There are times when your mouse must be able to see. A single chip may be the solution.
Cover

Artist Charles Bragg depicts one absurd instance in which a seeing-eye mouse is indispensable. (Charles Bragg, Salute, 1966, oil on wood panel, 8x10") A similar need exists in the "real world," and a custom-designed integrated circuit may meet it.

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32  Custom-Semicustom IC Business Report
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46  An Integrated VLSI Design System
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Prime Computer set out to implement a VLSI design system that would be independent of specific design procedures and semiconductor processes. This company's decisions regarding the trade-offs (for example, whether to make or to buy software) will be instructive for other high-technology firms.

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Bryan D. Ackland, Bell Laboratories
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Based on several years' experience in using color display terminals to design ICs at Bell Labs, the authors (taking issue with an earlier article in VLSI DESIGN) explain the rationale behind Bell Labs' MULGA design system.