## ARM Cortex processors

### **ARM**

The world's most power efficient processors

Performance and scalability for enterprise, mobile and embedded solutions

# ARM® Cortex®-A portfolio

Q4 2016

#### Cortex-A15

High-performance with infrastructure feature set

#### Cortex-A17

High-performance with lower power and smaller area relative to Cortex-AI5

#### Cortex-A57

Proven high-performance

#### Cortex-A72

2016
Premium Mobile,
Infrastructure &
Auto
64/32-bit

#### Cortex-A73

2017 Premium Mobile, Consumer High performance

#### Cortex-A8

First ARMv7-A processor

#### Cortex-A9

Well-established, mid-range processor used in many markets

### Cortex-A53

Balanced performance and efficiency 64/32-bit

High efficiency

#### **Cortex-A5**

Smallest and lowest power ARMv7-A CPU, optimized for single-core

#### Cortex-A7

Most efficient
ARMv7-A CPU,
higher
performance than
Cortex-A5

### Cortex-A32

Smallest and lowest power ARMv8-A

### Cortex-A35

Highest efficiency

Ultra high efficiency

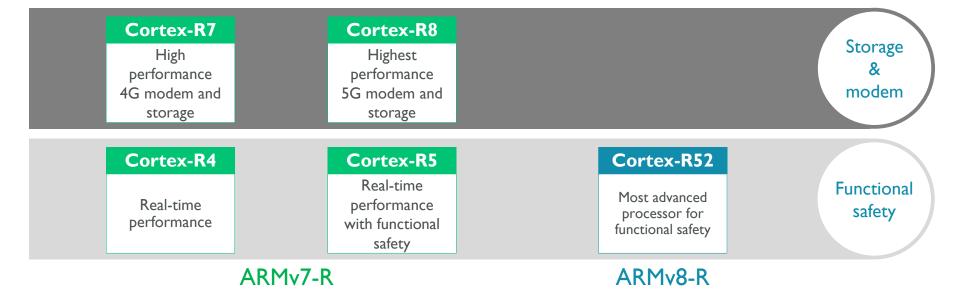
ARMv7-A





# ARM® Cortex®-R portfolio

Q4 2016





# ARM® Cortex®-M and SecurCore® portfolio

Q4 2016

Cortex-M3 Cortex-M4 Cortex-M7 Cortex-M33 **Performance** Maximum Flexibility, control Performance Mainstream performance, and DSP with efficiency efficiency control and DSP TrustZone control and DSP Cortex-M0 Cortex-M0+ Cortex-M23 Lowest TrustZone in Highest energy Lowest cost. smallest area, power & area efficiency low power lowest power Available via DesignStart **SC000 SC300** SecurCore Optimized area, Performance. anti-tampering anti-tampering

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