



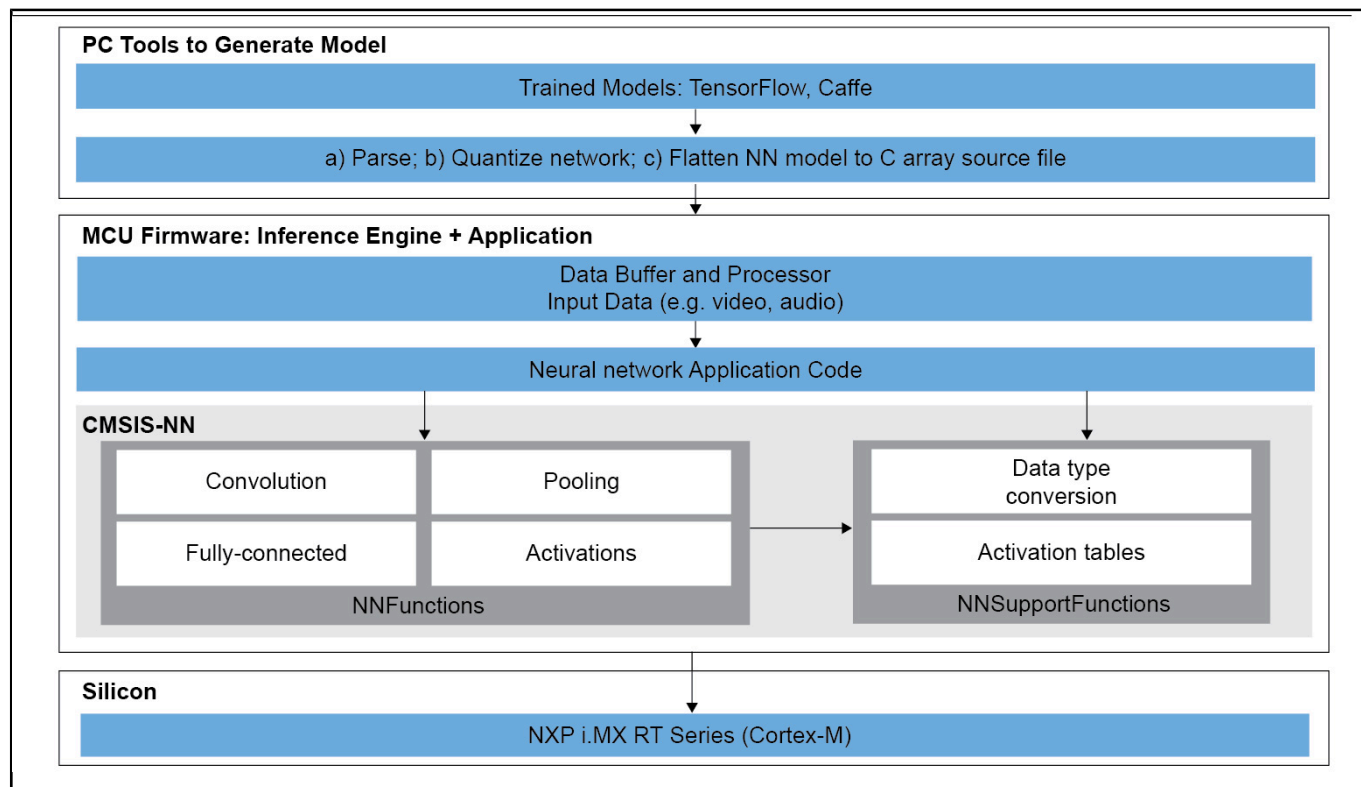
# eIQ for Arm CMSIS-NN

## eIQArmCMSISNN

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Arm CMSIS-NN是一组高效的神经网络内核，用于最大化Arm Cortex-M处理器内核的性能，同时最小化内核中神经网络的内存占用。为了便于部署，恩智浦eIQ将CMSIS- NN以及所有其他Arm CMSIS组件直接集成到MCUXpresso中。使用CMSIS-NN比使用TensorFlow Lite需要的人工干预更多，但是性能更快，内存占用更小，而代价则是受限的神经网络算子。因此无法支持某些模型。Arm还提供转换脚本来解析网络拓扑并自动确定要使用的适当函数。

## eIQ for Arm® CMSIS-NN Block Diagram



View additional information for [eIQ for Arm CMSIS-NN](#).

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

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