



PRESS RELEASE

10/23/2002

## **Anoto launches the Argus II system-on-chip ASIC**

Anoto introduces the second generation of its proprietary Argus Chip. The Argus II chip further extends the functionality and performance of its successful predecessor Argus, which has been sold in more than two million units. Products based on the Argus II will benefit from smaller size due to fewer external components, lower power consumption, and lower system cost.

The Argus II is designed for use in battery powered embedded systems. The high performance and the image processing and communication capabilities make Argus II the perfect core of any imaging system, like digital pens, digital cameras, and intelligent surveillance systems. Other suitable target products include MP3 players, Bluetooth products, and PDAs.

"The next generation of our unique chip is an import milestone for the whole company, as it will result in new possibilities, but above all in even smaller, less expensive and more power-saving image processing solutions," says Christer Fähræus, CEO, Anoto Group AB.

In short, the Argus II is an ARM9 based system-on-chip ASIC comprising high performance (200 MIPS) at very low power consumption, image processing capabilities, embedded Bluetooth baseband, USB, cryptography acceleration, real time clock and 160kB RAM.

The ARM9 CPU includes 4+4kB first level instruction and data caches, MMU, write and read buffers. Up to 128kB of the internal RAM may be used as a second level cache. Real-time JPEG compression, custom filtering, bayer color interpolation, gamma correction, are example of functionality provided by the image processing unit. The Bluetooth baseband block supports the Bluetooth 1.1 standard including voice connections, multipoint, and scatternet operation. A wide range of available Bluetooth radios is supported.

### **For more information, please contact:**

Charlotte Laveson  
Director PR  
Anoto AB  
+46 733 47 86 20

### **ANOTO GROUP AB**

is a Swedish hi-tech company with unique solutions for transmission of handwritten text from paper to digital media, scanning of printed text and intelligent camera surveillance. All products are based on digital camera technology and image processing in real time. The Anoto Group today has three brand names: Anoto® – a comprehensive solution entailing paper, pen and server technologies, allowing us to connect all types of writing paper with the digital world, C-Pen® – a scanning pen that can store, interpret and transfer printed text, and WeSpot™ – a hardware and software platform for intelligent camera surveillance. The Anoto Group has around 300 employees, offices in Lund (head office), Stockholm, Boston, Tokyo and Hong Kong. Major shareholders are Ericsson, Capital Group and the founder Christer Fähræus. The Anoto share is traded on the O-list, Attract 40 of Stockholmsbörsen (Stockholm Stock Exchange) under the ticker ANOT. For more information: [www.anotogroup.com](http://www.anotogroup.com)