

Important Notices

Thank you for your continued patronage of Toshiba microcontrollers.

This page gives you important information on using Toshiba microcontrollers. Please be sure to check each item for proper use of our products.

► Datasheet Modifications: Interrupt controller (March 2005)

*If your datasheet is dated 23 August 1999 or earlier, please download the latest datasheet or request it from your local Toshiba office.

**Toshiba Microcontrollers 870 Family
(TMP87PH00) (TMP87PM20) (TMP87PM40) (TMP87PM40A) (TMP87PM70) (TMP87PP71)**

Dear Customer

March 2005

Note on Using the TLCS-870 Series OTP Products

With regard to the TLCS-870 Series OTP microcontrollers listed above, the following problem has been identified. If this issue presents you with any problem, please contact your local Toshiba sales office.

[Problem]

When the power supply start-up is over 10ms, a maximum of approximately 25 μ A of DC current may pass through the OTP control circuit in some rare cases. On these rare occasions, the supply current values in SLOW, SLEEP and STOP modes cannot meet the values specified in the technical datasheet.

There is no problem in other DC characteristics, and operational functions and mask ROM products.

[Alternative products]

When a set can be developed newly, we will recommend the following alternate products.

Object products	Alternative products
TMP87PH00	TMP86PM49
TMP87PM20	TMP87PM21
TMP87PM40	TMP86PM49
TMP87PM40A	TMP86PM49
TMP87PM70	TMP86PM74A
TMP87PP71	TMP87PS71A