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Supporting startups at every stage of your journey

Phil Burr, Senior Director, Strategic Programmes

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We Are The Architects of Tomorrow

200

Billion Arm-based Devices Worldwide

70%

Of the World's Population Uses Arm Technology

1000+
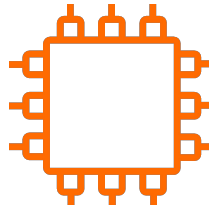
Hardware, Software and Service Partners

IP technologies, development tools and world-class ecosystem of support

Scalability, performance and efficiency

Ensuring partner success and accelerated time to market

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Flexible Access: Supporting You at Every Stage of the SoC Design Cycle
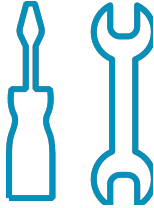
IP

Core functionality for any SoC

A wide range of Arm Cortex CPUs, Mali GPUs, ISPs, system IP, physical IP etc.

Tools & Models

Faster design & development

Access Arm tooling
and
models for CPU simulation

Support & Training

Design with confidence

Engineer support for all included products

Online technical training

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IP Included

Cortex Processors

- Cortex-A53*
- Cortex-A35*
- Cortex-A34*
- Cortex-A32*
- Cortex-A7
- Cortex-A5 (UP and MP)
- Cortex-R52
- Cortex-R8
- Cortex-R5
- Cortex-M55
- Cortex-M33
- Cortex-M23
- Cortex-M7
- Cortex-M4
- Cortex-M3
- Cortex-M0+
- Cortex-M0

Ethos Machine Learning Processors

- Ethos-U65
- Ethos U55

Mali Multimedia Processing

- Mali-G52
- Mali-G31
- Frame Buffer Compression
- Mali-C52 ISP
- Mali-C32 ISP

Safety Packages

- Cortex-A53
- Cortex-A35, A34, A32
- Cortex-R52, R5
- Cortex-M33, M23
- Cortex-M55
- Cortex-M7, M4, M3
- Cortex-M0+

Security IP

- CryptoCell-312*
- CryptoCell-703*
- CryptoCell-713*
- CryptoCell-712*
- True Random Number Generator

CoreLink Interconnect

- CoreLink NIC-450
- CoreLink NIC-400
- CoreLink CCI-400
- CoreLink CCI-500
- CoreLink CCI-550
- CoreLink DPE-400
- CoreLink PCK-600
- CoreLink SIE-300
- ADB-400 AMBA domain bridge
- XHB-400 AXI-AHB
- XHB-500 AXI5-AHB5

Peripheral Controllers

- PL011 UART
- PL022 SPI
- PL031 RTC
- CoreLink DMA-230
- CoreLink DMA-330

Corstone IP

- Corstone-101
- Corstone-102
- Corstone-201
- Corstone-300
- Corstone-500
- Corstone-700
- Corstone-1000
- Corstone-1000 Crypto Ext.

CoreSight Debug and Trace

- CoreSight SoC-600
- CoreSight SoC-600M
- CoreSight SoC-400
- CoreSight SDC-600
- CoreSight ELA-600
- CoreSight ELA-500
- CoreSight STM-500
- CoreSight STM
- CoreSight TMC

CoreLink System Controllers

- CoreLink GIC-500
- CoreLink GIC-400
- PL192 VIC
- CoreLink TZC-400
- CoreLink L2C-310
- CoreLink MMU-500
- CoreLink SIE-200
- AHB System IP
- BP140 Mem. Intf
- BP141 TrustZone MW
- AHB Cache
- Corelink DMA-350

Artisan Physical IP**

- Artisan Physical IP platform, TSMC 22ULL
- Artisan PIK for Cortex-M33, TSMC 22ULL
- Artisan PIK for Cortex-M55, TSMC 22ULL
- Artisan PIK for Ethos-U55, TSMC 22ULL
- Thousands of Physical IP Libraries included in the Artisan Physical IP- Free

Tools & Models

Support

- Access the latest tools & models in Success Kits to accelerate and improve development
- Global technical support
- Training

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Lifecycle Challenges of a Silicon Startup

Funding   **<1M**   **5M**   **>20M**

Pre-Seed	Seed	Series A	Series B	Exit or further series

Arm Flexible Access for Startups

Arm Flexible Access

- Building investor confidence
- Innovating
- Rapid testing of ideas

- Managing investors
- Building customer confidence
- Minimizing risk
- Reducing time to market

Minimizing burn rate

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Introducing Arm Flexible Access for Startups

What does it give?

Zero cost access to the world's most widely used chip design IP

- Free access to the IP, tools, training and support in Flexible Access

- Experiment, design and then tape-out prototype silicon without paying any license fees

Who is it for?

Helping startups to develop innovative SoCs

- Early-stage semiconductor startups developing SoCs

- Privately owned with funding less than $5M

- Revenue less than $1M

Why?

Supporting startup innovation

- Allows startups to conserve cash and accelerate their designs; leading to a faster time to market

- Drives VC funding through the confidence of using the most trusted IP

- Reduces development risk through Arm's extensive Ecosystem

More than 50 startups are already benefiting since program launched in April 2020

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What Startup Partners Are Saying

- "As a startup, we are deriving the benefit of the same level of commitment and support to our near and long term success as a large public company"

Krishna Rangasaayee
CEO and Founder, Sima

- "Our technology needs to work first time and the technology contributed by the ecosystem has to be just as trustworthy"

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Avi Baum
Co-founder and Chief Technologist, Hailo

- "It's an exciting journey in which a small group of grad students takes a spark of innovation from research and kindles it into a technology that they hope will transform the world."

Sam Fok
Co-founder and CEO, Femtosense

www.arm.com/products/flexible-access/startup

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Thank You

Danke

Gracias

Grazie

谢谢

ありがとう

Asante

Merci

감사합니다

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Kiitos

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