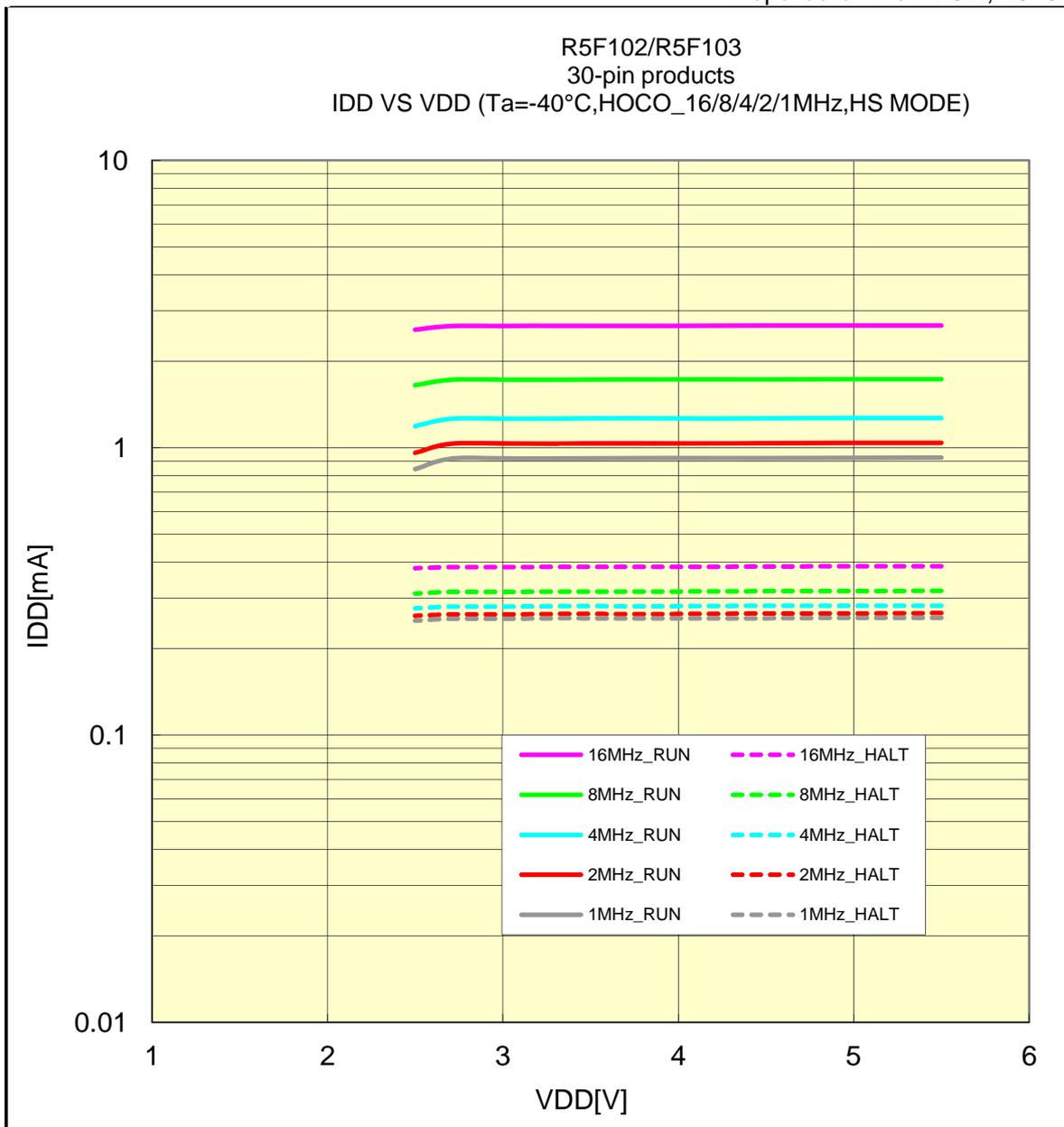


R5F102/R5F103  
30-pin products

IDD VS VDD(-40°C/HOCO\_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

