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瑞萨电子公司

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7544 群

定时器 X 运行（定时器模式）

要点

这是定时器 X 的定时器模式的应用例子。

动作确认器件

本资料说明的应用例子适合下列单片机和使用条件：

- 单片机：7544 群

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1. 应用例子的说明

■要点

由定时器分频时钟，每250ms进行一次计时处理。

■说明

由定时器分频 $f(XIN)=4.19\text{MHz}$ (2^{22}Hz) 的时钟。在定时器X中断（每250ms产生一次）处理程序中进行计时处理。

运行时钟使用 $f(XIN)=4.19\text{MHz}$ 高速模式。

1.1 定时器的连接和分频比的设定

定时器的连接和分频比的设定如图1所示。

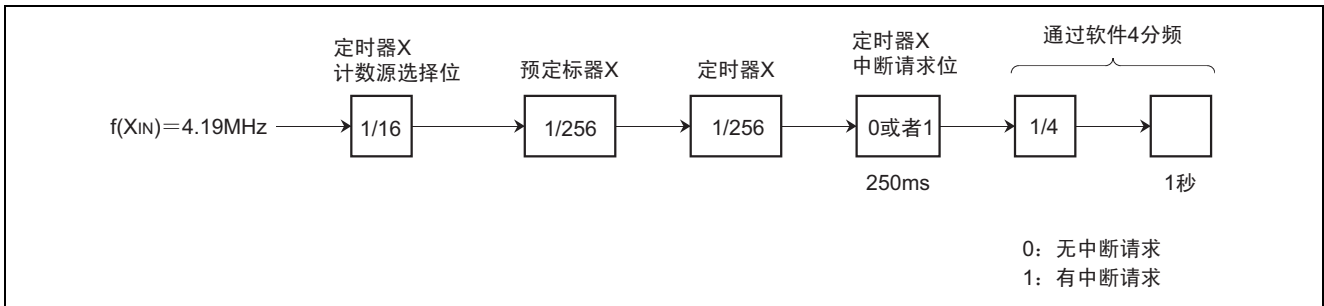


图 1 定时器的连接和分频比的设定

1.2 控制步骤例子

控制步骤例子如图2所示。

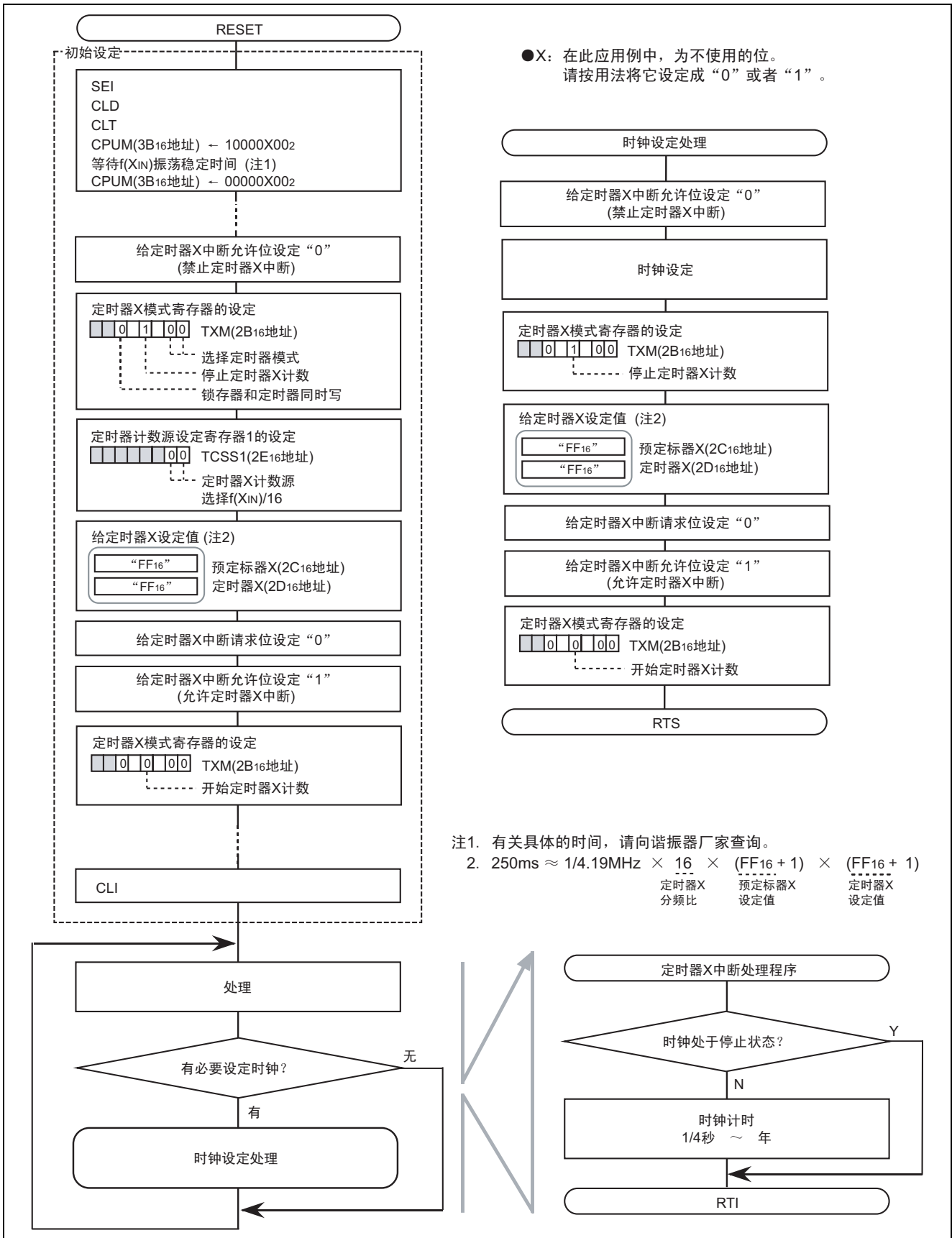


图2 控制步骤例子

2. 参考文献

数据表

7544群数据表（最新版本请从瑞萨科技网页取得）

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修订记录

Rev.	发行日	修订内容	
		页	修订处
1.00	2004.09.15	—	初版发行

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