



Ara240 16GB M.2 Module

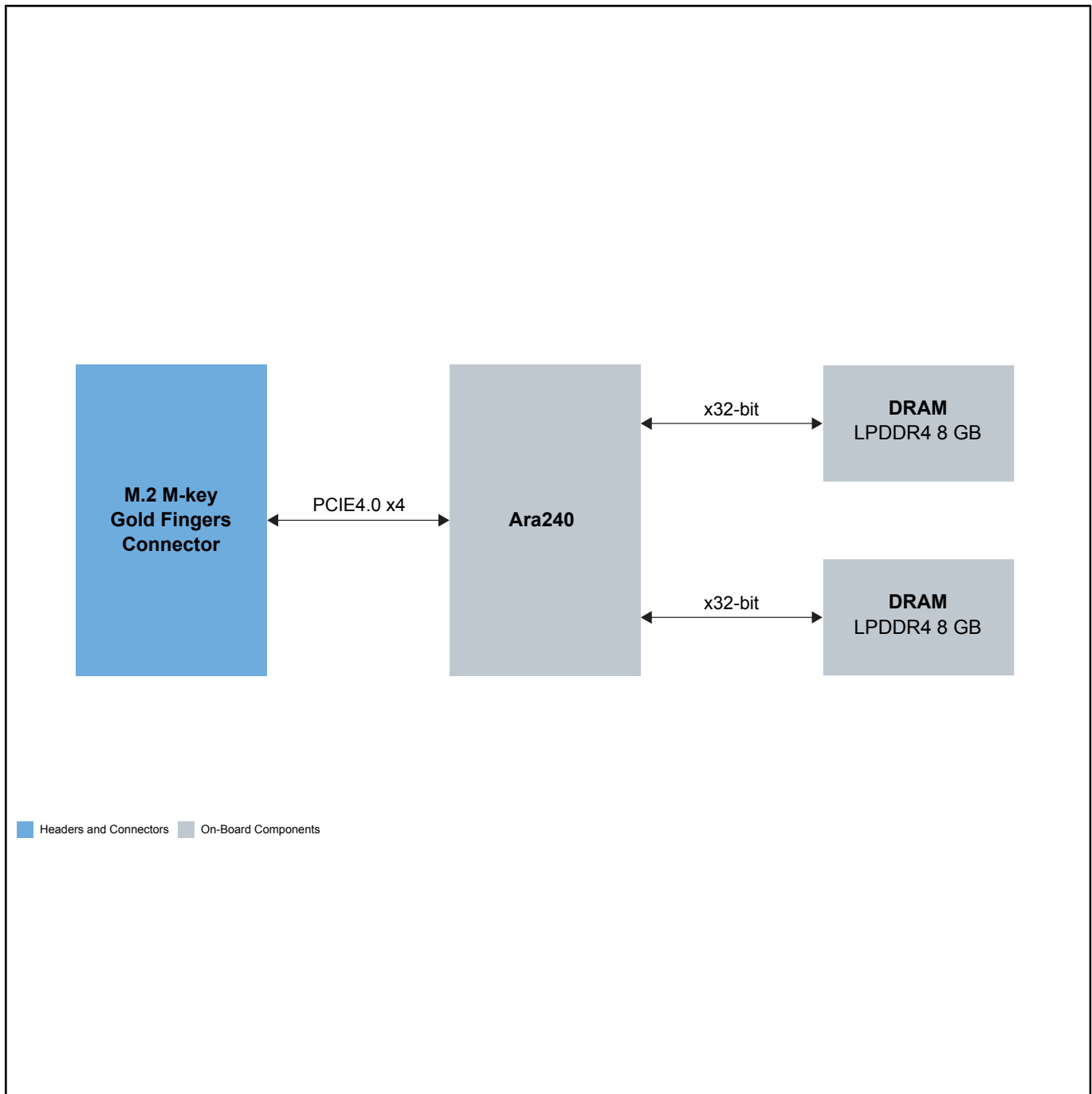
ARA240-16GB-M2-MODULE UPDATED

Active

Last Updated: Feb 20, 2026

The Ara240 16GB M.2 Module is an AI accelerator module based on the [Ara240](#) AI processor. It can provide up to 40 eTOPs with flexible precision. It uses the M.2 M-Key and supports a maximum 4 lanes PCI Express 4.0 in x4 configuration. Designed with the commonly used NGFF 2280 form factor, it can be easily used as a companion processing unit on any NXP i.MX or S32 platform with M.2 M-Key PCI Express capability.

NXP Applications Processor and Ara DNP Connection Block Diagram



View additional information for [Ara240 16GB M.2 Module](#).

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

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