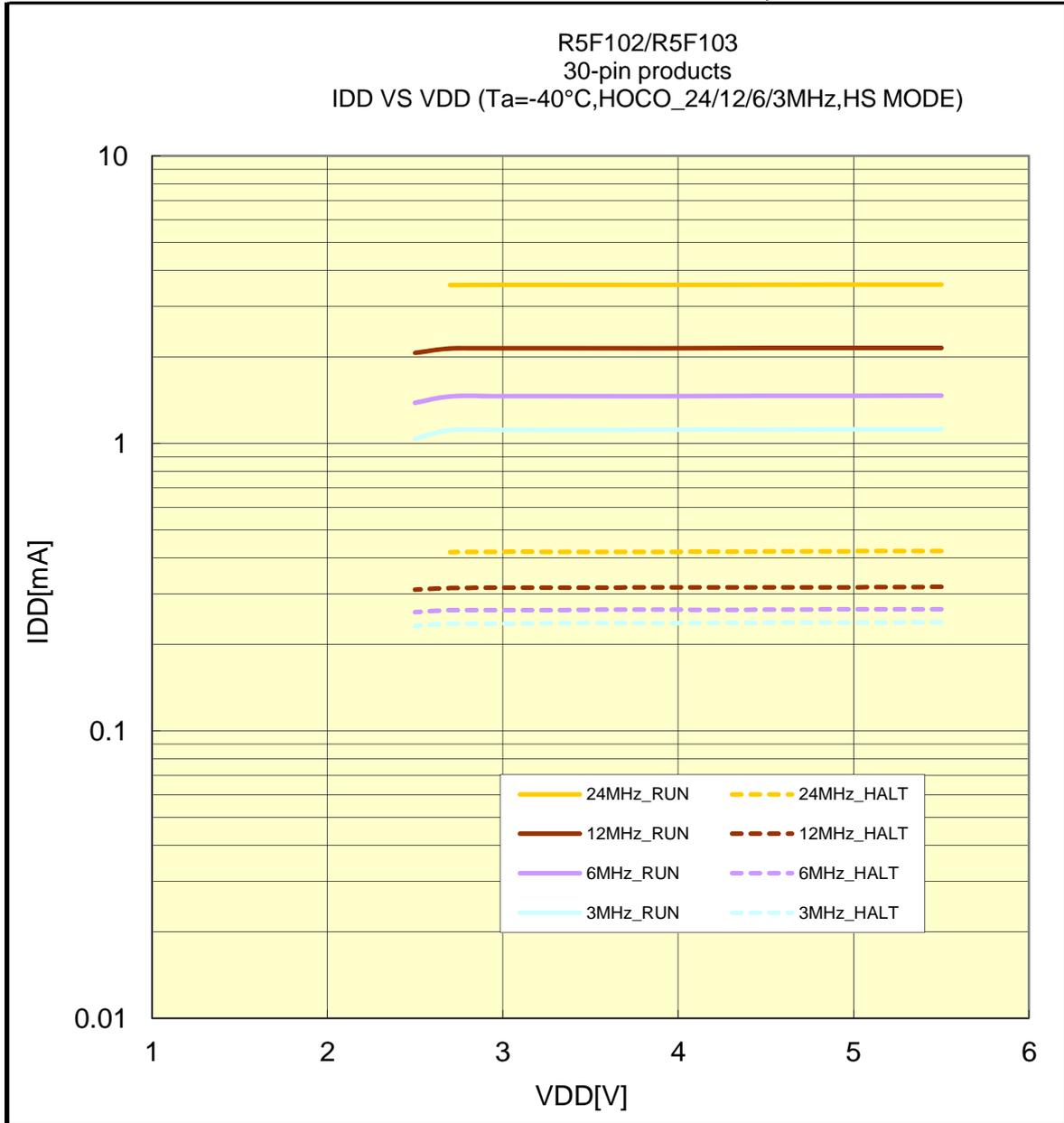


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(-40°C/HOCO\_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

