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Sommario/riassunto	Thanks to increasing power consumption and component density, localized hot spots are becoming a serious challenge in IC (integrated circuit) chip design so serious, in fact, that Intel recently had to yank a circuit because it was literally burning. For IC engineers grappling with high power dissipation and thermal issues, new droplet-based cooling techniques using digital microfluidics technology could provide the solution. This definitive guide paves the way, with design and implementation methodologies and prototypes for utilizing this

groundbreaking technology. After reviewing cooling.

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