FORD LDM Localization - 功能 #2536

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

Ford_SYSR：FS_REQ0016_V3 PWM output configuration

2024-10-24 17:54 - 玉洁 金

状态:	已关闭	**开始日期:**	2024-10-29
优先级:	普通	**计划完成日期:**	2024-11-14
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

The LDM shall have 4 PWM outputs capable of controlling any of the following functions via configure parameter ‘ PWMx_Function_Assign_cfg ’:

- 0x00: PWM unused.
- 0x01: Follow LB request
- 0x02: Follow HB request
- 0x03: Follow TI/Hazard request
- 0x04: Follow DRL1 request(To be activated to DRL request and follow DRL bright/dim/off modes. Dim Duty Cycle in park mode, full intensity on DRL_Rqst. Follow performance control for TI activation)
- 0x05: Follow DRL2 request(To be activated to DRL request and follow DRL bright/dim/off modes. Dim Duty Cycle in park mode, full intensity on DRL_Rqst. Follow performance control for TI activation)
- 0x06: Follow Licoln Lit Star
- 0x07: Follow Front Fog(Follow Front Fog trigger strategy)
- 0x08: Follow Cornering light(Follow Cornering trigger strategy)
- 0x09: Side Marker(Follow Side Marker trigger strategy)
- 0x10: Follow Static Bending light(Follw Static Bending trigger strategy)
- 0x11-0x15: Reserved

The PWM output shall be activated immediately from 0% to ‘ PWMx_Target_Duty_Cycle_cfg ’ when the corresponding function is requested.

子任务:

功能 # 2773: Ford_SWER_0016_0001:PWM output configuration(Datase...	**已关闭**
功能 # 2774: Ford_SWER_0016_0002:PWM output configuration(Datase...	**已关闭**
功能 # 2778: Ford_SWER_0016_0003:PWM output configuration(APP PW...	**已关闭**
功能 # 2779: Ford_SWER_0016_0004:PWM output configuration(APP PW...	**已关闭**
功能 # 2786: Ford_SWER_0016_0005:PWM output configuration(APP PW...	**已关闭**
功能 # 2788: Ford_SWER_0016_0006:PWM output configuration(APP PW...	**已关闭**
功能 # 2789: Ford_SWER_0016_0007:PWM output configuration(APP PW...	**已关闭**
功能 # 2792: Ford_SWER_0016_0008:PWM output configuration(APP PW...	**已关闭**
功能 # 2803: Ford_SWER_0016_0009:PWM output configuration(APP PW...	**已关闭**
功能 # 2806: Ford_SWER_0016_0010:PWM output configuration(APP PW...	**已关闭**
功能 # 2807: Ford_SWER_0016_0011:PWM output configuration(APP PW...	**已关闭**
功能 # 2808: Ford_SWER_0016_0012:PWM output configuration(APP PW...	**已关闭**
功能 # 2810: Ford_SWER_0016_0013:PWM output configuration(APP PW...	**已关闭**
功能 # 2813: Ford_SWER_0016_0014:PWM output configuration(APP PW...	**已关闭**
功能 # 2815: Ford_SWER_0016_0015:PWM output configuration(APP PW...	**已关闭**
功能 # 2819: Ford_SWER_0016_0016:PWM output configuration(Datase...	**已关闭**

历史记录

#1 - 2024-10-25 09:33 - 涛 陆

部分完成

#2 - 2024-10-25 10:52 - 玉洁 金

The LDM shall have 4 PWM outputs capable of controlling any of the following functions via configure parameter ‘ PWMx_Function_Assign_cfg ’:

- 0x00: PWM unused.
- 0x01: Follow LB request
- 0x02: Follow HB request
- 0x03: Follow TI/Hazard request

- 0x04: Follow DRL1 request(To be activated to DRL request and follow DRL bright/dim/off modes. Dim Duty Cycle in park mode, full intensity on DRL_Rqst. Follow performance control for TI activation)
- 0x05: Follow DRL2 request(To be activated to DRL request and follow DRL bright/dim/off modes. Dim Duty Cycle in park mode, full intensity on DRL_Rqst. Follow performance control for TI activation)
- 0x06: Follow Licoln Lit Star
- 0x07: Follow Front Fog(Follow Front Fog trigger strategy)
- 0x08: Follow Cornering light(Follow Cornering trigger strategy)
- 0x09: Side Marker(Follow Side Marker trigger strategy)
- 0x10: Follow Static Bending light(Follw Static Bending trigger strategy)
- 0x11-0x15: Reserved

The PWM output shall be activated immediately from 0% to ‘ PWMx_Target_Duty_Cycle_cfg ’ when the corresponding function is requested.

The PWM avtivation and output voltage shall base on module power supply, as functional voltage range 7-18V.

#3 - 2024-11-27 10:19 - 斌 徐

- 状态 从 新建 变更为 已关闭

#4 - 2025-04-15 09:07 - 玉洁 金

- 主题 从 Ford_SYSR：FS_REQ0016_V2 PWM output configuration 变更为 Ford_SYSR：FS_REQ0016_V3 PWM output configuration

标题V2更改为V3