

LS1046A Freeway Board

FRWY-LS1046A

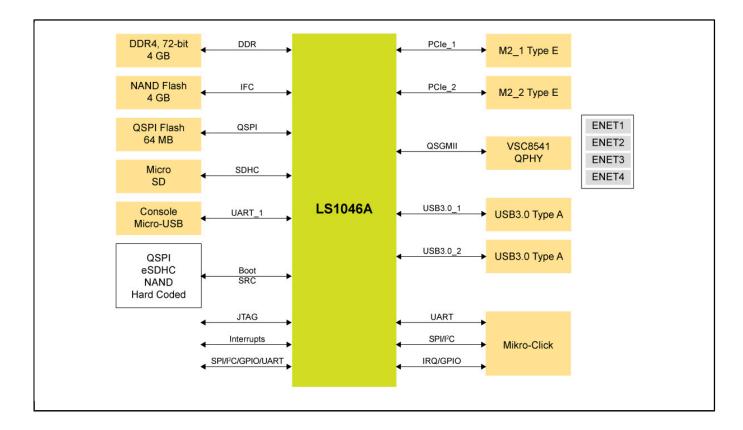
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The LS1046A Freeway board (FRWY) is a high-performance computing, evaluation, and development platform that supports the LS1046A architecture processor capable of support more than 32,000 CoreMark performance. The FRWY-LS1046A board supports the LS1046A processor, onboard DDR4 memory, multiple Gigabit Ethernet, USB3.0 and M2_Type_E interfaces for Wi-Fi, FRWY-LS1046A-AC includes the Wi-Fi card.

In addition to a Wi-Fi card, the FRWY-LS1046A-TP includes the Coral Tensor Flow Processing Unit that offloads AI/ML inferencing from the CPU to provide significant boost for AI/ML applications. The FRWY-LS1046A-TP includes one M.2 TPU module and more modules can easily be added including USB versions of the module to scale the AI/ML performance.

The board has been certified to the Arm SystemReady ES standard to ensure interoperability with standard operating systems and hypervisors.

Layerscape LS1046A Block Diagram



View additional information for LS1046A Freeway Board.

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

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