PCN Overview	
PCN Number	DHCOR-iMX6ULL-005
PCN Date	26.04.2021
Type of Change	Change Component

History

Revision	Date	Description	Name
R01	26.04.2021	First draft	AG
R01	05.05.2021	Revied and released (#8988)	HH

Change Information	
Reason of Change	Newer production lots (see NXP customer information 201908013I below) of the NXP i.MX6ULL, cause stability problems on our DHCOR i.MX6ULL module in rare cases. **Customer Information Notification 201908013I from NXP:** NXP Semiconductors announces the Final Test site expansion for the i.MX6ULL and i.MX6UltraLite product associated with this notification, from the current NXP-ATTJ Tianjin, China Final Test site to the ASE, Chung-Li, Taiwan Final Test site. Final Test site expansion was successfully qualified adhering to NXP specifications.
Description of Changes	One of the i.MX6ULL VDD_SOC_CAP capacitors at our DHCOR i.MX6ULL module was changed from 22uF to 47uF. This change improves the system stability under high CPU load.
Customer Impact	-
Suggested Measures	None, but please also consider the customer information DOC_DHCOR-iMX6ULL-001_R01_2020-12-16.pdf if you are using the 792 MHz i.MX6ULL CPU from NXP.
Logistics	-

Affected Products	
HI00067	DHCR-iMX6ULL-C052-R025-SPI-C-01LG
HI00072	DHCR-iMX6ULL-C080-R051-SPI-WBT-I-01LG
HI00076	DHCM-iMX6ULL-C052-R025-F0409-SPI-E-RTC-C-01D2
HI00077	DHCM-iMX6ULL-C052-R025-F0012-SPI-E-SD-RTC-C-01D2
HI00084	DHCM-iMX6ULL-C090-R051-F0409-SPI-E-CAN2-RTC-WBT-C-01D2

HI00089	DHCM-iMX6ULL-C080-R051-F0409-SPI-E2-CAN2-RTC-WBT-ADC-I-01D2
HI00090	DHCM-iMX6ULL-C080-R051-F0409-SPI-E2-CAN2-SD-RTC-ADC-I-01D2

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