

TAKUMI TECHNOLOGY TEAMS WITH CHARTERED ON DFM OPTIMIZATION TECHNOLOGY

Layout optimization technology targeted for Chartered's 65nm technology process

SANTA CLARA, Calif. – September 18, 2007 – Takumi Technology Corporation, a leader in providing DFM system solutions for sub-wavelength process nodes, today announced it is collaborating with Chartered Semiconductor Manufacturing Ltd. (NASDAQ: CHRT and SGX-ST: Chartered), one of the world's top dedicated foundries. The companies are working together to validate Takumi's design-for-manufacturing (DFM) optimization software, Takumi Enhance, on Chartered's 65-nanometer (nm) process implementation of Common Platform technology.

Takumi Enhance is an automatic layout optimization software designed to improve performance and silicon yield. The software utilizes manufacturing data to analyze and detect hot spots. Patterns tested on wafers manufactured using 65nm process technology from Chartered showed opportunities for gate CD variation improvement and enhanced detection of lithography-related violations.

"Chartered is encouraged by our early, collaborative results with Takumi, and its potential direct benefit to customers from improved variation control to reduced violations, helping them to better meet their time-to-market windows," said Mr. Henry Law, vice president of the design services division at Chartered. "As Chartered and Takumi move toward customer engagements at 65nm, we are also proceeding with qualification at 45nm."

"We are pleased that Chartered has chosen to collaborate with Takumi on validating Takumi Enhance in order to address the issues associated with layout-related yield problems in advanced, sub-wavelength process technologies. Takumi's unique solution can detect layout problems due to multiple yield-loss mechanisms and automatically optimize the layout to improve performance and silicon yield," remarked Mr. Akifumi Goto, CEO and president of Takumi.

Takumi Enhance software is a released product and is available now.

About Takumi Technology Corporation

Takumi Technology Corporation is the leader in providing design-for-manufacturing (DFM) system solutions based on its unique criticality aware concept. Takumi's customers are major semiconductor manufacturers, capital equipment makers and photomask providers. Takumi's software products include *Takumi Enhance* - an automated layout optimization tool; *Takumi HSF* - a full-chip lithography-hotspot removing tool; and *Takumi Defect Analyzer* - an automated mask defect analysis/judgment tool. Takumi Technology B.V. (The Netherlands) and Takumi Technology KK (Japan) are wholly-owned subsidiaries of Takumi Technology Corporation.

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