

# Marvell's G.Hn Certified Silicon Powers AcBel's Home Networking Entertainment Products

## **Marvell's award-winning chipset enables the connected home over any wire**

SANTA CLARA, Calif., and TAIPEI, Taiwan, June 3, 2013 /PRNewswire/ -- Marvell (NASDAQ: MRVL) today announced that AcBel Polytech Inc. is launching its next-generation powerline communications solutions based on Marvell's award-winning and HomeGrid Forum-certified G.hn transceiver chipset. AcBel joins a rapidly expanding list of ODM and OEM partners leveraging Marvell's G.hn chipset. The accelerating global adoption of the extensible, ITU-T standards-based G.hn technology is highlighted by the adoption of market leading companies such as AcBel. G.hn enables fast and powerful connectivity, at data rates up to 1 Gbit/s over standard home wiring, including electrical wires, coaxial cables, twisted pair and optical fiber, for the delivery of multimedia content to Smart TVs and devices throughout today's connected home.

(Logo: [https://investor.marvell.com/image/Marvell\\_logo.jpg](https://investor.marvell.com/image/Marvell_logo.jpg))

AcBel is one of the world's leading developers of powerline communications solutions. Its latest products, including the DW-362F (PLC015-000G), are based on Marvell's GE-DW362F powerline reference design, which includes the Marvell® 88LX3142 G.hn digital baseband processor, the Marvell 88LX2718 G.hn analog front end, and the Marvell 88E1510 Gigabit PHY with a complete TCP/IP protocol stack. AcBel's powerline communications products help enable the connected home by supporting high-speed networking in any room where there is a power socket.

"We are focused on delivering an immersive, multimedia experience through any socket," said Tony Wan, vice president at AcBel. "By harnessing the power of Marvell's G.hn silicon in our designs, we can deliver high-bandwidth content over standard wires in the connected home so that our customers enjoy explosive entertainment experiences."

"Marvell is excited to collaborate with AcBel on its growing portfolio of powerline communications solutions that leverages the speed and flexibility of G.hn technology from Marvell," said Winston Chen, vice president of the Smart Home Business Unit at Marvell Semiconductor, Inc. "G.hn technology is the backbone of the connected home, enabling the delivery of advanced, robust services anywhere there is a wire while also empowering the hybrid network of wireless and wired solutions throughout the home. With Marvell's G.hn chipset at the core of AcBel's products, they can offer superior performance connectivity over any wire, distributing bandwidth-intensive content to more screens in more rooms throughout the Smart Home."

Since its debut in September 2011, Marvell's G.hn silicon has received several accolades and industry awards. In May 2013, Network Products Guide, the IT industry's leading technology research and advisory guide, selected the Marvell G.hn chipset as a Gold Winner in the networking category for its 2013 Hot Companies and Best Products Awards. Additionally, Marvell's G.hn chipset also won a Connected Home Award in April 2012 and a Best Electronic Design Award in December 2011. Marvell became the first silicon vendor worldwide to achieve the ITU-T G.hn compliant silicon certification from the HomeGrid Forum in November 2012, paving the way for mass deployments by OEMs of G.hn systems based on the Marvell chipset.

Marvell will showcase its G.hn-powered products at COMPUTEX at the Marvell suite, T101C, located on the first floor of the Taipei International Convention Center, June 4-8. Marvell will also participate in the HomeGrid Forum's eHome live demonstration of multi-room, high-quality G.hn backbone networking, showcased at the Taipei International Convention Center's 4F VIP room, on June 5.

### **About Marvell**

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. From mobile communications to storage, cloud infrastructure, digital entertainment and in-home content delivery, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of the world's most powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services adding value to their social, private and work lives, Marvell is committed to enhancing the human experience.

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