PCN Overview			
PCN Number	DHCOR-STM32MP1-001		
PCN Date	27.09.2022		
Type of Change	Change Software		
History			
Revision	Date	Description	Name
R01	27.09.2022	First draft	AG
R01	07.10.2022	Release	AB

Change Information	
Reason of Change	DHCOR STM32MP1 default bootloader update.
Description of Changes	Each DHCOR device is delivered with preprogrammed default bootloader. Previously the version u-boot 2021.01 based on Avenger96 mainboard was delivered. With the new production lots the bootloader version will change to u-boot 2022.07 based on testbench configuration (g5d247d61). This enables more flexibility, since the dependency on the Avenger96 board is eliminated. For more details about supported features, please have a look at our wiki: https://wiki.dh-electronics.com/index.php/Default_Bootloader_%22stm32mp15xx-dhcor-testbench%22 The sources can be found here: https://github.com/dh-electronics/u-boot-stm32mp1/tree/5d247d61f3dc4724f6285b2e14bd21de6208b647
Customer Impact	Customer must support both versions of u-boot.
Suggested Measures	Please check if the new bootloader version works correct during board commissioning. Prebuild binaries for tests can be found here: https://wiki.dh-electronics.com/index.php/Default_Bootloader_%22stm32mp15xx-dhcor-testbench%22#Download.2FBuild_U-Boot_SPL_and_U-Boot_binaries
Logistics	Please ask your sales contact, if you have questions regarding this change scenario.

Affected Products	
HS00009	DHCR-STM32MP151A-C065-R025-V33-SPI-C-01LG
HS00010	DHCR-STM32MP151A-C065-R025-V33-SPI-I-01LG
HS00011	DHCR-STM32MP157C-C065-R051-V33-SPI-C-01LG
HS00012	DHCR-STM32MP157C-C065-R051-V33-SPI-I-01LG
HS00018	DHCR-STM32MP151A-C065-R102-V33-SPI-I-01LG
HS00022	DHCR-STM32MP157F-C080-R102-V33-SPI-I-01LG
HS00023	DHCR-STM32MP153C-C065-R051-V33-SPI-I-01LG
HS00025	DHCR-STM32MP157A-C065-R051-V33-SPI-I-01LG
HS00027	DHCR-STM32MP153C-C065-R102-V33-SPI-I-01LG
HS00028	DHCR-STM32MP151A-C065-R051-V33-SPI-I-01LG

Contacts	
Technical Contact	Tel: +49 8662 4882 0
	Mail: support@dh-electronics.com
Sales Contact	Tel: +49 8662 4882 0
	Mail: sales@dh-electronics.com