SiFive

Welcome To The RISC-V Revolution!

Daejeon, Korea
June 17th , 2019

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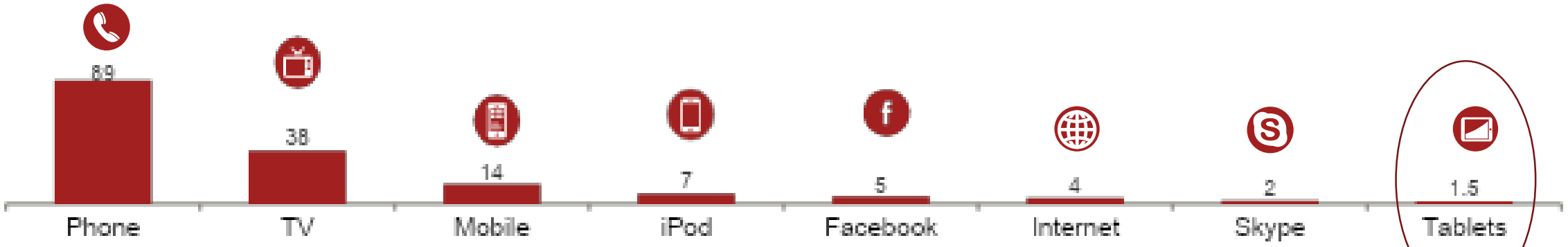
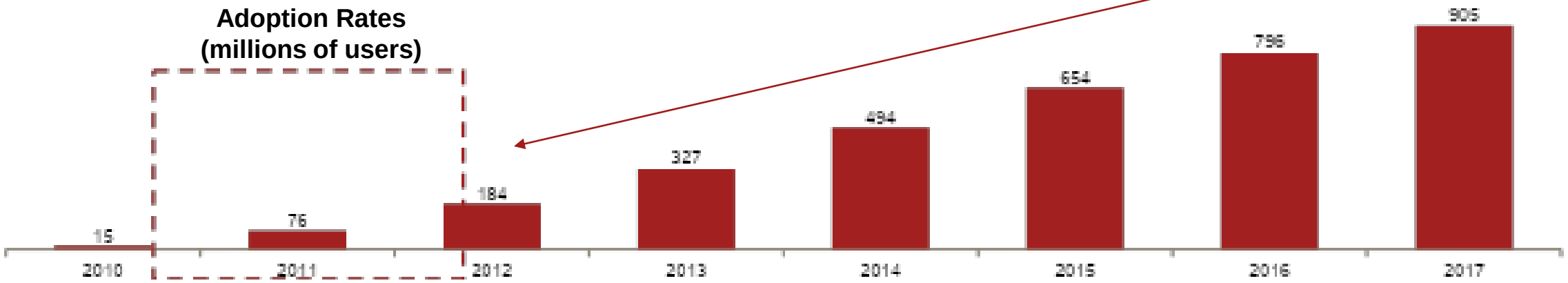
New Multi-Billion-Dollar Markets are Being Created in Quarters, Not Decades

Number of Years to reach 150 million total users

Fast Time to Market is a Competitive Advantage for Modern SOC Companies



Tablet/eReader Adoption Rates (millions of users)

