


PCN Overview				
PCN Number		DHCOM-STM32MP15-003		
PCN Date		22.05.2023		
Type of Change		Change Software		
History				
Revision	Date	Description	Name	
R01	16.05.2023	First draft	AG	
R01	22.05.2023	Reviewed and released	AB	

Change Information	
Reason of Change	<p>Outdated U-Boot Version 2020.07.</p> <p>In the meantime, many fixes and changes are included in up-to-date U-Boot version for the DHCOM STM32MP15. With the old 2020.07 based U-Boot version e.g., ethernet is no longer working in combination with up-to-date Linux version and also SD card boot is not possible.</p>
Description of Changes	<p>All DHCOM STM32MP15 based system on modules are shipped with pre-programmed U-Boot version 2020.07. With this change the U-Boot version will be updated to 2022.07. The sources can be found at the following link:</p> <p>https://github.com/dh-electronics/u-boot-stm32mp1/tree/v2022.07_testbench</p>
Customer Impact	<p>Updated pre-programmed U-Boot binary to version 2022.07.</p>
Suggested Measures	<p>It should be checked whether the pre-programmed binary works in the production and series process.</p> <p>Depending on the customer, the pre-programmed bootloader is used or a special version is installed by the customer. If the pre-programmed version is used, the customer must check, if this new version works also with the currently used production image. If special version is installed during production, the customer must ensure, that the update from new 2022.07 works without any issues.</p>
Logistics	<p>Please ask your sales contact, if you have questions regarding this change scenario.</p>

Affected Products	
HS00014	DHCM-STM32MP157C-C065-R102-F0819-SPI-E2-CAN2-SDR104-RTC-WBT-T-DSI-I-01D2
HS00015	DHCM-STM32MP157C-C065-R102-F0819-SPI-E-CAN2-SD-RTC-T-DSI-I-01D2
HS00016	DHCM-STM32MP153C-C065-R102-F0819-SPI-E2-CAN2-RTC-I-01D2
HS00017	DHCM-STM32MP153C-C065-R051-F0819-SPI-E-CAN2-I-01D2
HS00019	DHCM-STM32MP157C-C065-R102-F0819-SPI-E-CAN2-SD-RTC-T-DSI-I-01D2-microSDboot
HS00024	DHCM-STM32MP157C-C065-R102-F0409-SPI-E-RTC-T-I-01D2
HS00029	DHCM-STM32MP157C-C065-R051-F0409-SPI-E2-SD-RTC-WBT-I-01D2
FS00013	DHCM-STM32MP153C-C065-R102-F0819-SPI-E2-CAN2- RTC-I-01D2
FS00014	DHCM-STM32MP153C-C065-R102-F0819-SPI-E2-CAN2- RTC-I-01D2

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