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瑞萨电子公司

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7542 群

A/D 转换器

要点

这是将模拟输入电压转换成数字值的应用例子。

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：7542 群

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1. 应用例子的说明

1.1 A/D 转换器的设定方法

A/D转换器的设定方法如图1所示。

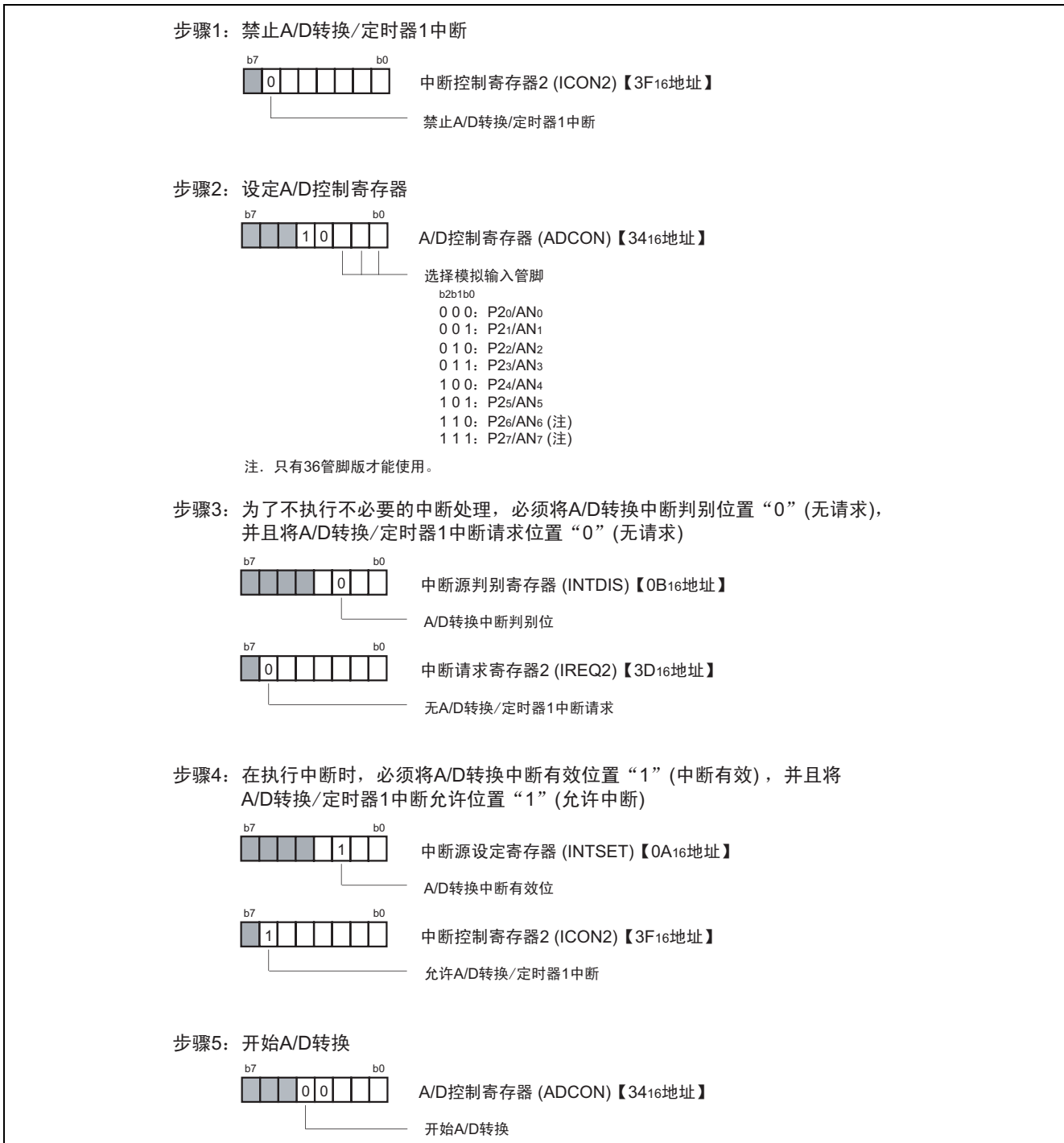


