electronicAsia 2013 - Interesting Products

Hi-res photos for download: <u>http://filesharing.tdc.org.hk/hktdc/download.php?fid=_phpBoN7FF</u>

	Product Photo	Exhibitor	Product Description
1		Hongfa	Latching Relay
1	<image/>		 Latching Relay Being IEC62055* and ANSI^ standard compliance, our latching relays are strongly capable of anti-fault current (max.12000A) and explosion proof. This category of relays are mainly used in meter reading & infrastructure, relay protection, compound switches, lighting control, industrial automation, and energy saving of home appliances. Traditional relay maintains a continuous flow of electric current to keep the circuit complete and the electrical device running. With a use of magnet in their design, Hongfa's latching relay is able to maintain the
			current at a low amp current which would in turn minimise the amount of electricity used. *International Electrotechnical Commission's standard for electricity metering ^ American National Standards Institute
2		HY Electronic	Fast Recovery Epitaxial Diode
		(Cayman) Limited (Taiwan) Booth no. 5F-C20	 (FRED) FRED is with ultrafast recovery time and low forward voltage. It is specially designed for uninterrupted power supply (UPS), inversion welder and power factor correction (PFC) circuitry applications.

	Product Photo	Exhibitor	Product Description
3	<section-header><section-header></section-header></section-header>	ISC Inc. (Japan) Booth no. 5G-A23	 High-Speed Image Processing This system can verify the interior structure of an object, whereby the camera can convert the graphic image captured to an electronic file. Unlike expensive apparatus such as conventional Roentgen rays, the installation cost for this system is relatively reduced. The camera can capture a 3D image of the entire object with the configuration to rotate object.
4		JL World Company Limited (Hong Kong) Booth No.: 5G-C20	 Piezo Speaker Sound Generator The most outstanding feature is the ultra-thin thickness with only 1.3-1.7mm while the traditional speakers are 4.0mm thick. It also contributes to a lighter weight on final products with only 1.6-2g. Piezo Speaker achieves zero electromagnetic interference and water-proof, which avoids the common annoyance to end-users. Applicable on telecommunication equipment, computers and peripherals, etc.
5		LPKF Laser & Electronics AG (Germany) Booth no.: 5F-D02	 LPKF ProtoMat S103 From an idea to a close-to-production board in only one day – with LPKF rapid PCB prototyping solutions. LPKF ProtoMats mill and drill circuit boards directly from the layout data – there is no need for etch chemistry and the sensitive design data stays in-house.

	Product Photo	Exhibitor	Product Description
6		Meco Technology	Sapphire Crystal used on Smart
		Limited	Devices
		(Hong Kong)	• Applications on mobile panels can
	042	Booth No.: 5G-B23	provide good optical effects and high
			abrasion resistance at the screens, it
			can reduce scatter and eliminate the
			protective films.
			• Meco is producing sapphire boule and
			ingot which is a basic material in LED
			production. Meco can tailor-made the
			mobile phone screen in different
			flatness, parallelism and surface
			roughness according to customers'
			requirement.
7	P.	Memory Protection	Low Profile CR2032 Coin Cell Holder
	-	Devices, Inc	While other holder solutions often rise
	5 5 5 1	(US)	8 to 10mm above the PCB, the new
	NIS .	Booth no.: 5F-E01	LP2032SM-JJ-GTR rises under 5mm
			with an installed CR2032 battery.
			This directly saves more than 3mm in
	000		height when compared to typical
	Start Co		battery holders available in the
	1 - + 1		market.CR2032 equips with superior
	CITING CALL		 CR2032 equips with superior dielectric strength (1,100 volts/mil)
			and boast excellent chemical and
			humidity resistance that can
			withstand multiple applications of
			most sterilization methods like
			autoclave, chemical, ETO, or
			radiation.
			 It resists shocks, vibrations and
			drops.
			 It is packaged on tape and reel for
			automated systems.

	Exhibitor	Product Description
	Nano and Advanced	Copper Indium Gallium Diselenide
	Materials Institute	(CIGS) Thin Film Solar Cell
AN A DAY	Limited	• Compared with traditional
	(Hong Kong)	Silicon-based solar panels, CIGS
	Booth No.: 5G-A26	absorption layer has wider solar
WHICH AN AN		absorption spectrum and thus is able
		to generate more electricity under
		different conditions of solar
		irradiation.
		• CIGS cell has shown conversion
		efficiency of over 20% in laboratory,
		which is the highest among all thin
		film photovoltaic cells. In addition, the
		stable grain structure of CIGS
		materials allows them to maintain
		stable electrical generation for years.
		Oki Reed Switch
	-	 The technologies – contact surface
50° 50° 500° 50		deactivation treatment,
	Booth no. 5G-A25	high-performance automatic sealing
		machines and contact resistance
		measurement based on the flux
		scanning (FS) system, have earned
		Oki the top market share in the world.
		 Oki broad product line allows the customer to select a product to suit
		the intended application and purpose
		for everything from low-voltage signal
		lines to high-voltage power lines.
		intes to high voltage power lines.
		Materials Institute Limited (Hong Kong)

