

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

【发行】瑞萨电子公司（<http://www.renesas.com>）

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小信号晶体管

晶体管的命名方法

1. 普通晶体管的命名方法

普通晶体管的命名方法是根据日本工业标准 (JIS-C7012) 来制定的。通过登录日本电子信息技术产业协会 (JEITA) 电子器件登录中心，可获得该命名方法。

(例) 2SC 1213 A C
 └─ 1项 2项 3项 ─┘ └─ 4项 ─┘
 JEITA登录型号 瑞萨科技公司特有的后缀符

第1项

表示晶体管的种类、极性和用途等。
主要的文字和类别如下表所示。

第1项的文字	晶体管的种类
2SA	PNP 高频晶体管
2SB	PNP 低频晶体管
2SC	NPN 高频晶体管
2SD	NPN 低频晶体管
2SJ	P 沟道场效应晶体管
2SK	N 沟道场效应晶体管
3SK	具有两个栅极的N沟道场效应晶体管

第2项

该项是根据登录顺序，为第1项中区分开的各个类别提供的大于等于11的序号。
(JEITA 登录号码)

第3项

该项表示第2项以前命名的晶体管的更改，根据更改顺序记录为A、B、C……。原则上，更改后的晶体管可以替换更改前的，但反之则不可以。

以上是JIS所规定的大概内容，但本公司还使用了第4项后面的后缀符，以满足各种客户需求。

第4项

对于同一品种中以特性等来分类的晶体管，追加A、B、C等文字或数字来进行分类。

2. 特殊晶体管的命名方法

对于限定用途的特殊晶体管，使用瑞萨特有的命名方法，详细情况如下所示。

2.1 BBFET（内置偏压电路的双栅极场效应晶体管）的命名方法

(例) BB 504 C DS-
 1项 2项 3项 4项

第1项

表示内置偏压电路的双栅极场效应晶体管。

第2项

根据应用频带，按照下述分类依次命名。

应用频带	号码
UHF 用	由 101 开始的序号
VHF 用	由 301 开始的序号
UHF/VHF 两用	由 501 开始的序号

第3项

表示封装。

M:MPAK-4 C:CMPAK-4

第4项

由于是小型面贴封装，其型号通过符号来表示。
作为标记显示于实际产品上。

2.2 双BBFET的命名方法

(例) TBB 1004 DM
 1项 2项 3项

第1项

表示双BBFET（在一个封装中内置有两个BBFET功能的晶体管）。

第2项

该项为从1001开始依次命名的序号。

第3项

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修订记录

Rev.	发行日	修订内容	
		页	修订处
1.00	2008.01.17	—	初版发行

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