User guides for the ShutDown & WakeUpProcess example code

1. Please press the IOA.0 Key to enter Shut down mode.
2. Set IOA[7:0] as Key wake up source
3. Before entering the shutdown mode, the data and status values ​​required after wake up will be temporarily stored in the StoreStatus declared by the SRAM, and written to the address SPIFlashWritePtr (default: 0x0020,0000) of the SPI flash again.
4. Please press any key of IOA[7:2] to wake up the system
5. When the system wakes up, it will first check which key(IOA[7:2])to wake up the system, and display the status on IOA[23:16] (please plug-in LEDs). Users can according to different wake up source and to do corresponding processing.
6. It will read out the SPIFlashWritePtr data and status value stored in the SPI flash, and store it in the TestTemp declared by the SRAM, and display the contained value on IOA[15:8] (please plug-in LEDs)

Example code用法:

在進入shut down mode之前,會將相關資料及狀態值寫入SPI flash. 待系統喚醒後,會將儲存在SPI flash上的相關資料讀出,並針對Wake up source進行判別,讓User可以做相對應處理.

1. 請按IOA.0 Key讓進入Shut down mode.
2. 目前設定IOA[7:0]作為Key wake up source
3. 在進入shut down mode之前,會將Wake up後需要的資料及狀態值暫存在SRAM宣告的StoreStatus內,再一次寫入到SPI flash的address SPIFlashWritePtr(default: 0x00200000)內
4. 請按IOA[7:2]任一鍵wake up系統
5. 當系統被喚醒後,會先Check 是IOA[7:2]中的哪一個按鍵喚醒,並將狀態顯示在IOA[23:16] (請接LED),User可以依照不同的Wake up source作相對應處理.
6. 會將儲存在SPI flash內的SPIFlashWritePtr資料及狀態值讀出,並暫存在SRAM宣告的TestTemp內,並將內含值顯示在IOA[15:8](請接LED)