Stop-Mode Recovery Operation

The operation of the Stop-Mode Recovery pin on the Z8E000 and Z8E001 devices differs from the recovery pin on Z8ICE000ZEM and Z8ICE010ZEM emulators. The Z8E000 and Z8E001 devices require a High-to-Low transition to wake-up the Z8 from STOP mode and enter it into RESET mode. A subsequent Low-to-High transition commences code execution. The emulator requires only a High-to-Low transition to wake-up the Z8 and commence code execution.

▶ **Note:** For details on the parameters in Figures 1 and 2, please see the ZiLOG Product Specifications for the Z8E000 and Z8E001 parts.
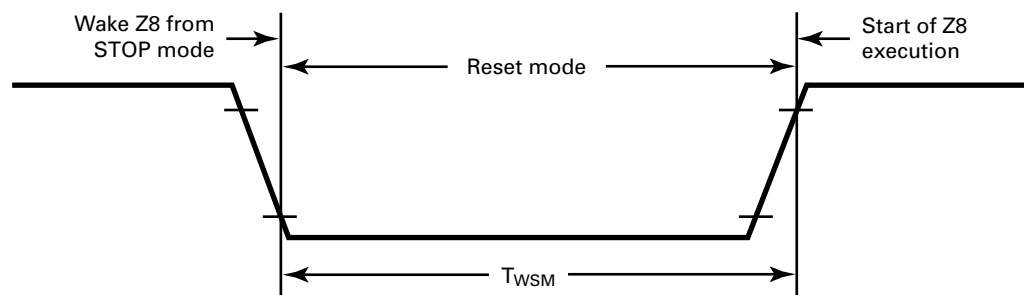

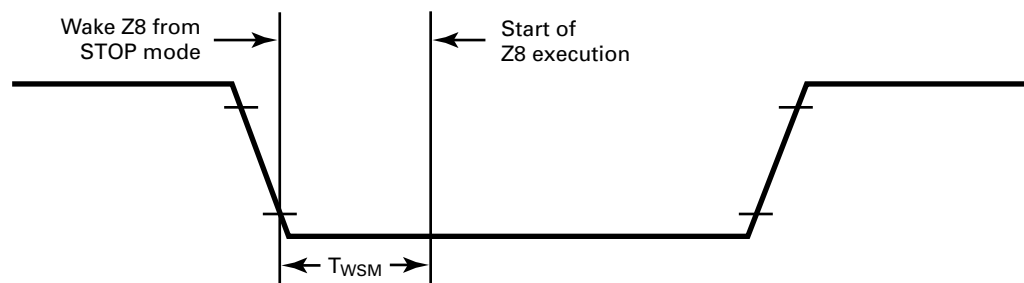**Figure 1. Timing of Z8E000 and Z8E001 Devices**

Figure 2. Timing of Z8ICE000ZEM and Z8ICE010ZEM Devices

Additional Information

The following documents provide additional information on Z8Plus devices:

• Product Specifications:

  – Z8E000

  – Z8E001

- User Manual:
    - Z8Plus User Manual
- Emulator Specifications:
    - Z8ICE000ZEM
    - Z8ICE010ZEM

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