

FORD LDM Localization - 功能 #2569

功能 # 2519 (已关闭): Ford_SYSR: System Requirement

Ford_SYSR : FS_REQ0049_V2 Output Thermal Derating curve

2024-10-24 18:47 - 玉洁 金

状态:	已关闭	开始日期:	2024-10-28
优先级:	普通	计划完成日期:	2024-11-07
指派给:	涛 陆	% 完成:	100%
类别:		预期时间:	0.00 小时
目标版本:	H003_SW0007169.A001.8	耗时:	0.00 小时
描述 All output functions shall have a defined derating curves using 5 points described by a temperature and a percent derating. Combined current derating and PWM derating may be used to meet the derating points. The LDM shall linear interpolate the derating between the 5 programmed points. This applies to all functions driven high side LED buck drivers. The configurations used will be ‘ CHx_NTC_TempDerate(1-5) _cfg ’ to configure the temperature points and ‘ CHx_NTC_BrightDerate(1-5) _cfg ’ to configure the percentage by which the output shall be derated. These temperature points shall align to those described in RQT-170000-022597. NTC derating temperature range and resolution setting: ‘ CHx_NTC_TempDerate1_cfg ’ : should always be -40 and can ’ t be configured. ‘ CHx_NTC_TempDerate2_cfg ’ : • Range: -5 - 30 • Resolution: 5 ‘ CHx_NTC_TempDerate3_cfg ’ : • Range: 80 - 115 • Resolution: 5 ‘ CHx_NTC_TempDerate4_cfg ’ : • Range: 90 - 125 • Resolution: 5 ‘ CHx_NTC_TempDerate5_cfg ’ : • Range: 100 - 135 • Resolution: 5 NTC bright derating range and resolution setting: ‘ CHx_NTC_BrightDerate1/2_cfg ’ : • Range: 0% - 15% • Resolution: 5% ‘ CHx_NTC_BrightDerate3_cfg ’ : • Range: 0% - 35% • Resolution: 5% ‘ CHx_NTC_BrightDerate4_cfg ’ : • Range: 0% - 75% • Resolution: 5% ‘ CHx_NTC_BrightDerate5_cfg ’ : • Range: 0% - 100% • Resolution: 5%			

Filipino 2025-12-18 10:01:12 AM Derating Curve Example		
NOTE: If lighting function is deactivated by thermal derating(' CHx_NTC_BrightDerate5_cfg ' = 100%), a 5 ° C hysteresis should be applied when the function recover.		
子任务:		
功能 # 2749: Ford_SWER_0049_0001 : Output Thermal Derating Curve D...	已关闭	
功能 # 2750: Ford_SWER_0049_0002 : Output Thermal Derating Curve F...	已关闭	

历史记录

#1 - 2024-10-25 10:01 - 涛 陆
完成

#2 - 2024-11-01 13:05 - 玉洁 金

- 文件 clipboard-202411011305-zfbvh.png 已添加
- 描述 已更新。

#3 - 2024-11-05 14:41 - 涛 陆

- 描述 已更新。

#4 - 2024-11-12 09:41 - 玉洁 金

- 文件 clipboard-202411120940-kilai.png 已添加
- 主题 从 Ford_SYSR : FS_REQ0049_V1 Output Thermal Derating curve 变更为 Ford_SYSR : FS_REQ0049_V2 Output Thermal Derating curve
- 描述 已更新。
- 状态 从 新建 变更为 进行中

#5 - 2024-11-19 10:44 - 斌 徐

- 状态 从 进行中 变更为 已关闭

#6 - 2025-04-14 09:12 - 玉洁 金

- 文件 clipboard-202504140912-wvh4f.png 已添加
- 描述 已更新。

文件			
clipboard-202410241846-uritw.png	13.5 KB	2024-10-24	玉洁 金
clipboard-202411011305-zfbvh.png	13.5 KB	2024-11-01	玉洁 金
clipboard-202411120940-kilai.png	405 Bytes	2024-11-12	玉洁 金
clipboard-202504140912-wvh4f.png	13.5 KB	2025-04-14	玉洁 金