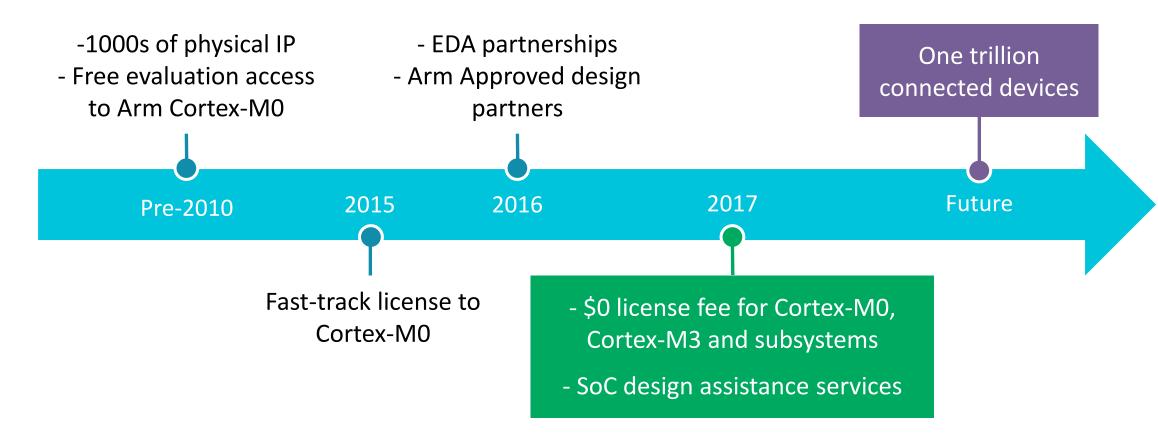


An enhanced Arm DesignStart

Building on a strong foundation Successfully used by 1000s of designers, researchers and students





Accessing proven, trusted IP has never been easier

Evaluate

with DesignStart Eval



Start designing within minutes



Instant, free access to evaluate, design, and prototype



No signature
Just a simple click-through EULA



Commercialize

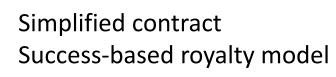
with DesignStart Pro



Commercialize with no upfront fee



Quick, web-based access to full IP for a commercial SoC



Cortex-M0, Cortex-M3 and subsystems available at designstart.arm.com



DesignStart: The fastest route to silicon

Fast, simple and no-risk access



Start designing today!

\$0 license fee

Success-based royalty model

Design with confidence



World's most proven processors

Cortex-M0 & Cortex-M3

Comprehensive subsystems

The most accelerated route to success



Most comprehensive services, tools, and software

Design assistance

Largest technology ecosystem



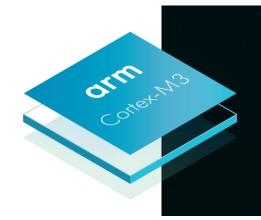
Enabling the broadest range of smart devices

Proven Trusted Widely deployed 20 Billion Cortex-M0 or Cortex-M3 based SoCs shipped



