

**Overview**

Significant enhancements have been made to the ADA-SDEV-KIT2/C kit functionality with the release of the new version of the configuration daughter card. To provide customers with a clearer understanding of the kit they already have or are looking to order, the standard kit provided will change part number to ADA-SDEV-KIT3/C.

The ADM-SDEV-CFG configuration FMC module included in the kit is being replaced with a backwards compatible, upgraded module. This adds Ethernet connectivity and easier access to SMAP configuration signals. Modifications to the default GA addresses of FMC sockets on the ADM-SDEV-BASE board are also being applied to improve compatibility with some 3rd party FMC boards.

The ADA-SDEV-KIT3/C will become the standard board from March 2021.

**Product(s) Affected:**

Current Part Number	New Part Number
ADA-SDEV-KIT2/C Supplied with ADM-SDEV-CFG	ADA-SDEV-KIT3/C Supplied with ADM-SDEV-CFG2

**Description and Purpose of Change:**

The ADM-SDEV-CFG2 module adds a 1 Gigabit Ethernet PHY and RJ45 connectivity and improved SMAP signal breakout to the system, but is otherwise compatible with the ADM-SDEV-CFG module. This replacement component will now be included in all future kits. The ADM-SDEV-BASE module will have different GA address strappings for the FMC slots on the baseboard to make it immune to the variable choice of the endianness of GA addressing in FMC PROMs. Old GA slot addresses were : 1. LPC 01, 2. CFG 10, 3. FMC+ 11. New slot addresses are 1. LPC 00, 2. CFG 01, 3. FMC+ 11

**Impact on Form, Fit or Function:**



**Form** None

**Fit** None

**Function** Additional Ethernet and SMAP connectivity. Improved FMC compatibility.

**Effective Date of Change:**

ADA-SDEV-KIT2/C will be available while stocks last, and existing orders for this part will be fulfilled. From 1st March 2021 shipments of ADA-SDEV-KIT3/C will be the default part number. The older version of the kit may still be available beyond this date subject to stocking or minimum order restrictions.

Director: 	Date: 25/01/21
Quality Representative: 	Date: 25-Jan-2021