

PXA270 resume from GPIO

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<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2008-09/msg00139.html>

- *From:* PaoloC <PaoloC@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 6 Sep 2008 10:01:04 -0700
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Hi all,

I am working on suspend/resume function on WinCE 5.0.

Currently I am able to resume from sleep or deep sleep states using RTC, just setting PWER[WERTC] bit and programming an alarm in RTC.

I am in trouble with GPIO1 & keyboard resume (keyboard from sleep state only).

I set the following bits in power manager registers:

PKWR[WE93-102] keyboard wakeup enable register for my keypad input GPIOs

PWR[WE1], PRER[RE1] for GPIO1 raising edge wakeup

PWER[WERTC] for RTC wakeup

PCFR[RO] to enable all GPIO receivers in [deep]sleep state

Then enter sleep power mode (0x03).

RTC wakes me after the configured delay, no way to wakeup before RTC alarm with GPIO or keypress :-(

Any suggestion about some other required bit will be highly appreciated.

Best regards,

PaoloC

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