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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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二极管


根据二极管的主要用途分类的器件选择表

近年来随着电子应用设备使用范围的扩大，二极管所要求的特性也随之多样化，要保证二极管的所有特性方面，无论是技术上还是经济上都存在困难。

因此，在数据表中所记载的特性仅为典型用途（主要用途）的必要特性（参照图1）。

当然，也可以使用数据表中未记载的用途，但是对于特殊用途，请预先向瑞萨的营业窗口咨询。

对于数据表中未记载的用途，二极管是否适合于一般的应用，请参照表1（仅供参考）。



HVU326C

Variable Capacitance Diode for UHF/VHF tuner

REJ03G0214-0100Z
Rev.1.00
May 11, 2004

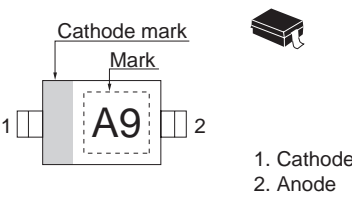
Features

- Low voltage type (tuning voltage 1 to 10 V), it is suitable for ET without DC/DC converter.
- Low series resistance. ($r_s = 0.6\Omega$ max) and good C-V linearity.
- Ultra small Resin Package (URP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Code
HVU326C	A9	URP

Pin Arrangement



1. Cathode
2. Anode

图1 数据表中记载的用途例子

表1 是否适用于主要用途以外的应用（参照）

主要用途	主要用途以外的应用										
	一般检波 调制、解调	高速 开关	高电压 开关	高频 开关（波段 开关）	衰减器、 天线转换	系统 保护	恒定 电压 齐纳	温度 补偿 变阻器	检波、 混频器	整流、 高频整 流	电子 调谐
一般检波 调制、解调	◎	△	△	×	×	△	×	△	○	○	×
高速 开关	○	◎	×	△	×	△	×	△	○	○	×
高电压 开关	○	△	◎	△	×	△	×	△	○	○	×
高频 开关（波 段开关）	×	△	×	◎	×	×	×	△	×	×	×
衰减器、 天线转换	×	×	×	○	◎	×	×	×	×	×	×
系统保护	○	○	×	×	×	◎	×	×	○	×	×
恒定电压 齐纳	×	×	×	×	×	△	◎	△	×	×	×
温度补偿 变阻器	×	×	×	×	×	×	×	◎	×	×	×
检波、 混频器	△	△	×	×	×	×	×	×	◎	×	×
整流、 高频整流	×	×	×	×	×	×	×	×	×	◎	×
电子调谐	×	×	×	×	×	×	×	×	×	×	◎

【注】 ◎：主要用途、○：可使用、△：可在附加条件的情况下使用（请向瑞萨咨询）、×：不可使用

修订记录

Rev.	发行日	修订内容	
		页	修订处
1.00	2008.02.29	—	初版发行

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