

National Chip Implementation Center Allied with NEC Corporation in High-Level Synthesis

Tokyo, 29 July, 2013 - NEC Corporation (“NEC”) and National Chip Implementation Center (“CIC”) announced partnership in High-Level Synthesis.

CyberWorkBench is a C-based design platform developed by NEC for over 2 decades. CyberWorkBench is developed around the “All-in-C” paradigm that allows high level synthesis and verification of any ANSI-C or SystemC program generating high quality RTL. This ground breaking technology is now available on CIC service items.

“There are more and more requests for high level synthesis education in Taiwan”, said Tzi-Dar Chiueh, Director at CIC. “NEC is the pioneer in the field of high level synthesis. We are happy to cooperate with NEC to service academic and educational institutes in Taiwan”.

CIC assists academic education and research EDA needs. CIC has served more than 700 professors in Taiwan. Professors can offer ESL Classes with CyberWorkBench tool environment now. Students can run CyberWorkBench in lab to exercise C-based LSI Design.

“CyberWorkBench is an innovative and mature technology”, said Kazutoshi Wakabayashi, Senior Expert, Embedded Integration Business Development at NEC. “It can generate designs ~15% smaller than hand coded RTL, create cycle-accurate simulation models ~100 times faster than RTL simulation, and reduce design cycle to one fourth.”

About National Chip Implementation Center (CIC)

CIC is a national research and service center for IC design. It focuses its efforts on providing an IC/System design environment, chip fabrication and measurement services. CIC also promotes technology for IC/System design and international collaborations. With a view to making Taiwan a leading player in the global semiconductor market, CIC continues focusing on developing human resources and advanced technologies. For more information, visit CIC at <http://www.cic.org.tw>

About NEC Corporation

NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. For more information, visit NEC at www.nec.com.