

Begin

Prepare Time Field

Set RTC_CR.UPDTIM and
RTC_CR.UPDCAL

Read RTC_SR

ACKUPD
= 1?

No

Polling or
Interrupt
(if enabled)

Yes

Clear RTC_SR.ACKUPD by
writing a '1' to RTC_SCCR.ACKCLR

Update Time value in
RTC_TIMR

Clear RTC_CR.UPDTIM and
RTC_CR/UPDCAL

End

