Use the same mode for the two timers..

6. Boot Process - Upper 2Kbytes Execution with BLJB = 0

In case of Boot process with BLJB = 0 and BSB = 00, the User Application is executed but the program space located in the upper 2KBytes of the 64KBytes on chip Flash memory cannot be executed. This is due to ENBOOT bit which is set in this Bootloader flow.

Workaround

Clear ENBOOT bit at the beginning of user application software.

7. Flash/EEPROM - First Read after Load Disturbed

In the 'In-Application Programming' mode from the Flash, if the User software application loads the Column Latch Area prior to calling the programming sequence in the UART Bootloader.

The 'Read after load' issue leads to a wrong Opcode Fetch during the column latch load sequence.

Workaround

Update of the Flash API Library. A NOP instruction has to be inserted after the load instruction.

```
MOVX @DPTR,A ;Load Column latches
NOP ; ADDED INSTRUCTION
```

Active UART Bootloader Errata List

- **API program Data Byte - Incorrect Return Value**
- **API program Data Page - Incorrect Return Value**

UART Bootloader Errata History

Version Number	Errata List
0.0 (1.0.0 displayed by FLIP)	1,2

UART Bootloader Errata Description

1. **API Program Data Byte - Incorrect Return Value**

   The PROGRAM DATA BYTE API returns the '0xXX' instead of 0x00 in ACC, but the programmnig operation is sucessfully completed.

2. **API Program Data Page- Incorrect Return Value**

   The PROGRAM DATA PAGE API returns the '0xXX' instead of 0x00 in ACC, but the programmnig operation is sucessfully completed.

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