SLCR 接口函数

1. *void FSlcrPs_setBitTo0(u32 baseAddr, u32 offSet,u32 bit_num)*

描述	* This function set a bit of the register to 0
参数	* @param * baseAddr -- the base address of the register which is to be modified * offSet -- the base address of the register which is to be modified * bit_num -- this bit of the register is to be modified
返回值	* @return Null

2. *void FSlcrPs_setBitTo1(u32 baseAddr, u32 offSet,u32 bit_num)*

描述	* This function set a bit of the register to 1
参数	* @param * baseAddr -- the base address of the register which is to be modified * offSet -- the base address of the register which is to be modified * bit_num -- this bit of the register is to be modified
返回值	* @return Null

3. *void FSlcrPs_lock(void)*

描述	* This function write the lock key 0xDF0D767B to protect the slcr registers.
参数	* @param Null
返回值	* @return Null.

4. void FSlcrPs_unlock(void)

描述	* This function write the unlock key 0xDF0D767B to enable writes to the slcr registers.
参数	* @param Null
返回值	* @return Null.

5. void FSlcrPs_softRst(u32 soft_rst_en)

描述	* This function enable/unable the pss soft_rst.
参数	* @param * soft_rst_en -- 0:unable soft_rst;1:enable soft_rst
返回值	* @return Null.

6. void FSlcrPs_ipSetRst(u32 rst_id, u32 rst_mode)

描述	*This function set reset of the given IP feature.
参数	* rst_id -- the address of reset_ctrl register * rst_mode -- the reset mode of the ip feature
返回值	* @return Null.

7. void FSlcrPs_ipReleaseRst(u32 rst_id, u32 rst_mode)

描述	*This function release reset of the given IP feature.
参数	* rst_id -- the address of reset_ctrl register * rst_mode -- the reset mode of the ip feature
返回值	* @return Null.

8. *void FSlcrPS_regRead ()*

描述	*This function read the data of the given slcr address and printf it out.
参数	* @param Addr -- the exist address of slcr module
返回值	* @return Null

9. *void FSlcrPS_rsvRegPrint (void)*

描述	* This function read all the data of the slcr address and print them out
参数	* @param Null
返回值	* @return Null

10. *void FSlcrPS_setI2CLoop (void)*

描述	* This function loop I2C0's outputs to I2C1's inputs,and I2C1's outputs to * I2C0's inputs
参数	* @param loop_en -- 0:connect I2C inputs according to MIO mapping;1:set the loop
返回值	* @return Null

11. *void FSlcrPS_setCanLoop (void)*

描述	* This function loop CAN0's Tx to CAN1's Rx,and CAN1's Tx to CAN0's Rx.
参数	* @param loop_en -- 0:connect I2C inputs according to MIO mapping;1:set the loop
返回值	* @return Null

12. *void FSlcrPS_setUartLoop (void)*

描述	* This function loop UART0's Tx to UART1's Rx,and UART1's Tx to UART0's Rx.

参数	* @param loop_en -- 0:connect I2C inputs according to MIO mapping;1:set the loop
返回值	* @return Null

13. void FSlcrPS_setSpiLoop (void)

描述	* This function loop SPI0's outputs to SPI1's inputs,and SPI1's outputs to * SPI0's inputs
参数	* @param loop_en -- 0:connect I2C inputs according to MIO mapping;1:set the loop
返回值	* @return Null