

“A Perspective on Future Logic Technologies Essential Constituents”

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CMOS technology continues to scale despite challenges whose solutions, including design and system considerations, increase complexity. Going forward, the exploratory landscape to power, performance, density, and complexity challenges remains rich in options. Timely and conclusive research on new transistors, interconnects, memories, and 3DIC structures and materials is key to long term sustainable system scaling. This talk will offer a perspective into the options landscape for those technology essential constituents.

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