



Date: July 22, 2022

Subject: AT91SAM7X512B Supply Status

Dear Mr. Customer,

As you are likely aware, the semiconductor industry is going through unprecedented capacity and supply constraints. A combination of supply constraints, and a manufacturing issue, have led to extended lead times on the AT91SAM7X512B that you are purchasing. To assist customers with an urgent need, we have an alternate device that can be utilized with minimal impact.

The AT91SAM7XC512B family is functionally equivalent to the AT91SAM7X512B, with the exception of the Dev ID and the addition of a cryptography function. If some minor changes are made, primarily to the programming process, the AT91SAM7XC512B family is functionally and mechanically equivalent to the AT91SAM7X512B packaged counterpart. It also enjoys a significantly better supply situation. We are suggesting that you work with our Sales and ISR team to rebook your orders from the AT91SAMx512B to the AT91SAM7XC512B. This should significantly improve your supply dates.

The attached Memorandum details the transition to the AT91SAM7XC512B.

We highly suggest that you move to the AT91SAMXC512B as soon as possible. That will allow you to receive shipments much sooner than you otherwise could. Please contact us or Microchip Sales for any questions or concerns or for help in migrating to the latest AT91SAM7XC512B. We appreciate your business and hope the supply chain returns to normal as soon as possible.

Best regards,

A handwritten signature in blue ink, appearing to read 'Neel Das'.

Neel Das  
Director – MCU32 Business Unit  
Microchip Technology, Inc.