图 1 A/D 转换器的设定方法

1.2 控制步骤例子

■要点

将来自传感器的模拟输入电压转换成数字值。

■说明

将来自传感器的模拟输入电压转换成数字值。将P20/AN0管脚用作模拟输入管脚。

连接图如图2所示，控制步骤例子如图3所示。

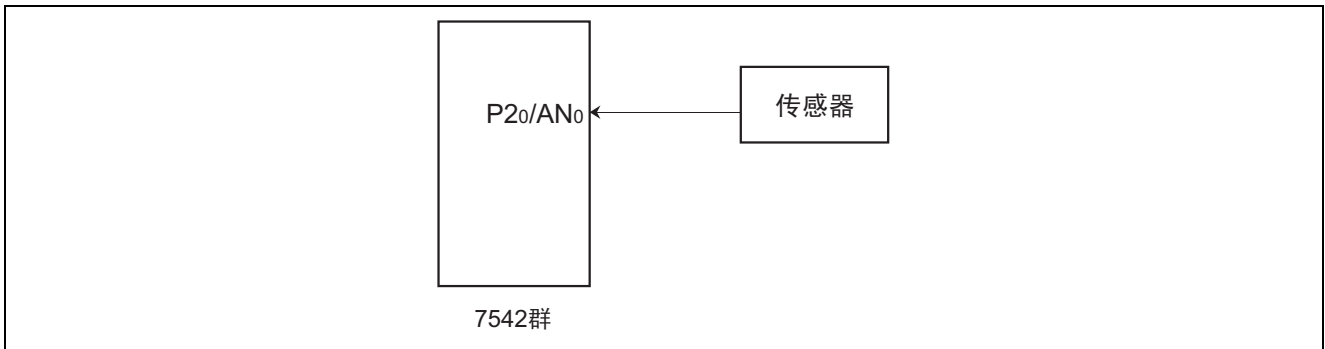


图 2 连接图

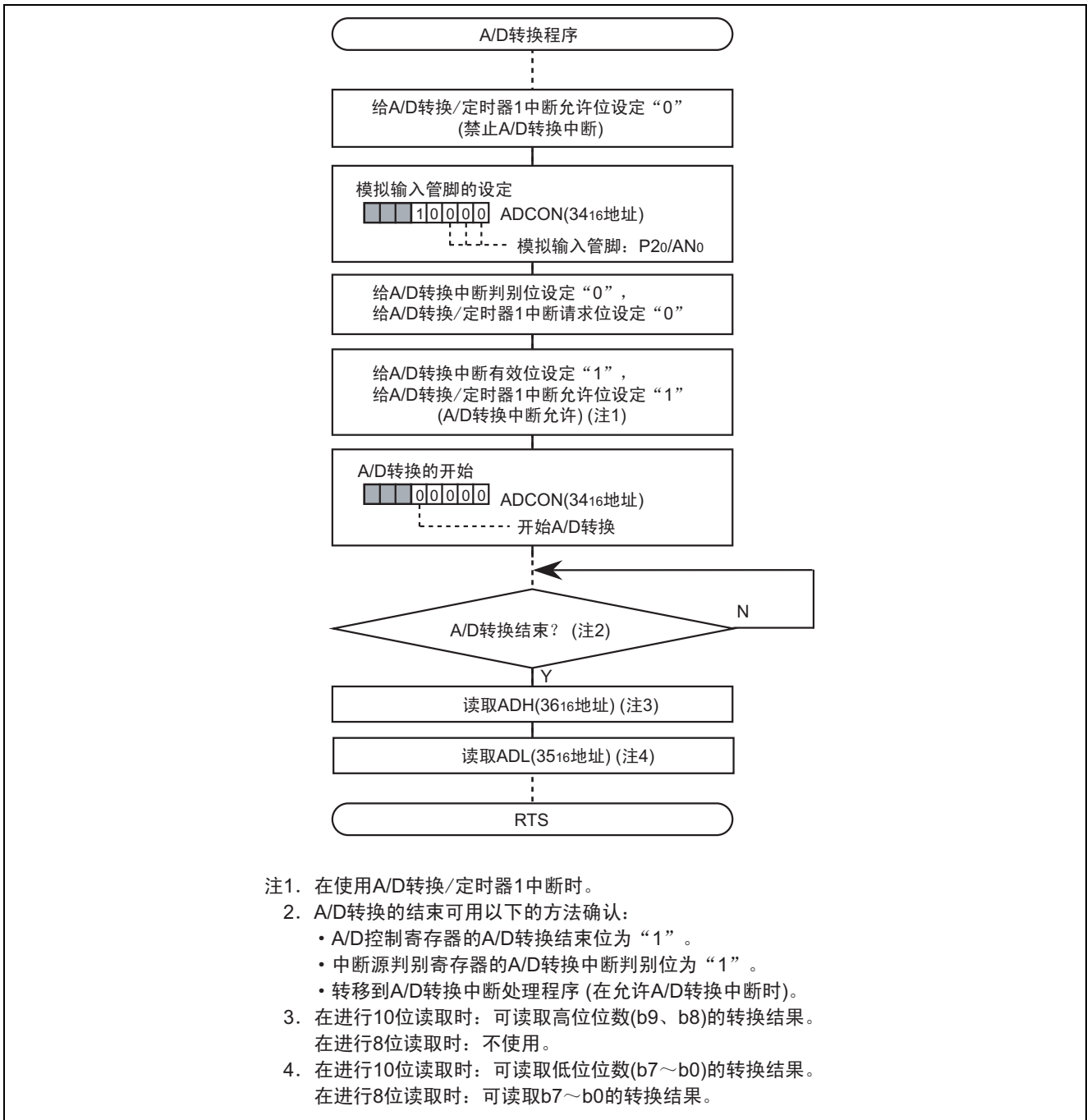


图 3 控制步骤例子

2. 参考文献

数据表

7542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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