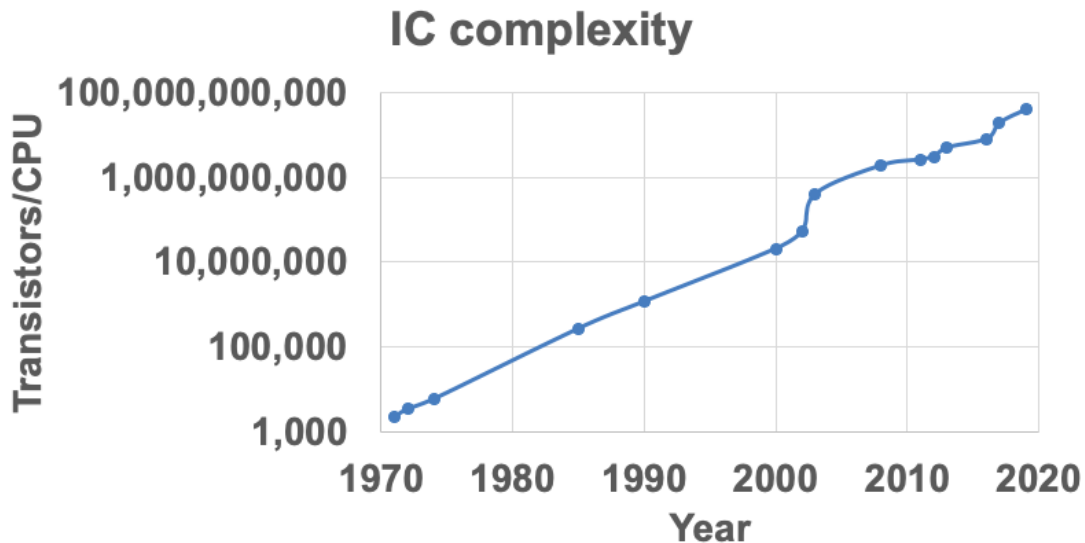


AI DEVELOPMENT TOOLS FEATURE

IC Design: Trajectories from the Past and into the Future

Interestingly enough, automation and AI are not new to IC design and rooted in the past. As we have seen, IC designers have always counted on automation to make processes less task-intensive, but now the systems are more intricate than they've ever been.

[Read more](#)



EMBEDDED SENSORS NEWS

ON Semiconductor Introduces CMOS Global Shutter Image Sensor for Machine Vision, Mixed Reality Applications

ON Semiconductor has introduced the AR0234CS 2.3 Mp CMOS image sensor with global shutter technology. The sensor is designed for a variety of applications including machine vision cameras, AR/VR/MR headsets, autonomous mobile robots (AMRs), and barcode readers.

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Rugged and SWaP optimized supercomputers for unmatched performance at the Edge



EDGE COMPUTING NEWS

MYIR Releases FZ5 EdgeBoard AI Box, AI Edge Computing System

The box is based on a Xilinx Zynq UltraScale+ ZU5EV MPSoC and features a 600MHz dual-core real-time ARM Cortex-R5 processor, a Mali400 embedded

GPU, a H.264/H.265 Video Codec Unit (VCU) and, FPGA fabric.

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How to Deploy Actionable Edge AI Apps with Intel OpenVINO, Twilio & Vizi-AI

Neural networks are maturing and first-gen AI processors are hitting the market. Now we have to deploy these things! Tune in to this episode of Embedded Toolbox as ADLINK Technology's Rob Boville shows us how it's done.

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MEMORY AND STORAGE NEWS

Alliance Memory Releases AS5F Series of SPI NAND Flash Memory Products

Alliance Memory announced the release of the AS5F series, a collection of SPI NAND flash memory 1.8V-3V products. The devices can store densities from 1Gb to 8Gb and feature clock frequencies up to 120MHz.

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COMPUTER VISION FEATURE

Smart OCR Solution Using Xilinx Ultrascale+ and Vitis AI

As the written form of human languages evolved, we developed thousands of unique font-families. When we add case (capitals/lower case/uni-case/small caps), skew (italic/roman), proportion (horizontal scale), weight, size-specific (display/text), swash, and serifization (serif/sans in super-families), the number grows in millions, and it makes text identification an exciting discipline for Machine Learning.

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on real-life
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