

# **Power Management Unit Driver User Guide V1.00.01**

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## *DrvPMU\_DeepPowerDown*

```
void DrvPMU_DeepPowerDown(uint32_t u32DPDWakeupMode, uint32_t
u32TimerSel);
```

## Entering in Deep Power Down mode

u32DPDWakeupMode: PIN&OSC10KWAKEUP=0      OSC10KWAKEUP=1  
                                PINWAKEUP=2   NOWAKEUP=3  
u32TimerSel: 128MS=1   256MS=2   512MS=4   1S=8

Driver/DrvPMU.h

None

## Prototype

```
void DrvPMU_StandbyPowerDown(void);
```

## Entering in Standby Power Down mode

None

Driver/DrvPMU.h

None

## Prototype

```
void DrvPMU_Stop(void);
```

## Entering in Stop mode

## Parameter



None

**Include**

Driver/DrvPMU.h

**Return Value**

None

***DrvPMU\_DeepSleep***

**Prototype**

void DrvPMU\_DeepSleep(void);

**Description**

Entering in Deep Sleep mode

**Parameter**

None

**Include**

Driver/DrvPMU.h

**Return Value**

None

***DrvPMU\_GetVersion***

**Prototype**

int32\_t DrvPMU\_GetVersion(void);

**Description**

Get the version number of PMU driver.

**Include**

Driver/DrvPMU.h

**Return Value**

Version number :

31:24	23:16	15:8	7:0
00000000	MAJOR_NUM	MINOR_NUM	BUILD_NUM

## 2. Revision History

Version	Date	Description
1.00.01	Mar. 2011	Preliminary Power Management Unit Driver User Guide of ISD9160