

## ISRAEL TECHNOLOGY FAIR – 2012

Company	Short Profile	Web site
<b>Telecommunication</b>		
<b>Altair</b>	Altair Semiconductor is the world's leading developer of ultra-low power, small footprint and high performance 4G chips for LTE. The company's chipsets are the most mature solutions in the market, offering device manufacturers integrating LTE into their products with a power-optimized, robust and cost-effective solution.	<a href="http://www.altair-semi.com">www.altair-semi.com</a>
<b>Broadlight</b>	BroadLight supplies IC devices and solutions to equipment vendors for FTTH applications. Thier technology spans from optical access to home networking which enables us to deliver highly integrated, low-cost, end-to-end solutions from the central office to the customer premise.	<a href="http://www.broadlight.com">www.broadlight.com</a>
<b>Color Chip</b>	ColorChip designs and manufactures optical sub-systems and components that are based on Application Specific Photonic Integrated Circuits (ASPICs) that leverage the company's unique and robust PLC technology.	<a href="http://www.color-chip.com">www.color-chip.com</a>
<b>Compass EOS</b>	Compass Electro-Optical Systems has developed breakthrough technology that enables the Internet evolution into the future. Using this technology, Compass-EOS is bringing to market a radically different system architecture that results in an order-of-magnitude increase in price-performance. Compass technology and products deliver terabits of bandwidth at a fraction of the size and power required of conventional systems.	<a href="http://www.compass-eos.com">www.compass-eos.com</a>
<b>DesignART</b>	DesignArt Networks provides innovative solution for LTE, WiMAX or HSPA RAN equipment. The company offers powerful SoC platforms, pre-loaded with field-proven SW packs for high-performance, yet extremely compact base stations (BTS), radio heads (RRH), or mesh and backhaul solutions (PMP), with the lowest power consumption	<a href="http://www.designartnetworks.com">www.designartnetworks.com</a>
<b>Dorfour</b>	Dorfour develops a world class communications IP. The company has core expertise in the implementation of 4G wireless standards including LTE and WiMax and in developing complex signal processing IP targeted to various hardware platforms including FPGA, ASIC and DSP.	<a href="http://www.dorfour.com">www.dorfour.com</a>
<b>EZ Chip</b>	EZchip Semiconductor design Ethernet network processors which provides its customers with solutions that scale from 1-Gigabit to 200-Gigabits per second with a common architecture and software across all products.	<a href="http://www.ezchip.com">www.ezchip.com</a>
<b>LucidLogix</b>	Lucid's HydraLogix technology is a chip that allows the use of different multiple GPUs in one system. The solution allows motherboard and AiB manufacturers and consumers to combine GPUs in a way that meets the target performance, power and price demands.	<a href="http://www.lucidlogix.com">www.lucidlogix.com</a>
<b>Mellanox</b>	Mellanox Technologies is a leading supplier of end-to-end connectivity solutions for servers and storage that optimize data center performance. Mellanox products deliver market-leading bandwidth, performance, scalability, power conservation and cost-effectiveness while converging multiple legacy network technologies into one future-proof solution.	<a href="http://www.mellanox.com">www.mellanox.com</a>