Enabling the broadest range of smart devices





Cortex-M3

- Small
- Mainstream devices
- Balanced performance & efficiency





Subsystem and software speed time to market

Fastest time to market with proven subsystem

CoreLink
SSE-050
subsystem
Cortex-M3

Peripherals
Sensor
Mems
Analog

Arm IP
Partner IP

10x IoT software productivity gain with mbed OS





With out-of-the-box support on Cortex-M3 and FPGA

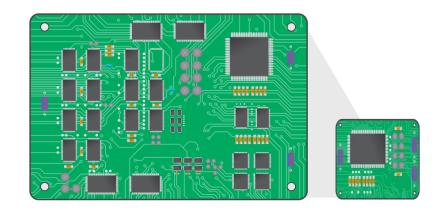


Enabling a new wave of custom SoCs



Unlock a greater potential with custom SoCs

From PCB to custom SoC





Increase margins by reducing

- Cost
- Complexity
- Size

Enhance designs with greater

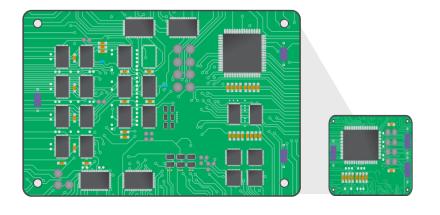


- Efficiency
- Reliability
- Differentiation
- IP protection



Custom SoCs enhance industrial control



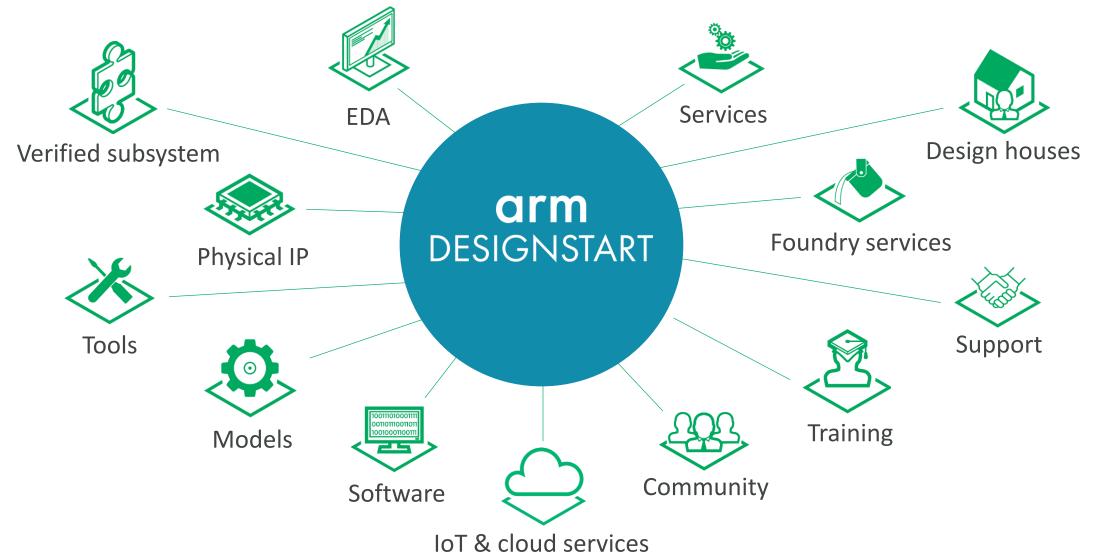


- >70% power reduction
- >75% smaller
- Improved reliability
- New revenue streams

- >80% BOM reduction
- Feature differentiation
- Hard to copy
- Simple inventory management



Much more than a CPU for silicon success





The most supported development with Cortex-M



Thriving developer base

250k+ mbed OS registered developers

2+ Eclipse/GCC (ARM) downloads in 2016

5+
million

CMSIS pack downloads in 2016

Largest open-access development resources



arm Community **arm** Developer

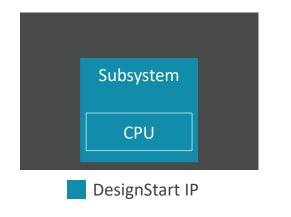
1000's of how-to guides, articles, and online development resources



Making it easy to design and prototype



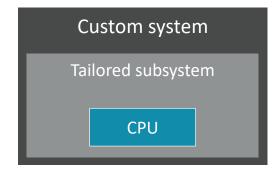
Easy simulation



Ready to run system for rapid evaluation

Cortex-M3 Cycle Model included

Easy design



Flexible subsystem for fast customization

Easy prototyping



Cortex-M Prototyping System

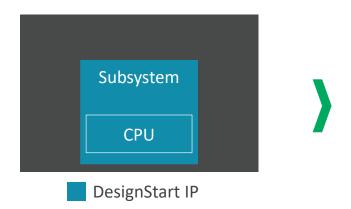
Simple FPGA prototyping
Out-of-the-box support for mbed OS
Trial license of MDK included



Making it easier to build custom SoCs

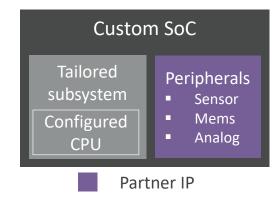


Start with verified subsystem



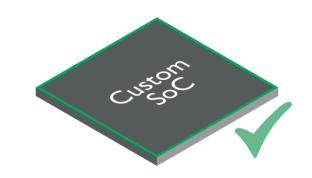
Reduce design time with proven subsystem and CPU

Innovate



Customize to meet own design needs

Produce



Implement with industry-leading physical IP



DesignStart: Accelerate silicon success

- > The simplest, fastest route to proven, trusted CPUs and subsystems
 - Proven IP enabling the broadest applications
 - Instant evaluation access

- Design with confidence
 - \$0 upfront license. Low-cost, success-based royalties
 - The most comprehensive services, tools, and software ecosystem
- Access the widest market



Thank You! Danke! Merci! 谢谢! ありがとう! **Gracias!** Kiitos!



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