	Product Photo	Exhibitor	Product Description
10		Orient Electronics Inc. (Korea) Booth no. 5F-D20	 JSF Series Power Supply JSF series power supply unit is designed with a robust structure. It is well-engineered to deliver reliable and stable performance. The over voltage and over current protection ensure ultimate reliability. The JSF Series are of low cost, inrush current limit, wide input voltage range (universal input voltage / user selectable input voltage) and PFC as standard (180W, 240W).
11		Prokit's Industries Co., Ltd (Taiwan) Booth No. 5F-E23	 Prokit's MT-8006B Data Diver MT-8006B Data Diver is an environmental friendly portable telecom test set. Data is under high protection with protection circuit and ringer and voltage LED indicator to prevent the accidental disruption of data services and with the high impedance for data safe operation without disrupting existing traffic and identifying the telephone line polarity. There is a built-in RJ-11 port for easy test leads change. 12 phone number memory for speed dialling, while each memory is up to 32 digits phone number memory for speed dialling and battery life saves up to 6 months. 16 digits LCD panel, backlight, angled bed of nails and durable belt clip for dark area, in/outdoor testing and operation hands free.

	Product Photo	Exhibitor	Product Description
12		Santek Hong Kong	Sunlight readable TFT-LCD
		Limited (Hong Kong) Booth No.: 5F-G20	 Santek manufactures sunlight readable TFT display with sizes ranging from 3.5" to 10.2". The brightness or luminance of these modules reaches 400, 800, 1400Cd/m2 among the top in the industry. These displays are particularly suitable for outdoor display applications, for example handheld devices, vending machines and POS. Santek can provide additional service to equip the TFT with touch function. Moreover, by using their special ornClar (optical transparent gel) to replace traditional gel between the touch panel and display, the visibility, luminance, shock & heat absorption ability is stronger than other similar products.
13	solar charger 1 3W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2	Shenzhen Topray Solar Co Ltd China (Mainland) Booth No.: 5E-G22	 TPS-218 Solar Portable Power Kit High portability with briefcase design, solar panel inclusive and no external grid connection needed Apart from basic re-charging lap-top and mobile phones, it is also supportive to electrical appliances for long hour operation with connection to an external battery. TPS-218 is designed with high adaptability with multiple connecting wires, such as alligator battery clamps and cigarette lighter plugs.

	Product Photo	Exhibitor	Product Description
14		Surface Mount	Green Manufacturing (electronics
		Technology Ltd	manufacturing services)
		(Hong Kong)	 Adopt environmental education
	a table	Booth No.: 5G-C06	program:
			Implement Corporate 6R culture
	· · · · · · · · · · · · · · · · · · ·		(Re-educate, Re-design, Reduce,
	A Contraction of the second se		Reuse, Reinvent and Recycle)
	1 Jacob Contraction		 Energy Conservation:
			Several ways to save energy in daily
	Same Provide Street Street		practice, such as machine and
			building insulation, lighting and power
	ALL LALLE		factor correction
			 Carbon Emission Program: Compiled with the Chinese mainland
			government to reduce carbon
			emission intensity
			 Regulatory Compliance:
			Restriction of Hazardous Substances
			(RoHS) compliant (vendor control,
			materials control, stock control,
			production process control, tooling
			control)
15		Tamaohm Co., Ltd.	High Power Ribbon Wire Wound
	Ammunum P	(Japan)	Fixed Resistor
		Booth No. 5F-G24	 Uniquely in the market, this resistor is
			RoHS compliant and small in size,
			with extremely superior heat release
	Anne -		functionality, making it optimum for
			high current circuits which require low
			resistance value.

	Product Photo	Exhibitor	Product Description
16		Thai Lin Radio Coil	Energy Related Products (ErP)
		Manufactory Limited	series – Encapsulated Transformer
		(Hong Kong)	 The Energy Related Products (ErP)
	E DECE DECE	Booth No.: 5G-C24	series has attained the approval of
			TÜV^/CE* EN61558 & EN60950 and
			has met energy standard required by
			the European Union.
			● With the design of the 230V +/-15%,
			comparing to the general +/-10%, it
			increases the durability especially for
			non-stable power sources.
			 The sophisticated design like inherent
			short-circuit proof, 4000Vrms
			dielectric strength, potted under
			vacuum and 0.5 or even lower watts of
			standby power consumption highly
			contributes to environmental
			friendliness.
			^ TÜV Rheinland (Technical Inspection
			Association)
			* Communauté Européenne (European
			Union): proves that the product in
			question conforms to EU health and
			safety standards
17		Top-up Industry Corp.	Top-Up LED Ring
	- Frent	(Taiwan)	• The new LED indicator circle and ring
		Booth no. 5F-C16	collection for THT type (Through Hole
			Terminal) is designed with window
			and non-window types. It features
			red, orange, yellow, green and blue
	A DY		LED lighting.