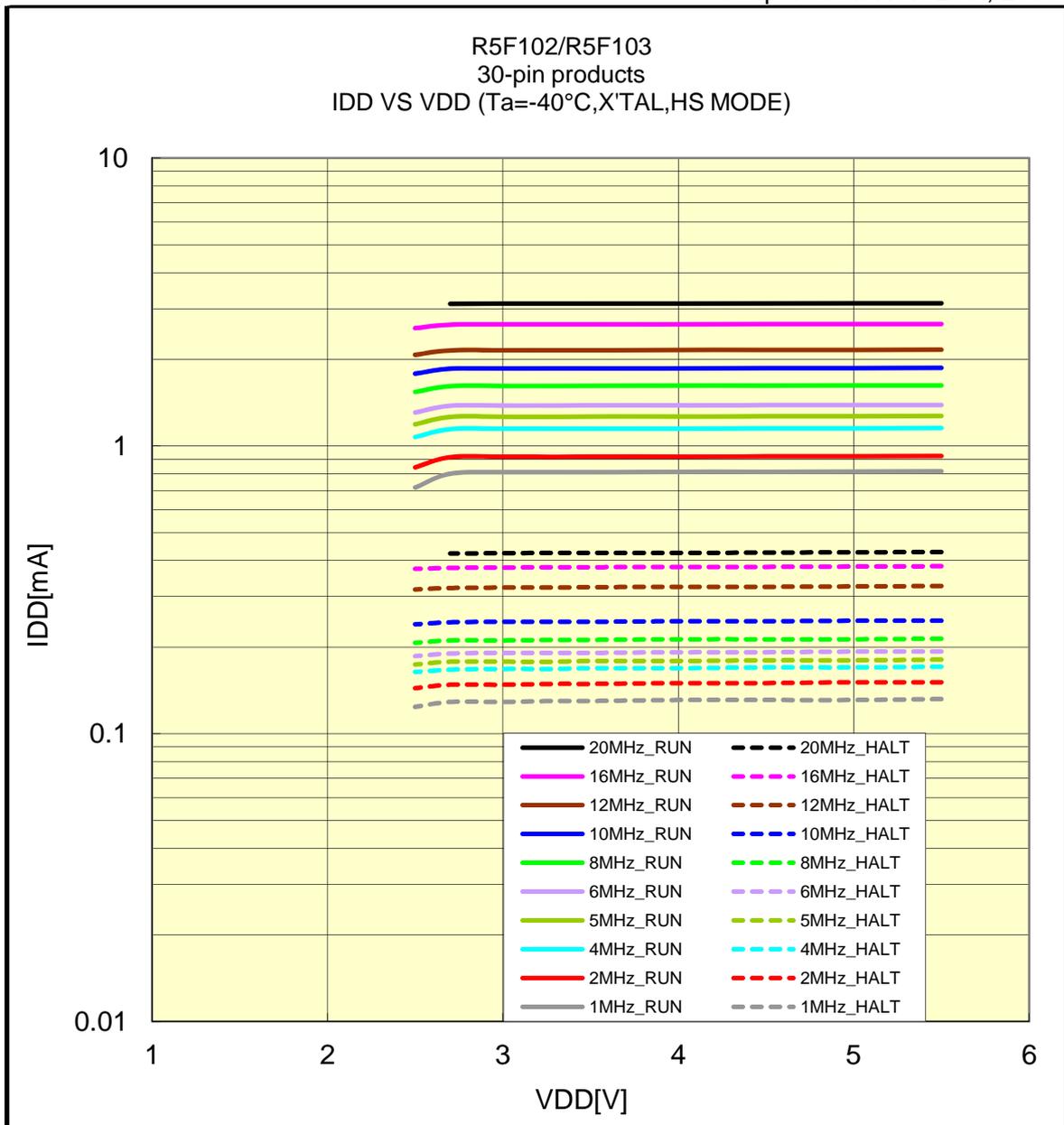


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(-40°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