<b>Asocs</b>	ASOCS develops and markets MultiComm processors that provide mobile users seamless connectivity over diverse wireless networks. The ASOCS MP100 MultiComms processor, featuring the ModemX™ core, represents a revolutionary approach to communications and runs multiple communication standards concurrently on a single chip.	<a href="http://www.asocstech.com">www.asocstech.com</a>
<b>Runcom</b>	Runcom develops, manufactures and markets superior technological standards and products that target the emerging beyond 3G market, enabling the delivery of enhanced communications services to cellular phones and other mobile and fixed devices.	<a href="http://www.runcom.com">www.runcom.com</a>
<b>Siano</b>	Siano develops silicon receivers for the Mobile Digital TV (MDTV) market. Highly integrated, and tailored specifically for mobile communications and consumer electronic devices.	<a href="http://www.siano-ms.com">www.siano-ms.com</a>
<b>Siklu</b>	Siklu delivers carrier-grade millimetric-wave Gigabit Ethernet radio solutions with paradigm-shifting price/performance ideally suited for the both mobile backhaul and carrier Ethernet business services.	<a href="http://www.siklu.com">www.siklu.com</a>
<b>Siverge</b>	Siverge is enabling to build low-cost, low power high-speed communication systems for the Wireless Backhaul and Carrier Networks.	<a href="http://www.siverge.com">www.siverge.com</a>
<b>Tehuti</b>	Tehuti Networks' optimized 10GbE Network Traffic Accelerators deliver unmatched combination of high performance at lower cost, lower power and smaller footprint, making it a perfect fit for power and cost sensitive 10GbE applications	<a href="http://www.tehutinetworks.net/">www.tehutinetworks.net/</a>
<b>Toga Networks</b>	Toga Networks design and architect next generation network devices for the Internet's global infrastructure.	<a href="http://www.toganetworks.com/">www.toganetworks.com/</a>
<b>Valens</b>	Valens provides products for the distribution of uncompressed high-definition (HD) multimedia content. The company's HDBaseT™ technology enables long-reach connectivity of devices over a single 100m/328ft standard CAT5e/6 LAN cable for fast digital media distribution.	<a href="http://www.valens-semi.com">www.valens-semi.com</a>
<b>Wavion</b>	Wavion's solutions enable service providers, communities and enterprises to deliver high quality service in urban and rural applications while reducing CAPEX and OPEX by more than 50%	<a href="http://www.wavionnetworks.com">www.wavionnetworks.com</a>
<b>Wilocity</b>	Wilocity is developing next-generation 60 GHz multi-gigabit wireless chipsets for both the mobile computing platform and peripheral markets that will enable mobile device manufacturers to deliver the thin and light platforms that consumers want without sacrificing the performance and functionality that consumers need.	<a href="http://www.wilocity.com">www.wilocity.com</a>
<b>Wintegra (PMC Sierra)</b>	Wintegra provides access processing semiconductors and software for Mobile Backhaul infrastructure products supporting 2G, 3G, and LTE cell sites. Wintegra was recently acquired by PMC-Sierra.	<a href="http://www.wintegra.com/">www.wintegra.com/</a>
<b>Orckit</b>	Orckit facilitates telecommunication providers' delivery of high capacity broadband residential, business and mobile services over wireline or wireless networks with its Orckit-Corrigent family of products. With 20 years of field experience with Tier-1 customers located around the world and sound leadership, Orckit has a firm foothold in the ever-developing world of telecommunication	<a href="http://www.orckit.com/">www.orckit.com/</a>

<b>Percello (Broadcom)</b>	Percello is a fabless semiconductor company offering highly integrated and low-cost digital baseband processors for WCDMA and LTE Femtocells. The company was recently acquired by Broadcom.	<a href="http://www.percello.com/">www.percello.com/</a>
<b>Provigent (Broadcom)</b>	Provigent is a leading provider of innovative Systems-on-a-Chip (SoC) solutions for the broadband wireless transmission industry, offering highly integrated, high performance, mixed signal semiconductors for microwave backhaul systems.	<a href="http://www.provigent.com/">www.provigent.com/</a>
<b>Xloom communication</b>	XLoom Communications is an industry pioneer for high density, chip-scale optics for LAN, SAN and Grid Computing. XLoom produces BlueFlame™, the industry's first chip-scale, high-speed optical interconnect solution for data center applications.	<a href="http://www.xloomcom.com/">www.xloomcom.com/</a>
<b>Yitran comm.</b>	Yitran Communications designs, develops and markets highly robust, low cost PLC integrated circuits. Yitran is a leading provider of cutting edge communication technology for command and control applications including Energy Management, Automatic/Remote Meter Reading, Home/Building Automation, Switching and Lighting, HVAC Control, Street Light control and more	<a href="http://www.yitran.com/">www.yitran.com/</a>
<b>Celeno</b>	Celeno Communications develop components and subsystems for high performance carrier-class Wi-Fi systems and networks. Celeno's breakthrough technology provide the boost in throughput, coverage, and QoS necessary to deliver multiple HDTV, SDTV, VoIP and Data "triple play" services over the home network.	<a href="http://www.celeno.com/">www.celeno.com/</a>
<b>Solar &amp; Green Technologies</b>		
<b>Solaredge</b>	SolarEdge provides groundbreaking distributed solar power harvesting and PV monitoring systems. Our solution maximizes power generation of residential and large-scale PV systems, for faster return on investment.	<a href="http://www.solaredge.com/">www.solaredge.com/</a>
<b>SolChip</b>	SolChip develops cost-effective, compact technology that integrates solar energy sources (Photovoltaic-PV), with low power electronic devices (VLSI). Sol Chip's technology eliminates the need for an expanded solar panel area and additional accessories.	<a href="http://www.sol-chip.com/">www.sol-chip.com/</a>
<b>Oree</b>	Oree is the pioneer of LED planar light sources, the LightCell. Oree's innovating technology opens a complete new category for LED illumination: planar LED Lighting. Oree's patented technology enables the conversion of LED "point sources" to a planar, thin and uniform illuminating surface	<a href="http://www.oree-inc.com/">www.oree-inc.com/</a>
<b>Consumer Electronics</b>		
<b>DSPG</b>	DSP Group (NASDAQ: DSPG) is a leading provider of wireless chipset solutions for converged communications at home. DSP Group enables consumer electronics (CE) manufacturers and service providers to cost-effectively develop innovative revenue-generating applications with fast time to market.	<a href="http://www.dspg.com/">www.dspg.com/</a>
<b>Advasense (Pixim)</b>	Advasense develops next-generation CMOS Image Sensors (CIS) bringing Digital Still Camera quality to mobile phones. Advasense is licensing its CIS technology to top tier companies, including Microsoft enabling high performing CIS products in the marketplace.	<a href="http://www.advasense.com/">www.advasense.com</a> /

