Editorial Contacts:
Ken Morikawa, Vativ Technologies, 858-658-0050,
morikawa@vativ.com
Karen George, AccessM3, 562-283-2083,
karen@accessm3.com

For Immediate Release

Vativ Announces Industry's First and Most Advanced Three Input, Dual Output HDMI Receiver Chip for Next Generation Digital TVs

DSP-Based VTV2320 receiver architecture provides industry's highest performance with support up to 40 meters of cable length

SAN DIEGO, Calif., February 27, 2006 – Vativ Technologies, Inc., a world leader in DSP-based wired communications solutions, announced today the industry's highest performance High Definition Multimedia Interface (HDMI™) receiver chip for next generation digital TVs. Vativ's VTV2320 chip enables the connection of three independent HDMI inputs to a digital television. Furthermore, the VTV2320 allows any two of the three input sources to be selected for simultaneous or parallel HDMI and HDCP decoding and display.

By allowing three independent inputs the VTV2320 provides customers the ability to connect multiple HDMI sources such as high-definition set-top boxes, DVD players, and gaming consoles to a digital television. In addition, the VTV2320's dual output decoding feature enables manufacturers to offer highly desired HD-PIP (Picture-in-Picture) and HD-split screen features to the consumer. The VTV2320 is the industry's first and only HDMI receiver to provide these benefits.

"The VTV2320 HDMI receiver is a timely solution for the next generation of advanced digital televisions ," said Brian O'Rourke, senior analyst, In-Stat market research, "Vativ's multiple input /multiple output solutions and DSP technology should give it an edge on the competition."

The VTV2320 chip offers superior performance because it is designed with Vativ's innovative DSP technology. By using on-chip digital adaptive equalization, Vativ's receiver can recover signals error-free from HDMI transmit sources up to 40 meters away. Thus, the equalization performance of the VTV2320 exceeds the standard's requirement by 500%.

"We are very excited to present the industry's first three input, dual output HDMI receiver device for the next generation of advanced digital televisions," said Sreen Raghavan, President & CEO of Vativ Technologies. "HDMI has been rapidly adopted by the consumer electronics industry and this chip will enable our customers to support the greatest number of HD video input sources in a single IC while offering true HD-PIP and HD-split screen features to the consumer. Moreover, Vativ's advanced DSP technology provides a new level of receiver performance and robustness that is unmatched in the industry."

The device incorporates two HDCP decryption engines with on chip, factory programmed keys. The receiver also includes a digitally controlled phase locked loop (DPLL) that provides superior jitter tracking capability. It is fully compliant to the HDMI 1.2 standard; and it supports all resolutions including 1080p on both outputs. The chip consumes a maximum power of 2.0W when both outputs are operating at the highest pixel rate. In addition, it is available in a small 15 x 15 mm BGA package.

Price and Availability

The VTV2320 IC samples and evaluation modules are available now, with volume production slated for Q2 of 2006. More information on the VTV2320 is available from Vativ Technologies, Inc., 9339 Genesee Avenue, Suite 130, San Diego, Calif. 92121; phone 858-658-0050; fax 858-658-0580; e-mail info@vativ.com; or on the web at www.vativ.com/hdmi.html.

About Vativ Technologies

Vativ Technologies, Inc. is a fabless semiconductor company focused on providing innovative high-bandwidth, advanced digital signal processing solutions for digital television and datacom markets. The company's patent-pending advanced DSP based architecture enables higher data rate and lower system cost, while providing greater robustness and higher performance margins required for using low-cost media interconnects. Vativ is headquartered in San Diego, California, USA.

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