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7544 群

定时器 X 运行（脉冲输出模式）

要点

这是定时器 X 的脉冲输出模式的应用例子。

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

将定时器X的脉冲输出模式应用于压电蜂鸣器输出。

■说明

从P14/CNTR0管脚输出将时钟 $f(X_{IN})=4\text{MHz}$ 分频成 4kHz 的方波。在压电蜂鸣器输出停止中，将P14/CNTR0管脚的电平固定成“H”电平。

运行时钟使用 $f(X_{IN})=4\text{MHz}$ 倍速模式。

1.1 外围电路例子

外围电路例子如图1所示。

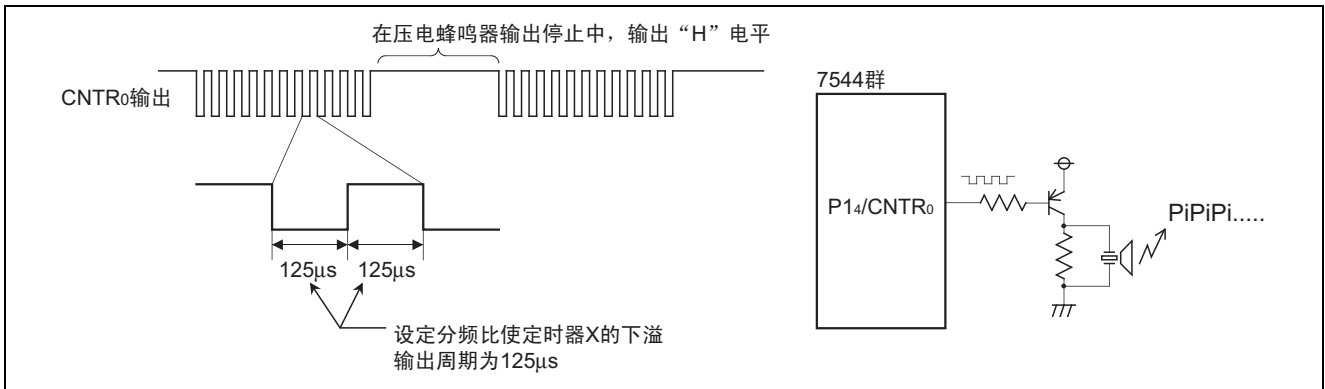


图 1 外围电路例子

1.2 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2所示。

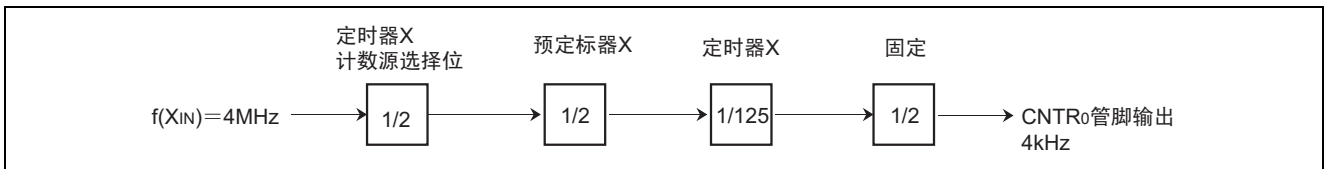


图 2 定时器的连接和分频比的设定

1.3 控制步骤例子

控制步骤例子如图3所示。

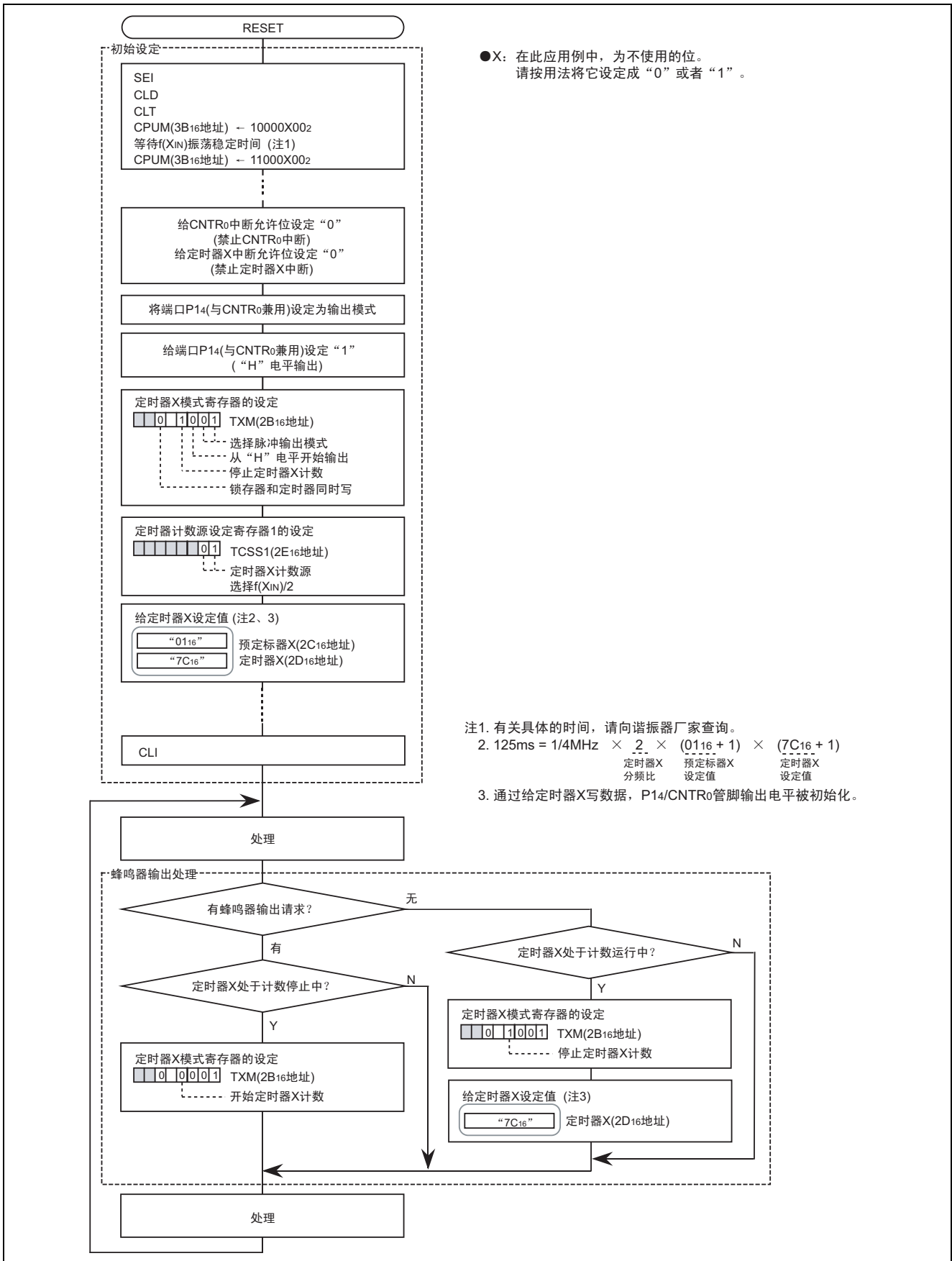


图3 控制步骤例子

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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