<b>Zoran (CSR)</b>	Zoran delivers high quality chip based solutions for digital televisions, set top boxes, DVD and Blu-Ray players, digital cameras, and multifunction printer products.	<a href="http://www.zoran.com/">www.zoran.com/</a>
<b>Primesense</b>	PrimeSense's patented technological breakthroughs make it the leading provider of low-cost, high-performance 3D machine vision technologies for the consumer market. Primesense technology was adopted by Microsoft and other leading vendors as the major gesture technology for their gaming devices.	<a href="http://www.primesense.com/">www.primesense.com/</a>
<b>Amimon</b>	AMIMON offers huge advantages to home and business users with its unique video-modem solution that eliminates the hassle of running video cables to HD displays and projectors. WHDI™ technology enables wireless delivery of uncompressed HDTV throughout the home with video rates of up to 3Gbps (uncompressed 1080p!) in the 5Ghz unlicensed band, with the same quality as a wired connection and no latency	<a href="http://www.amimon.com/">www.amimon.com/</a>
<b>Wisair</b>	Wisair provides single-chip based Ultra Wideband (UWB) and Wireless USB solutions for personal computing, consumer electronics, and mobile devices.	<a href="http://www.wisair.com/">www.wisair.com/</a>
<b>NDS</b>	NDS Group Ltd is a private company owned by the Permira Funds and News Corporation. It creates innovative technologies that allow pay-TV operators to generate revenues by securely delivering digital content to TVs, set-top boxes (STBs), digital video recorders (DVRs), PCs, portable media players (PMPs), removable media, and other mobile devices	<a href="http://www.nds.com/">www.nds.com/</a>
<b>N Trig</b>	N-trig are the providers of the DuoSense® solution, a dual-mode interface, powered by a single digitizer, that uses pen and projected capacitive multi-touch to create onscreen digital input for mobile computers and other digital products, for a true Hands-on computing® experience.	<a href="http://www.n-trig.com/">www.n-trig.com/</a>
<b>Waves</b>	Waves is the world's leading developer and supplier of audio signal processing tools, while expanding to meet the demand for Waves processing in hardware-based products. Waves' current product line has increased to over 60 processors that have been embraced by the audio industry in music production, film, post, and broadcast.	<a href="http://www.waves.com/">www.waves.com/</a>
<b>Omek Interact</b>	Omek is transforming the way people interact with their devices. They provide the most advanced tools for incorporating gesture recognition and full body tracking into consumer products applications.	<a href="http://www.omekinteractive.com/">www.omekinteractive.com/</a>
<b>ZRRO</b>	Zrro is a world leader in the TV TeleTouch Device market. Their wireless device solves the problem of navigating Internet and interactive content on the big screen TV in the living room. They target connected-TV vendors and IPTV/Interactive TV service providers.	<a href="http://www.zrro.com/">www.zrro.com/</a>
<b>Memories &amp; Storage</b>		
<b>Anobit</b>	Anobit's MSP™ (Memory Signal Processing) technology significantly improves the reliability, performance, cost and time-to-market of flash memory products and systems. Specifically, the MSP technology enables SLC reliability and performance with MLC NAND, and MLC reliability and performance with TLC NAND, resulting in a significant reduction in cost-per-bit.	<a href="http://www.anobit.com/">www.anobit.com/</a>

