

Begin

Prepare Time or Calendar Fields

Set RTC_CR.UPDTIM and/or
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 and/or Calendar values in
RTC_TIMR/RTC_CALR

Clear RTC_CR.UPDTIM and/or
RTC_CR.UPDCAL

End

