

Release Notes for SPC1068 Standard Peripherals Library Drivers

V1.3.0/ 23-Aug-2022

Main Changes

1. Bug Fix

- spc1068_reg.h/spc1068_bitfield.h/spc1068.svd/spc1068.SFR
 - Modify PGACHCTL1_BIT_CHSEL0N_TEST(GPIO25) to PGACHCTL1_BIT_CHSEL0N_ATEST(GPIO24)
 - Modify the width of UARTFOR.BYTECNT register bit-field
 - Hide the UARTISR.XMODE register bit-field

2. Other Change

- pwm.c
 - Modify PWM_ComplementaryPairChannellInit()
 - Modify PWM_SingleChannellInit()
- flash.h/.c
 - Rename to spc1068_flash.h/.c
- Example Code
 - Modify Template

V1.2.0/ 5-February-2021**Main Changes**

- clock.h/.c
 - Add 3 macro definitions: *__RCO0_CLOCK*, *__RCO1_CLOCK* and *PLL_MAX_FREQ*.
 - Update member values of enum definition: *CLOCK_ModuleEnum*, *CLOCK_HCLKSelEnum*.
 - Update 1 macro function: *CLOCK_MODULECTL()*.
 - Update 4 functions for controlling module clocks: *CLOCK_GetModuleClk()*, *CLOCK_GetModuleDiv()*, *CLOCK_EnablePWMMModule()* and *CLOCK_GetPWMMModuleDiv()*.
 - Update 4 functions for clock initialization: *CLOCK_Init()*, *CLOCK_InitWithRCO()*, *CLOCK_PLLConfig()* and *CLOCK_PLLQuickConfigWithRCO()*.
 - Remove 1 macro definition: *RCO_CLOCK_HZ*.
 - Remove 5 global variables: *_XO_CONNECTED_FLAG*, *gau32PLL_Array*, *gau8HCLK_DIV_Array*, *gau8PCLK_DIV_Array* and *gau8ADC_DIV_Array*.
- comp.h/.c
 - Update 1 function: *COMP_SetDeglitchTimeNs()*.
- flash.h/.c
 - Update 4 functions for compatible with SPC1068G OTP operation: *FLASH_EraseOTP()*, *FLASH_ReadOTP()*, *FLASH_WriteOTP()* and *FLASH_LockOTP()*.
 - Update member values of *FLASH_ProtectionEnum* definition.
- wdt.c
 - Update 1 function: *WDT_Init()*.
- ssp.c
 - Update 2 functions: *SSP_Init()* and *SSP_InitEasy()*.
- spc1068_bitfield.h
 - Update *UARTLCR.WLS* and *UARTLCR.STB* label definitions.
 - Rename macro definition *ADCSOCxCTL_YYYYY* to *ADCSOCCTLx_YYYYY* (x= 0~15).
- startup_spc1068.s
 - Update *Reset_Handler()* and add code to reset stack pointer.

V1.1.1/ 6-June-2019**Main Changes**

- adc.h
 - Update 1 macro function: ADC_GetTrimResult1().
- clock.h
 - Update 1 macro definition: CLOCK_MODULECTL().
- gpio.h
 - Update 1 macro function: PINMUX_GPIO().
- spc1068.h
 - Rename macro function abs() to ABS().
- Support IAR EW for ARM.

V1.1.0/ 9-August-2018

- Created.