

## CAST and Boost Valley Partner for Better Verification of IP Cores

*Advanced VIP package for I2C Bus Controller Cores available today;  
work underway for additional standard protocols and functions*

**Woodcliff Lake, New Jersey, and Cairo, Egypt — September 10, 2015** — Reusable intellectual property (IP) has proven essential for electronic system design. Verifying the correctness of IP cores and their proper working in a system, however, remains a significant challenge. Now one of the oldest and most experienced IP providers—CAST, Inc.—has joined forces with one of the newest and most forward-thinking verification IP developers—Boost Valley, LLC—to work together on developing and delivering class-leading IP verification solutions.

In the new partnership, CAST will share IP products and expertise to help Boost Valley develop and improve their verification IP solutions, and will in turn market and sell Boost Valley's VIP alongside the corresponding IP cores available from CAST. The team has focused first on the Inter-IC (I2C) Bus standard, and verification IP for it is available now through CAST.

“Our custom verification services and our standard VIP products have already seen significant success, and we’re looking to expand the breadth and reach of our solutions,” said Randa Hashem, Business Development manager of Boost Valley. “We feel great alignment with CAST—clearly a leader in IP products and customer satisfaction—and are looking forward to working with them.”

Verification IP (VIP) reduces the time system developers need for testing functional correctness and standards compliance while also improving their results. VIP products combine functional models, coverage blocks, test cases, and more to simplify the set up and use of a complete verification environment for a specific function, protocol, or standard. Since functional verification of today's complex systems can take as much as 70% of overall development time, efficiency improvements here have a significant impact on reducing product time to market.

The Boost Valley VIP in particular helps make bus interface IP like the I2C extremely reusable because of an innovative modular approach the company developed in its research lab.

“Helping system developers conquer the huge challenge of IP verification is a next step in our 20-year drive to make IP reusability painless, cost-effective, and low-risk,” said Nikos Zervas, chief operating officer of CAST. “We’re excited to provide this I2C verification solution from Boost Valley today, and look forward to satisfying CAST customers with many more joint IP/VIP combinations in the future.”

## **About Boost Valley**

Boost Valley, LLC is a digital design and verification specialized firm focused on developing and delivering advanced verification solutions for both standard semiconductor IP blocks and customer-specific requirements. The company deploys a client-centric, total-solutions approach, embraces advanced verification technologies, strives to have an edge over existing Verification IPs, and works with a growing network of technology partners and satisfied customers. Learn more at [www.boostvalley.com](http://www.boostvalley.com).

## **About CAST, Inc.**

CAST is a twenty-year-old developer, integrator, and aggregator of IP cores for ASICs and FPGAs. The company offers some of the best available choices for other -power, high-value IP, including BA2x 32-bit Processors; 8051 microcontrollers; video, image, and data compression; security, interfaces and other functions needed for complete system on chip designs. Visit [www.cast-inc.com](http://www.cast-inc.com), or follow [@castcores](https://twitter.com/castcores) on Twitter.

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CAST, Inc., 50 Tice Blvd., Suite 340, Woodcliff Lake, NJ 07677 • tel: +1 201.391.8300  
Boost Valley, LLC, 4 Hassan Allam Street, Heliopolis, Cairo 11361, Egypt • tel: +20 2.24175809

Media Contacts: Nikos Zervas, CAST, Inc., +1 201.894.5511, [n.zervas@cast-inc.com](mailto:n.zervas@cast-inc.com)  
Randa Hashem, Boost Valley, LLC, +20 100.1515.922, [randahashem@boostvalley.com](mailto:randahashem@boostvalley.com)  
Paul Lindemann, Montage Marketing, +1 603.490.4985, [paul@montmark.com](mailto:paul@montmark.com), [@plindemann](https://twitter.com/plindemann)