Layerscape 1046A Processor Broadband Home Router Application Solutions Kit
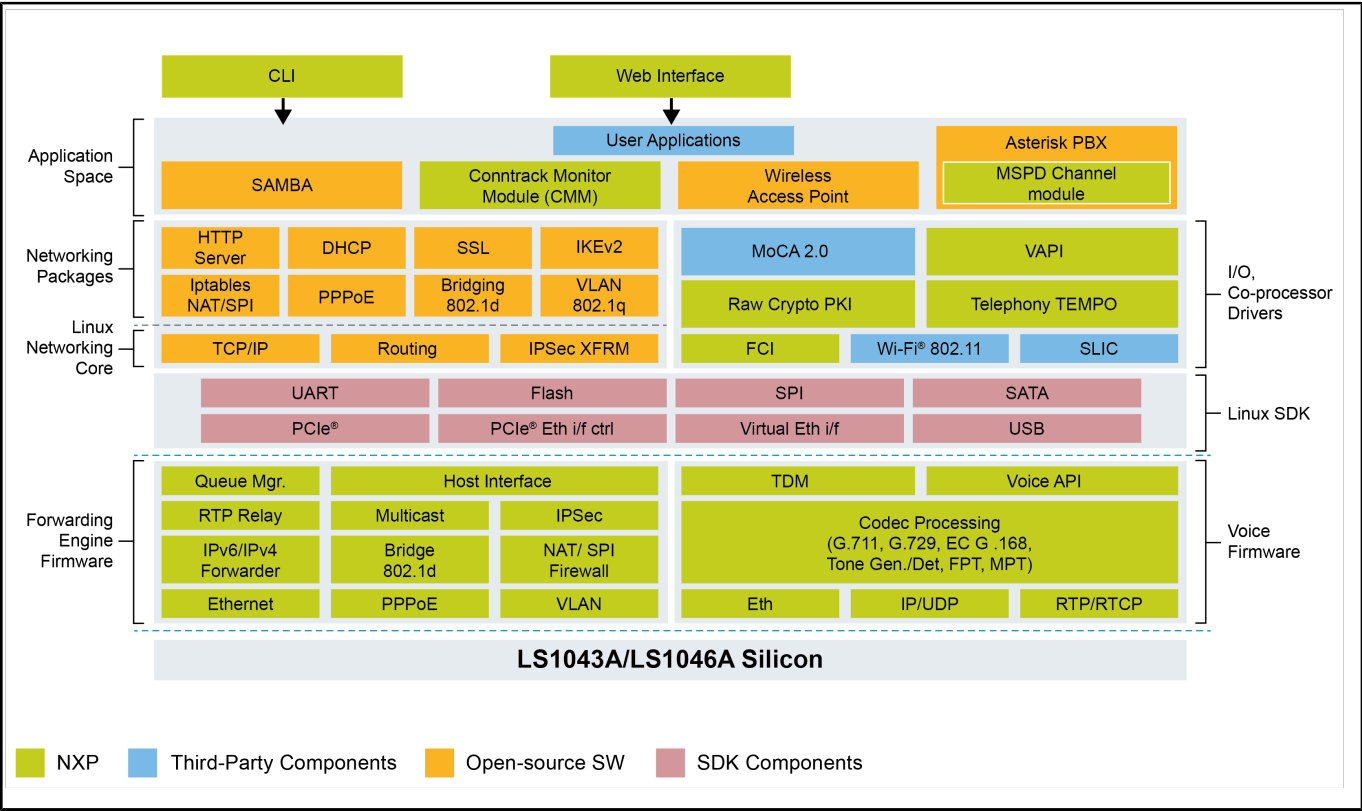
QORIQ-LS1046A-BHR-ASK

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The NXP® ASK (Applications Solutions Kit) Software package for the LS1046A processor turns the LS1046A into a mostly autonomous ISO layer 3 packet processing system, offering many NO-CPU-NEEDED ethernet routing and switching fast paths so that the ARM A72 CPUs can be harnessed to make applications that provide differentiation and extra features for your customers.

Autonomous routing of routine traffic through the LS1046A at 20G allows the ARM A72 to focus on revenue producing extra tasks such as running a Voice over IP telephone or IPTV!

The NXP ASK SW Package makes a single chip routing/switching engine possible.

LS1046A Multicore Communications Processor Broadband Home Router ASK Block Diagram

View additional information for Layerscape 1046A Processor Broadband Home Router Application Solutions Kit.

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