



PRODUCT NAME

TM87 Series

TITLE

How to keep the content of data RAM while program entered RESET cycle.

APPLICATION NOTE

In TM87 series MCUs, the content of data RAM (specified in 00h, 10h, 20h, 30h ... addresses) will be disturbed when MCU entering reset cycle(*Note-1*).

When the application need to keep the content of data RAM in reset cycle, please don't store those data in the specified addresses that mentioned above.

But TM87 series MCUs doesn't guarantee such application could keep the content of data well while the MCU released from reset cycle. Please try your best to avoid this application, and in case other uncertain factors happened.

Note-1:

Reset cycle could be triggered by RESET pin actived, Watch dog timer overflow and Key Reset actived.