

## **IEE presents multifunctional touchpad**

Luxembourg, 7<sup>th</sup> October 2008 – at this year's Electronica, IEE presents an innovative touchpad solution for increased intuitivity and user-friendliness of consumer electronics such as MP3 players or mobile phones.

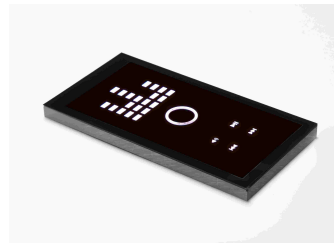
The touchpad offers multiple functionalities as it can be used as a keypad, a scroller and an electronic writing pad. Enhanced backlighting capabilities allow for an adjusted illumination of the touchpad depending on the selected function. For example: when used as a keypad, letters illuminate; when used as an MP3 player, scroller and relevant symbols for e.g. controlling sound and switching between tracks are back-lighted. The writing pad function allows the recognition of characters written with a finger or any type of stylus.

IEE's business unit LuSense developed the touchpad, which is based on TwinSenZ and ThruSenZ technology. TwinSenZ stands for the combination of pressure-based FSR (Force Sensing Resistor) and capacitive sensing, which allows for a more intuitive command of functions. Actions such as dragging can be activated by slight touch, whereas selecting or dropping is done by increasing the pressure on the sensor surface. The ThruSenZ technology adds the possibility of using translucent sensors placed on top of a display, creating the functionality of a touchscreen and allowing full backlighting capability.

### **Multifunctional touchpad prototype images:**



Keypad mode



MP3 or audio mode

IEE will be showcasing an interactive prototype of the multifunctional touchpad in hall A4 at stand W06.

### **About IEE**

IEE S.A. is a privately held innovative developer of specialized sensing systems. Founded in 1989 and headquartered in Luxembourg, the company has operations in Europe, the US and Asia. IEE is a global leader in automotive safety sensing systems for occupant detection and classification. The company's solutions are dedicated to the following markets: Transportation & Automotive, Consumer Electronics, Public & Commercial Infrastructure, Automation & Logistics and Medical & Healthcare. IEE employs 1,400 people worldwide. 26 % of the company's workforce is engaged in Research & Development.

For more information, please visit <http://www.iee.lu>.

## Press Contact

### IEE S.A.

Corporate Communications

Sara Nobels

ZAE Weiergewan

11, rue Edmond Reuter

L-5326 Contern

Luxembourg

Phone: +352 2454 2325

Fax: +352 2454 3325

E-mail: [sara.nobels@iee.lu](mailto:sara.nobels@iee.lu)

Internet: <http://www.iee.lu>