

# Bringing Handshake Technology to the Open Market

Ad Peeters  
*Handshake Solutions*

## Abstract

There are many incentives to tackle the chaos of asynchronous circuit technology. The holy grail of supreme speed is certainly one of them, but it remains a distant goal. However, today's market suffers from other problems for which asynchronous circuits may provide immediate answers - problems such as energy consumption and the integration of analog and digital circuits. Solutions in these domains may have direct impact on the market in areas such as automotive, wireless connectivity, identification and smart cards.

A Line of Business within the Philips Technology Incubator, Handshake Solutions brings Handshake Technology to the semiconductor market. Handshake Technology is an extremely disciplined asynchronous design style, supported by a complete tool set for design, simulation, prototyping and testing. It enables the industrialization of asynchronous design and has been used in dozens of different IC types with tens of millions of ICs already sold with Handshake Technology inside.