<b>Densbits</b>	DensBits' Memory Modem™ technology enables the continuation of cost reduction in NAND Flash based storage systems. Similar to a communications modem, the Memory Modem™ dramatically improves Flash reliability, which in turn enables Flash vendors to continue their cost reduction with smaller process node geometries as well as higher number of bits per cell	<a href="http://www.densbits.com/">www.densbits.com/</a>
<b>Infinite memories</b>	Infinite Memory develops and delivers products for the portable content distribution market. The company's goal is to lead the move to silicon based media by providing a wide range of cost-efficient storage solutions with superior reliability.	<a href="http://www.infinitememory.com/">www.infinitememory.com/</a>
<b>Automotive industry</b>		
<b>Autotalks</b>	Autotalks developed a novel solution for vehicle-to-vehicle and vehicle-to-infrastructure communication. Vehicle-to-vehicle communication is promoted worldwide by governments, car makers, and automotive part suppliers for providing the utmost vehicle safety. Autotalks' unique technology provides the most reliable communication layer at the most demanding safety scenarios.	<a href="http://www.auto-talks.com/">www.auto-talks.com/</a>
<b>MobileEye</b>	Mobileye's collision alert technology goes one step further, giving drivers pedestrian and motorcycle detection capabilities, as well as our three patented core features: Forward Collision Warning, Lane Departure Warning, and Headway Monitoring and Warning	<a href="http://www.mobileye.com/">www.mobileye.com/</a>
<b>Other applications</b>		
<b>CEVA</b>	CEVA is a leading licensor of silicon intellectual property (SIP) solutions and DSP cores for mobile handset, consumer electronics and storage applications. CEVA's IP portfolio includes comprehensive solutions for multimedia, audio, voice over packet (VoP), Bluetooth and Serial ATA (SATA), and a wide range of programmable DSP cores and subsystems	<a href="http://www.ceva-dsp.com/">www.ceva-dsp.com/</a>
<b>Camero</b>	Camero's revolutionary Xaver™ real-time 3D 'Through-Wall Vision' products allows to observe multiple stationary and moving objects concealed by walls. The market leading Xaver™ systems enable the safe and rapid completion of life-saving operations in life-threatening environments	<a href="http://www.camero-tech.com/">www.camero-tech.com/</a>
<b>Discretix</b>	Discretix delivers complete embedded security solutions to the mobile, storage, automotive, networking, office automation and industrial markets. Discretix' suite of products includes security co-processors, security sub-systems, cryptographic cores and content protection applications. Discretix serves the needs of some of the world's best-known semiconductor and device manufacturers and has been consistently ranked among the leaders of the embedded security market.	<a href="http://www.discretix.com">www.discretix.com</a>
<b>Nova Trans</b>	Novatrans Group SA, developed and commercialized the Novatron generic technology that was invented at The Weizmann Institute of Science. Novatrans is an IP powerhouse for electronics, introducing Terahertz into microelectronics presenting an undeniable new roadmap to capture the unexplored Terahertz Gap of the electromagnetic spectrum.	<a href="http://www.novatg.com">www.novatg.com</a>

<b>Plurality</b>	Plurality develops advanced Intellectual Property, semiconductors and acceleration boards for massively-parallel processing. The company's flagship HyperCore™ manycore processor is positioned as a general-purpose accelerator for multicore/manycore SoCs	<a href="http://www.plurality.com">www.plurality.com</a>
<b>Ramon Chips</b>	The company focused on developing and marketing unique VLSI /ASIC solutions for space and avionics applications, based on its RadSafe™ (Radiation safe) methodology	<a href="https://nepp.nasa.gov/mafa/talks/MAFA07_36_Ginosar.pdf">https://nepp.nasa.gov/mafa/talks/MAFA07_36_Ginosar.pdf</a>
<b>Btendo</b>	bTendo is a developer of personal projection technologies and solutions. bTendo's cutting-edge solutions enable mobile users to share multimedia content from their personal devices anytime, anywhere. Bringing together Micro Electro Mechanical Systems (MEMS) expertise and groundbreaking laser-scanning display technology	<a href="http://www.btendo.com/">www.btendo.com/</a>
<b>Expert Dynamics</b>	Expert Dynamics develops the first automatic software solution for PCB reliability simulation, including HALT SIMULATION. Expert Dynamics software, XRobust, is designed to resolve a severe industry's bottle-neck problem. The XRobust technology adds high value to the industry by providing X 100 faster solution than any existing method, and pushing the reliability examination process upfront to the early stages of the design phase.	<a href="http://www.expertdynamics.com/">www.expertdynamics.com/</a>
<b>BQR</b>	BQR provides Reliability, Availability, Maintenance and Safety tools (RAMS), Integrated Logistic Support (ILS), consulting services and software tools. Over the years BQR has successfully completed thousands of projects for major customers around the world.	<a href="http://www.bqr.com/">www.bqr.com/</a>
<b>Vis-IC</b>	VisIC Technologies provides semiconductors for conversion application. The company product is a gallium nitride transistor that functions as a high voltage power switch.	phone: 03-608-3518
<b>CI Semi</b>	Noncontact Temperature Monitor (NTM), Electro-optical temperature monitor based on the measurement of optical characteristics of semiconductor wafers.	<a href="http://www.ci-semi.com/">www.ci-semi.com/</a>
<b>Jordan Valley</b>	X-Ray based semiconductor metrology for metal and dielectric thin films. Metrology tools designed specifically for high-volume FABs, and front-end as well as back-end applications	<a href="http://www.jvsemi.com/">www.jvsemi.com/</a>