

Company Overview

Alchip Technologies is a leading fabless ASIC company that empowers customers with accelerated product successes.

Alchip employs a unique SoC design methodology to provide high-complexity chips at advanced processes with specialty packages such as flip chip and SiP. With each SoC design, we deliver first silicon success on schedule with fast production ramp-up.

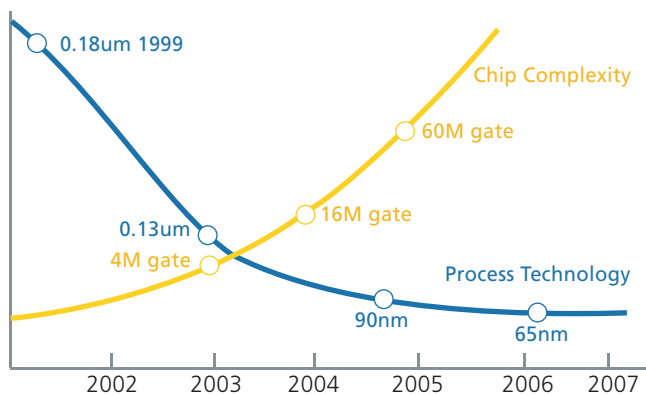
Quick Facts	
Company Name	Alchip Technologies
Industry	Fabless ASIC Design and Production
Products & Services	One-Pass Design Solution Fast-Path Turnkey Solution IP-Plus Solution
President & CEO	Kinying Kwan
Headquarters	Taipei, Taiwan
Branch Offices	Santa Clara, USA Shin-Yokohama, Japan Hsinchu, Taiwan Shanghai, China
Number of Employees	>200

Mission

Alchip leverages the most robust ASIC design capabilities to accelerate customers' product release in increasingly competitive marketplace.

- Predictable tape out schedule
- First silicon success
- High yield & reliability for fast production ramp-up

Track Record



Alchip 2004-2007

- 2004 **November** Certified member of TSMC DCA (Design Center Alliance) Program
- 2004 **December** 90nm first-pass silicon success
- 2005 **April** Design win on 60M-gate processor for world's fastest supercomputer
- 2005 **August** Shipped 1M SoCs
- 2006 **June** Completed 65nm embedded ARM 1176 core development
- 2006 **September** Design win on 65nm digital video SoC for top-tier consumer products company
- 2006 **December** Shipped 2M SoCs
- 2007 **February** 65nm first-pass silicon success
- 2007 **June** Shipped over 8M SoCs

Technology

1. One-Pass Design Solution

The expertise of Alchip design teams lies in handling complex SoC designs targeting advanced process technologies. We achieved first silicon success at 90nm in 2004 and subsequently implemented a design over 60M gates running at 500MHz whole chip.

Our correct by construction methodology and in-depth understanding of design fundamentals allows us not only to approach the most complex nanometer designs and ensure consistent first SoC silicon success but also to address low power and high performance needs while optimizing area and yield. Our design team can fill in the gaps of current EDA tools and also customize analog circuits to suit customer needs.

2. Fast-Path Turnkey Solution

Alchip's Fast-Path Turnkey Solution is the shortest path to working silicon and mass production.

With earlier in-system testing, shorter ramp-up time to production, and earlier diagnostics, Alchip's back-end team ensures that customers reach market earlier with high quality products. The close relationships with selected world class foundry, packaging and testing partners allow us to effectively deliver the highest quality solutions.

3. IP-Plus Solution

Alchip's IP-Plus solution takes our customers' selected IPs through rigorous IP qualification flows. We then perform seamless IP integration to ensure first-pass silicon success.

Investors

Softbank Asia Infrastructure Fund(SAIF), Investar Capital, Acer Technology Ventures, C Squared Venture Capital and Cisco Systems, Inc..

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