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This book is a supplement to the ARM® Architecture Reference Manual, ARMv8-A, for ARMv8-A architecture profile (DDI0487), and is intended to be used with it. The ARMv8-A ARM is the definitive source of information about ARMv8-A. It is assumed that the reader is familiar with the ARMv8-A architecture.

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This supplement is written for users who want to design, implement, or program the Custom Datapath Extension for Armv8-M. This supplement is not a full description of the Armv8-M architecture. The supplement provides a precise, accurate, and correct set of rules that must be followed in order for a Custom

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ARM Architecture Reference Manual Thumb-2 Supplement

ARM® Architecture Reference Manual Supplement - The Scalable Vector Extension (SVE), for Armv8-A; Arm® Architecture Reference Manual Supplement Memory System Resource Partitioning and Monitoring (MPAM), for Armv8-A ; Arm® Reliability, Availability, and Serviceability (RAS) Specification - Armv8, for the Armv8-A architecture profile; Arm® Architecture Reference Manual Armv7-A and Armv7-R edition

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