

Arm Corstone Package Contents

Arm Corstone provides everything needed to build IoT SoCs faster and more securely, with the right architecture choice, integration, and verification.

| Component | Corstone-101 | Corstone-102 | Corstone-201 | Corstone-300 | Corstone-310 | Corstone-500 | Corstone-1000 |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| Corstone Subsystems | | | | | | | |
| SSE-050 Subsystem (Cortex-M3 based) | ✓ | ✓ | ✓ | | | | |
| SSE-123 Subsystem (Cortex-M23 based) | | ✓ | ✓ | | | | |
| SSE-200 Subsystem (dual Cortex-M33 based) | | | ✓ | | | | |
| SSE-300 Subsystem (Cortex-M55 based) | | | | ✓ | | | |
| SSE-310 Subsystem (Cortex-M85 based) | | | | | ✓ | | |
| SSE-500 Subsystem (Cortex-A5 based) | | | | | | ✓ | |
| SSE-710 Subsystem (Cortex-A32, Cortex-A35 or Cortex-A53 and Cortex-M based) | | | | | | | ✓ |
| System IP | | | | | | | |
| CM0SDK and CMSDK (common IP blocks) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| True Random Number Generator (TRNG) | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Real-Time Clock (RTC) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CoreLink AHB Flash Cache | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| CoreLink GFC-100 (single port) | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| CoreLink GFC-200 (dual port) | | ✓ | ✓ | ✓ | ✓ | | ✓ |
| CoreLink SIE-200 (AHB5 TrustZone System IP) | | ✓ | ✓ | ✓ | ✓ | | ✓ |
| CoreLink SIE-300 (AXI5 TrustZone System IP) | | | | ✓ | ✓ | | ✓ |
| CoreLink PCK-600 (power control) | | ✓ | ✓ | ✓ | ✓ | | ✓ |
| CoreSight SoC-400M (standard debug) | | | ✓ | | | | |

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|--|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| CoreSight SoC-400 (standard debug) | | | | | | ✓ | |
| CoreSight SoC-600M (enhanced debug) | | | | | ✓ | | |
| CoreSight SoC-600 (enhanced debug) | | | | | | | ✓ |
| CoreSight SDC-600 (authenticated debug) | | | ✓ | | ✓ | | ✓ |
| CoreSight STM-500 (system trace macrocell) | | | | | | | ✓ |
| CoreLink ADB-400 (AMBA domain bridge) | | | | ✓ | ✓ | | |
| CoreLink NIC-400-Lite (network interconnect) | | | | ✓ | | | |
| CoreLink NIC-400 (network interconnect) | | | | | ✓ | ✓ | |
| CoreLink NIC-450 (network interconnect) | | | | | | | ✓ |
| CoreLink XHB-500 (AHB5 and AXI bridging IP) | | | | ✓ | ✓ | | ✓ |
| CoreLink GIC-400 (interrupt controller) | | | | | | | ✓ |
| IntMemAxi (internal memory interface) | | | | | | ✓ | ✓ |
| PrimeCell UART | | | | | | ✓ | ✓ |

For more information, contact your Arm account manager today or explore the Corstone packages in more detail here: <https://developer.arm.com/ip-products/subsystem/corstone>