十速科技股份有限公司
tenx technology inc.

PRODUCT NAME
TM87 series

TITLE
BCF flag

APPLICATION NOTE

Whether BCF flag (BCF) is in CLEAR(0) or SET (1) will affect the amplitude of output frequency of Crystal oscillator (but it will not affect output frequency). Moreover, it takes a long period of time for the Crystal oscillator to reach the steady oscillation state from stopped condition. If BCF flag setting is changed to 0 before the Crystal oscillator reach the steady oscillation state, it may easily cause the stop of Crystal oscillator.

Therefore, if there is a need to change the setting of BCF flag, please pay attention to the following items:
1. When the reset cycle elapsed, wait at least 500mS before clearing BCF flag to 0, if needed.
2. After the STOP mode is released, wait for 500mS to clear BCF flag to 0, if needed.