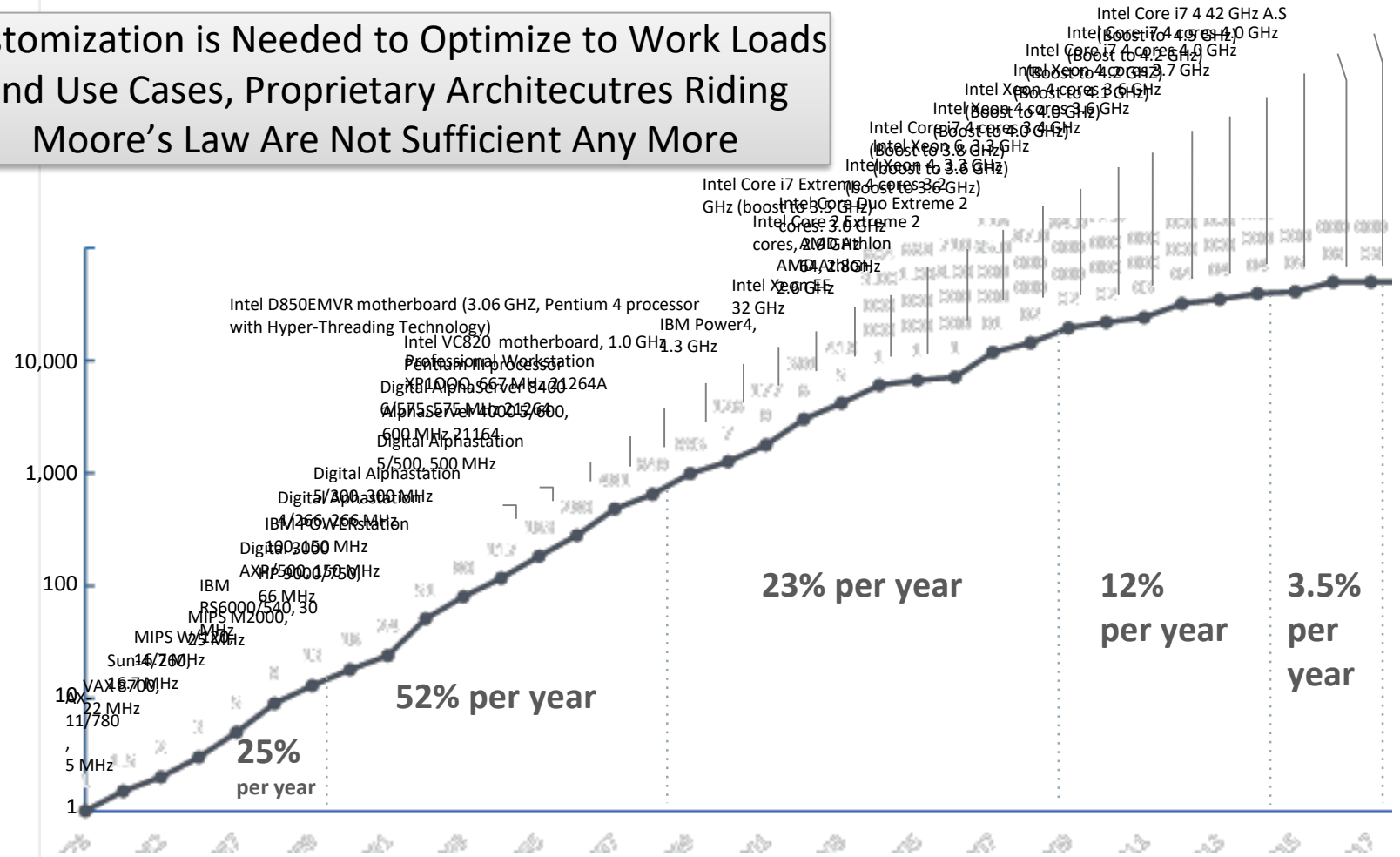


The Benefits of Moore's Law are Slowing; Moore's Law is Financially Failing

Moore's Law Has Stalled

General-purpose CPU performance (vs. VAX-11/780)

Customization is Needed to Optimize to Work Loads and Use Cases, Proprietary Architecutres Riding Moore's Law Are Not Sufficient Any More



Source: Hennessy, Patterson, Computer Architecture 6e

Time for a Paradigm Shift

Customization is the only way to get performance

One-Chip-Fits-All **no longer applies**

Innovation is desperately needed to meet the needs of new applications running on billions of devices

Time	Agenda
09:30 - 09:40	Welcome and Introduction, by Brandon Cho, SiFive
09:40 - 10:10	RISC-V History and State of the Union, by Yunsup Lee, Co-Founder and CTO, SiFive
10:10 - 10:30	**Keynote:** Leading Semiconductor Design Revolution, by Keith Witek, SVP Corporate Development and Strategy, SiFive
10:30 - 10:50	SW Requirements for Flexible Memory Alignments, Samsung
10:50 - 11:00	Break
11:00 - 11:20	Furiosa NPU: High Performance AI Inference Chip for Datacenter and Enterprise, FuriosaAI
11:20 - 11:40	Freedom HiFive RISC-V Development Platforms, by David Lee, Product Manager, SiFive
11:40 - 12:00	Heterogeneous Analytics and Debug of RISC-V and ARM Based SoC, UltraSOC
12:00 - 13:00	Lunch and Demos
13:00 - 13:20	RISC-V Core IP for Target Vertical Markets, by Yunsup Lee, Co-Founder and CTO, SiFive
13:20 - 13:40	DesignShare: Reducing Prototype IP Costs to Zero, OpenEdges
13:40 - 14:00	RISC-V Core Software Ecosystem, by Yunsup Lee, Co-Founder and CTO, SiFive
14:00 - 14:20	Professional Development Tools for RISC-V, IAR Systems
14:20 - 14:30	Break
14:30 - 15:00	University Programs, by Jeff Mulhausen, Chief Evangelist, SiFive
15:00 - 15:20	University Platform and Hackathon Program, by David Lee, Product Manager, SiFive
15:20 - 15:30	Break
15:30 - 16:00	**Tutorial:** SiFive Core Designer, David Lee, Product Manager, SiFive
16:00 - 16:10	Video: Design Your Own CPU!
16:10 - 16:20	Closing Remarks, by Brandon Cho, CEO, SiFive Korea
16:20 - 17:00	Networking and Demos

