

致尊敬的顾客

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瑞萨电子公司网址：<http://www.renesas.com>

2010年4月1日
瑞萨电子公司

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Applications

PLC（电力线通信）

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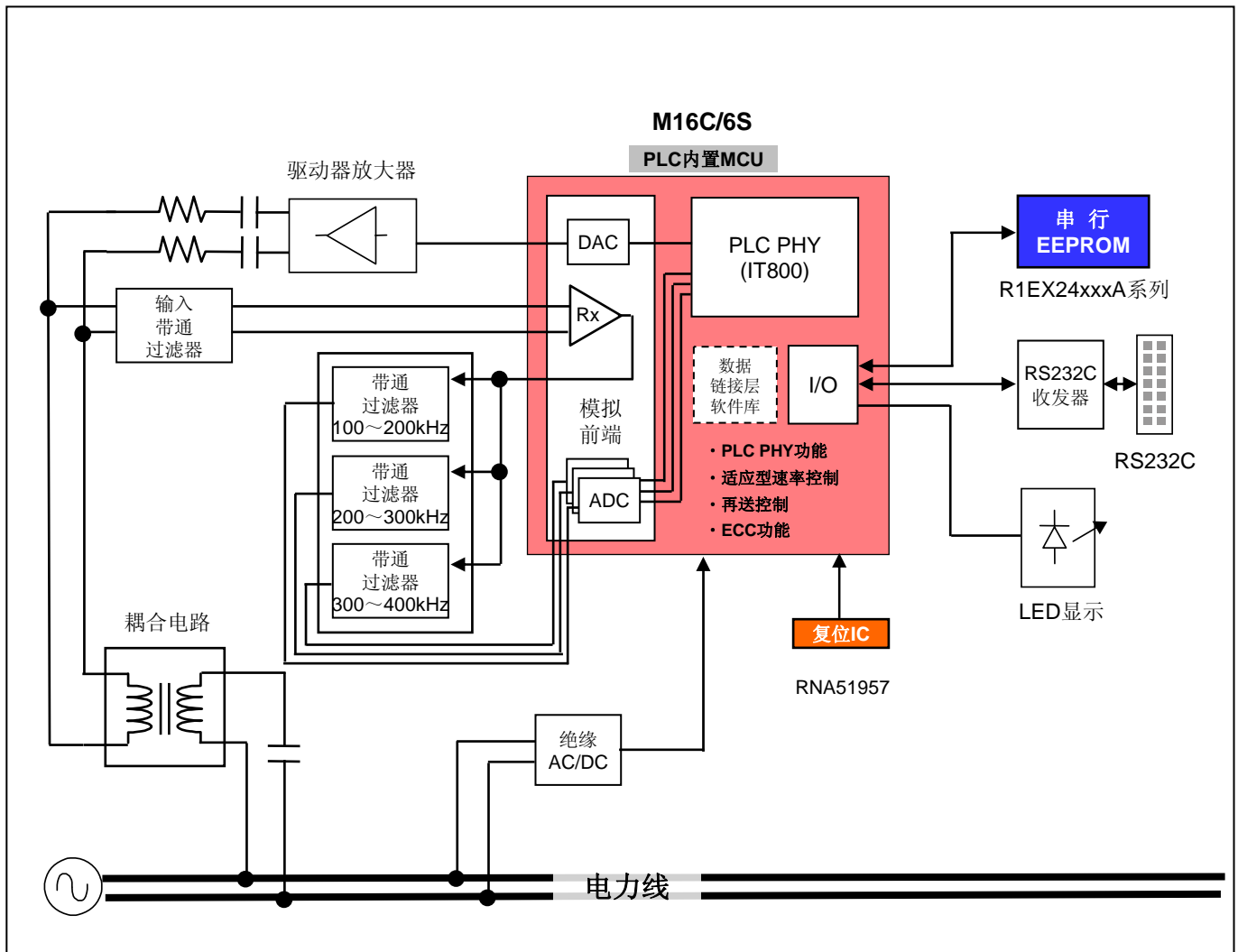
概要

PLC（电力线通信）是除了原有的自动查表（AMR），还能通过电表实现各种屋内设备的控制，作为向泛网时代化・环保化推进的智能表的通信手段而受到关注。

瑞萨提供内置了即时在干扰很多的环境下仍能实现卓越通行性能的PLC Modem电路（YITRAN公司的IT800）、16位CPU（M16C内核）、外围I/O等的单芯片MCU M16C/6S。M16C/6S内置的PLC Modem电路IT800是作为Home Plug Command & Control规格的基本技术被采用。另外，还准备了作为开发工具的PLC评估板、数据链接层及网络层的软件库，以此支持PLC开发。

系统框图

2009年10月最新信息



所推荐的瑞萨元件

2009年10月最新信息

Block	半导体	推荐产品名	特点等
主控制部分	MCU	M16C/6S群	内置YITRAN公司的IT800内核
	EEPROM	R1EX24xxx系列	I ² C总线接口 *1
通用/浪涌吸收 电路保护等	开关二极管	HSM123	3引脚（内有二个元件）表面贴装
MCU外围	复位IC	RNA51957	检测电压可变

*1 I²C : Inter-Integrated Circuit

相关应用手册/参考代码

名称	文档编号
D2DL 参考程序	REJ11B0006-0102

相关软件

名称	文档编号
M16C/6S用数据链接层软件库 D2DL	-

相关评估板

名称	型号名
M16C/6S评估板 (亚洲版)	R0K3306S0D011BR
M16C/6S评估板 (FCC版)	R0K3306S0D010BR

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