

How STMicroelectronics leverages materials for developing sustainable technologies and Edge AI products

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Discover how STMicroelectronics is leading the way in developing sustainable technologies and edge AI products. Join us for this keynote as we explore the use of advanced materials to address smart mobility, power & energy, and cloud-connected autonomous things. Learn how we're reducing the environmental impact and moving towards carbon neutrality by 2027. We'll also discuss how ST uses responsible materials and processes, such as silicon carbide for automotive and industrial applications, and phase change material for sustainable and secure edge AI products.

References

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3. G. Desoli et al., "16.7 A 40-310TOPS/W SRAM-Based All-Digital Up to 4b In-Memory Computing Multi-Tiled NN Accelerator in FD-SOI 18nm for Deep-Learning Edge Applications," 2023 IEEE International Solid-State Circuits Conference (ISSCC), San Francisco, CA, USA, 2023, pp. 260-262

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