



# LS1046A Freeway Board

## FRWY-LS1046A

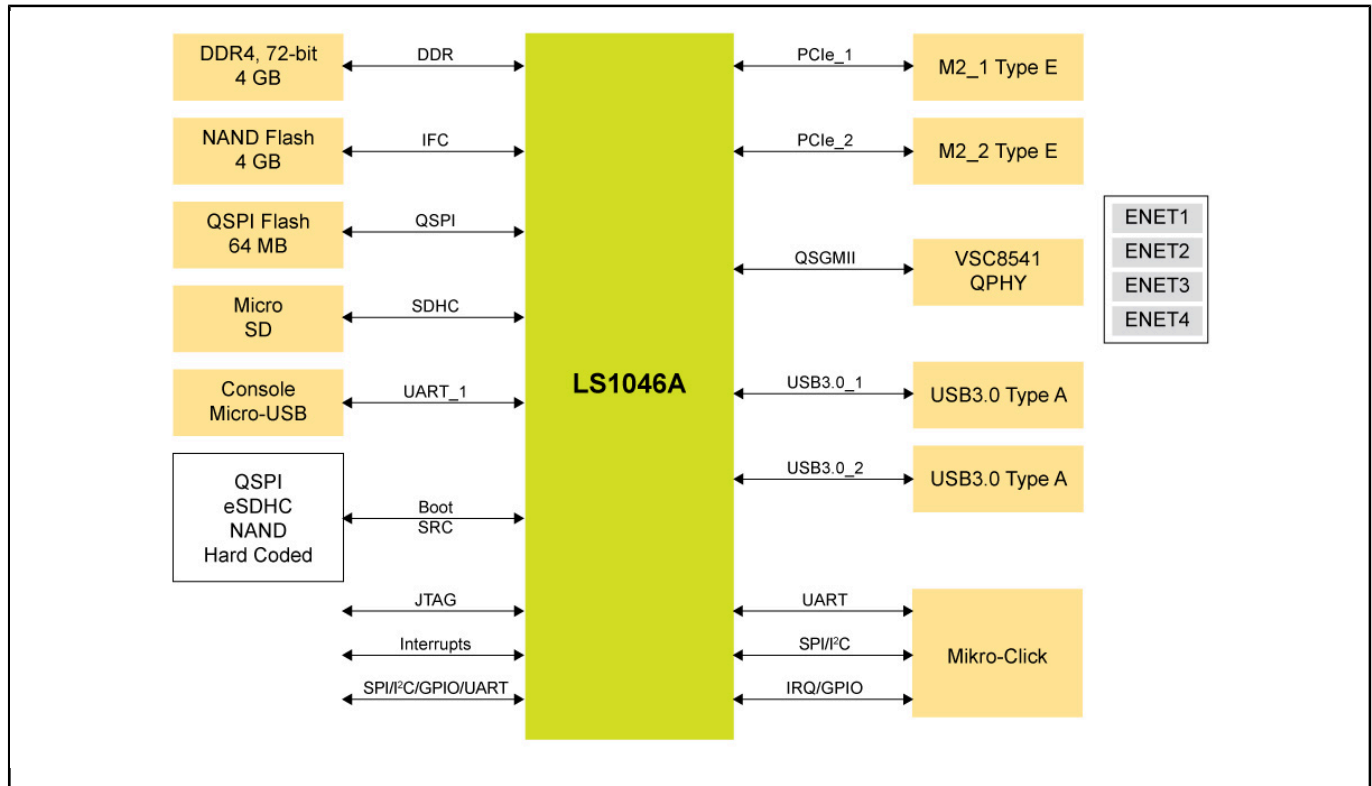
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The LS1046A Freeway board (FRWY) is a high-performance computing, evaluation, and development platform that supports the LS1046A architecture processor capable of support more than 32,000 CoreMark performance. The FRWY-LS1046A board supports the LS1046A 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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