Advanced analog IC foundry process technologies

Categories : News, Operation & Maintenance, Processing Technologies

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Now, Siemens Digital Industries Software announced that its new mPower solution for power integrity analysis of analog, digital and mixed-signal integrated circuit (IC) designs has now been certified for Tower Semiconductor's SBC13 and SBC18 process technologies.

This software is the industry's first IC power integrity verification solution that offers virtually unlimited scalability for analog, digital and mixed-signal ICs and provides comprehensive power, electromigration (EM) and voltage drop (IR) analysis for even the largest IC designs.

> "Siemens is proud that Tower Semiconductor, an industry leader in analog technologies, has now certified mPower for the SBC13 and SBC18 processes it offers. This solution, developed collaboratively by Tower Semiconductor and Siemens, contributes to more accurate and faster EM/IR analysis for joint customers. This, in turn, results in shorter time-to-market and higher quality end devices."
>
> - Joseph Davis, Senior Director

With this technology, IC designers can more quickly and thoroughly verify that their analog and mixed-signal designs meet performance-based design goals - capabilities that help IC customers dramatically improve quality, increase reliability and shorten time-to-market.