



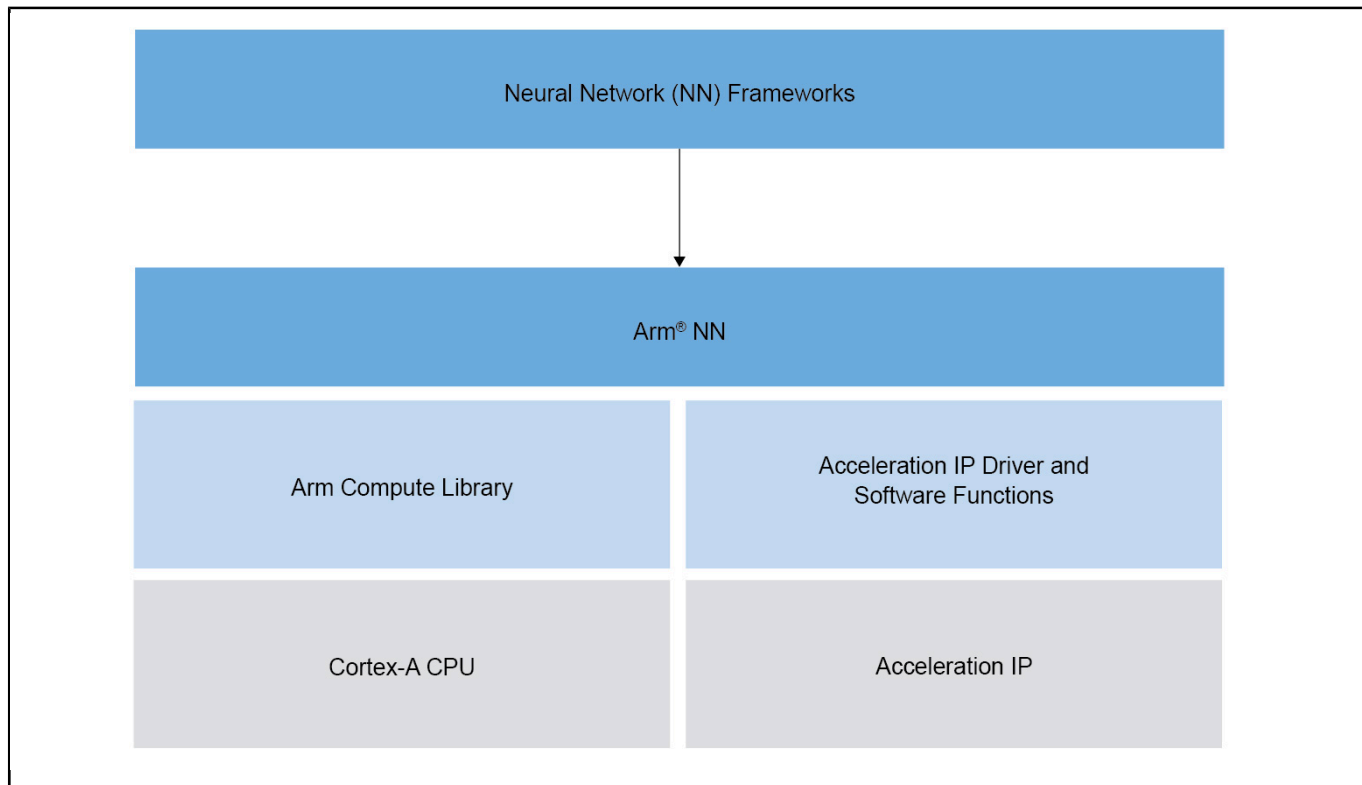
eIQ[®] Inference with Arm[®] NN

eIQArmNN

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eIQ software supports the [Arm NN SDK](#) – an inference engine framework that provides a bridge between neural network (NN) frameworks and Arm machine learning processors, including NXP's i.MX and Layerscape[®] processors. For Arm[®] Cortex[®]-A based processors, Arm NN converts models trained with existing neural network frameworks into inference engines that leverage Arm Neon[™] instructions via the Arm Compute Library. NXP provides back-end support for Arm NN to allow inferencing to be run on the i.MX 8 GPUs and the i.MX 8M Plus NPU. Arm NN works with Caffe, TensorFlow, TensorFlow Lite, and ONNX models.

eIQ Software for Arm NN SDK Block Diagram



View additional information for [eIQ® Inference with Arm® NN](#).

Note: The information on this document is subject to change without notice.

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