

PCN Overview



PCN Number	PCN_AM335x-001		
PCN Date	08.08.2021		
Type of Change	Change of component		
History			
Revision	Date	Description	Name
R01	04.08.2021	First draft	AG
R01	08.08.2021	Released (#10145)	HH

Change Information	
Reason for Change	EOL (End of Life) of the used Spansion SPI flash S25FL116K0XMF1010.
Description of Changes	The Spansion SPI flash S25FL116K0XMF1010 will be replaced by Winbond W25Q16JVSSIQ.
Customer Impact	Old Bootloader versions only support SPI flash devices of the vendor Spansion. Therefore, the customer must ensure, that the mass production image includes the bootloader version 0.4.4.0 or newer to support the new Winbond W25Q16JVSSIQ flash device. The new versions are backwards compatible and support both flash devices. All DHCOM AM335x modules are supplied with the pre-programmed bootloader version 0.4.2.0. With the switch to the new Winbond W25Q16JVSSIQ flash the bootloader for all article numbers will be updated to version 0.4.4.0 automatically.
Suggested Measures	The current bootloader version needs to be checked. If it is older than 0.4.4.0, then an update must be applied to the mass production image. The sources (current version 0.4.4.0) can be found on Github: https://github.com/dh-electronics/u-boot-am33x/tree/release/v0.4.4.0 The binary (current version 0.4.4.0) can be downloaded from the following link: https://www.dropbox.com/s/bf77g3g7po311ai/U-Boot-2016.01_AM335x_v0.4.4.0.zip?dl=0 Next to this the customer must ensure, that the future pre-programmed bootloader version 0.4.4.0 is correctly handled at the production process.
Logistics	Please ask your sales contact if you have any questions about this change.

Affected Products

Article No. DH	Description
HA00015	DHCM-AM3352-C060-R051-F0409-E2-SD-RTC-I-01D2
HA00016	DHCM-AM3352-C060-R051-F0409-E2-SD-RTC-I-01D2
HA00017	DHCM-AM3352-C060-R102-F0409-E2-SD-RTC-I-01D2

Contacts

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