

Arm Corstone IP Package Contents

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

Component	Corstone-101	Corstone-102	Corstone-201	Corstone-300	Corstone-310	Corstone-315	Corstone-320	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 and Ethos-U55 based)				✓				
SSE-310 Subsystem (Cortex-M85 and Ethos-U55 based)					✓			
SSE-315 Subsystem (Cortex-M85, Ethos-U65 and Mali-C55 based)						✓		
SSE-320 Subsystem (Cortex-M85, Ethos-U85 and Mali-C55 based)							✓	
SSE-710 Subsystem (Cortex-A32, Cortex-A35 or Cortex-A53 and Cortex-M based)								✓
System IP								
CM0SDK and CMSDK (common IP blocks)	✓	✓	✓	✓	✓	✓	✓	✓
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-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>