

System Awarded Patent for Breakthrough Power Control and Power Management Architecture for use in Power Electronics and Building Control.

SYSTEL Development & Industries Ltd. clears approval of landmark patent relating to digital power control and system on a chip configuration.

Israel, – November, 2005 – Systel Development & Industries Ltd announced today the award of US patent No. 6,946,984 by the U.S. Patent and Trademark Office for its unique digital power control and management system-on-chip architecture.

This patent encompasses Systel's fundamental technology designed to allow electronic systems to achieve high performance with low cost solution. This technology based on configurable silicon allows designers to create new and smart systems not possible with the traditional technology and in a fraction of time of what simpler products could be achieved with the present analog and digital solutions.

The patent discloses a complete **system-on-chip** that includes digital building blocks which could be reconfigured and re-interconnected by the designer to create proprietary complex algorithms and control almost any type of power topology and create new and more cost effective products. This architecture is the core of the IDC2000 power management ICs controllers family, the flagship product of the Company which is aimed to the broad market of the lighting, computer, telecom, power supply, automotive, control building and motor drive niches.

The patent for the invention of ““System on Chip for Digital Control of Electronics Power Devices" is key to the Company's overall power control architecture and its mission to serve as an industry standard in power management ICs controllers for the entire power electronics industry. This innovation will become difficult for competitors to circumvent as companies attempt to provide cost-effective solutions to the power conversion marketplace.

The award of this Systel's patent further validates the Company's position as a market leader in solutions designed to enhance power electronics systems and networking, and strengthens Systel's extensive portfolio of intellectual property. The 37 claims in the new patent extends protection for the present Company's unique power control and management algorithms and applications already developed and ensure the protection of the future systems based on this fundamental architecture.

About Systel

Systel is the pioneer IC development company that brings unique digital control and management controller solutions for the entire power electronics industry and building control. Systel develops proprietary technology to unleash performances and implementation methods of the traditional digital solutions which enable them to respond to the market requirements. Systel ASIC development is located in Israel with worldwide business management coordinated out of California, USA.. For more information, please contact Systel at marketing@systempower.com.

Below is a link to the patent on their website.

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=/netahtml/search-bool.html&r=1&f=G&l=50&co1=AND&d=ptxt&s1=6,946,984&OS=6,946,984&RS=6,946,984>

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