Release Notes for SPC1068 Standard Peripherals Library Drivers

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_EnablePWMModule() and CLOCK_GetPWMModuleDiv().
  - 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.