DLP-USB232M-G \$25 DLP-USB245M-G \$25 DLP-2232M \$35 UM232R \$20	1/2/4/8/16 x RS232 Add multiple COMports via your PC's USB Port. USB-COM \$25 USB-2COM \$48 USB-4COM \$105 USB-8COM \$195 USB-16COM-RM (rackmount) \$459	Industrial USB-422 FTDI-based isolated USB to RS422/485 converter in metal housing for industrial/factory installation. USB-COMI-SI-M \$97 USB-4COMI-SI-M \$349	Tiny USB Serial World's smallest USB adapters. Ready-made CP2101 mini-board USB interface to 1 Mbps. microUSB \$25 HR-USBUART \$29	Isolated USB485 KK Systems - Isolated USB-RS422/RS485 converter. FTDI chipset. Virtual COM port for all Win32 applications. USB-DB9F. USB-485-K \$99
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Miscellaneous	Digital Video Conv. TenLab - Global Digital Video Converter with built-in TBC converts ALL TV systems. 12VDC or 110/220V operation. High-res 400 lines with automatic detection. TR-50 \$399	USB Barcode Scanner Fametech - Tethered Scanner acts as a keyboard wedge interface - simply position cursor and capture data! Also RS232 TTL, UST, etc interfaces. TS-2100-USB-B \$79 HOL-098 (holder) \$12	HDTV Image Enhancer Vantage-HD - Unique 1 Teraflop Realta HQV™ scaler sharpens/ noise-reduces standard images on HDTV systems. Spectacularly reduces inherent noise, etc. 20-05-VHD-01 \$2695	Controller Module EX9188AD-M - Control 4 RS232/RS485 devices. Watchdog support. 80188 CPU, 40MHz, 256Kb SRAM, 2Kb EEPROM, RomDOS, 3000V Isolated option, Advantech / ICP compatible. \$168	Security DLP - Programmable USB Security Dongle based on FT232RL - log user/expiry, etc. Optional sophisticated software allows customizability. DLP-D \$13	Pro Color Sensor Silicann - High-speed perceptible color sensor - recognizes color like human eye. 12-bit color processing by XYZ, xy, DIN99, LAB, LUV at 10kHz. color resolution DE(Lab) <1; ambient suppr. PCS-II \$1299
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Miscellaneous	FPGA Systems Hunt Eng - RTG005 - ready-to-go out-of-the-box FPGA/DSP designs for beginners and experts! Design DSPs up to 210MS/s easily! Impress your boss! RTG005 from \$3190	USB Isolator Provides complete optical isolation for USB1.1 links up to 130' over factory-fitted fiber cable. Ideal for medical apps or noisy environments. Rover 200-1 \$289	Cables A/B Cables - USB2.0 certified - choose from a variety of lengths. USB A/B Cable from \$3 USB A/B-mini from \$5 CAT5 from \$6	1/2GHz RF Generators High accuracy/stability, wide range, low phase noise/leakage, serial control. Keypad/rotary setting. TGR1040:10MHz-1GHz, FM int/ext. TGR2050:150kHz-2GHz, AM/FMPM \$2498/4558	DSP Filters EZFIR - Easy-use real-time DSP-based filter for audio bandwidth signals. Design complex filters in seconds without any DSP knowledge! Signal Wizard v2.5 \$699	Saelig Alan Lowne says: "I started Saelig as an engineer - for engineers! Saelig - an Olde English word meaning 'happy, prosperous, blessed' - which is what I want for my customers, my staff, and myself! See my blog for behind-the-scenes company details, business hints, kudos, etc."
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