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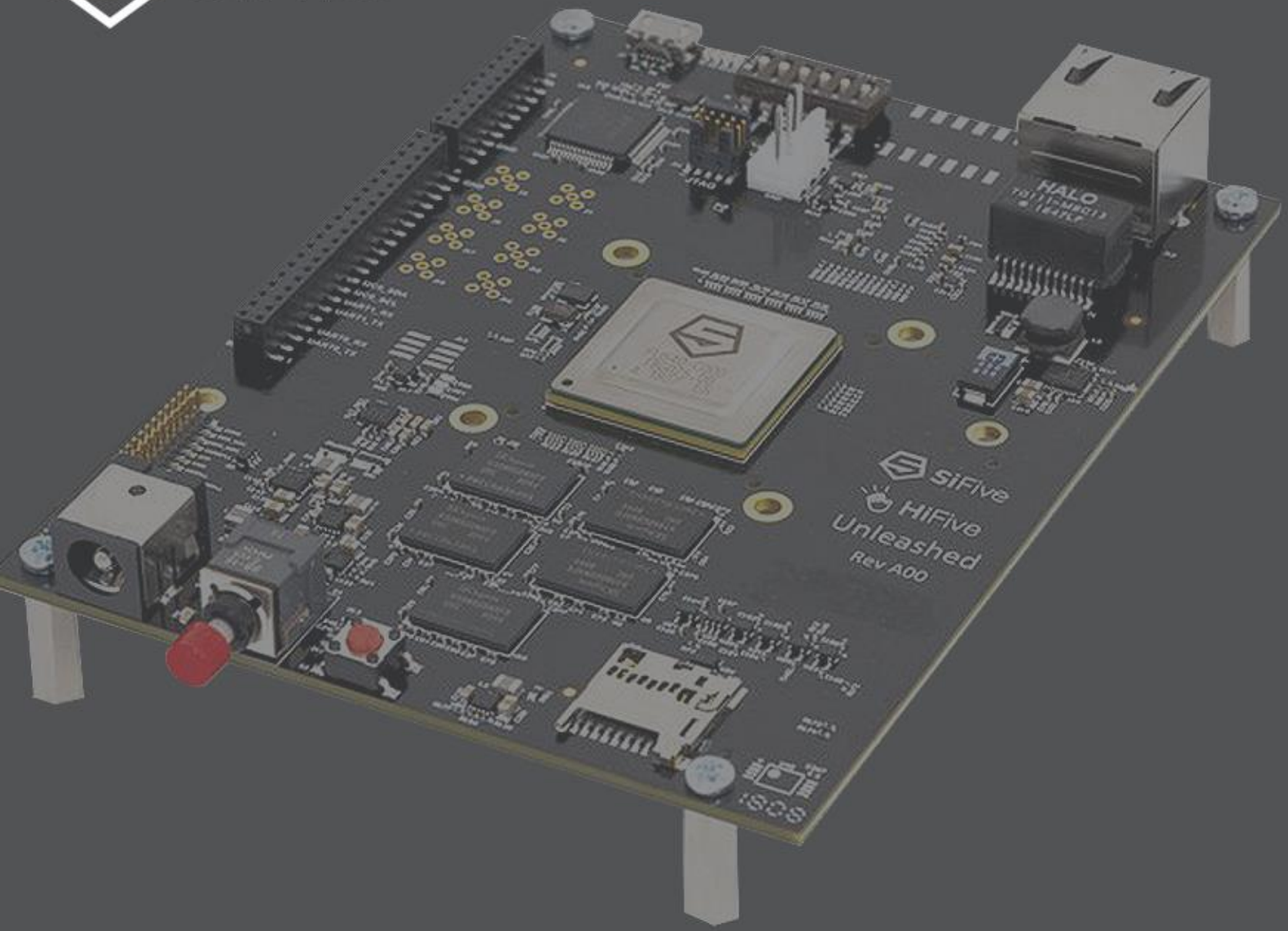

Silicon verified. Market proven.

The most advanced configurable core IP and silicon solutions from the inventors of RISC-V.

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▪ Networking ▪ Storage ▪ Computing ▪ AI
▪ Industrial ▪ IoT ▪ Consumer ▪ Automotive

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