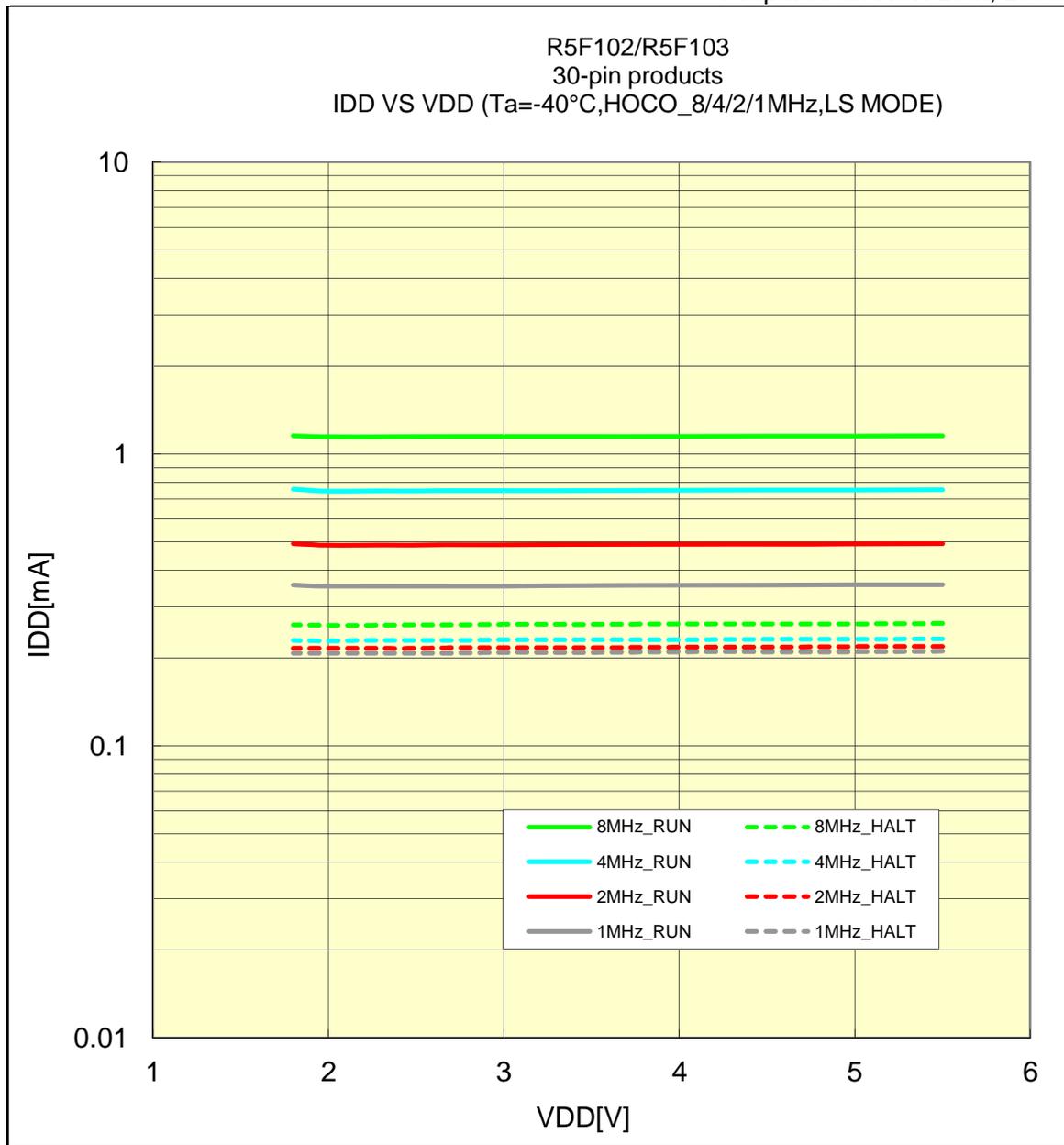


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(-40°C/HOCO\_8/4/2/1MHz/LS MODE)

Prepared on Nov. 25th, 2013

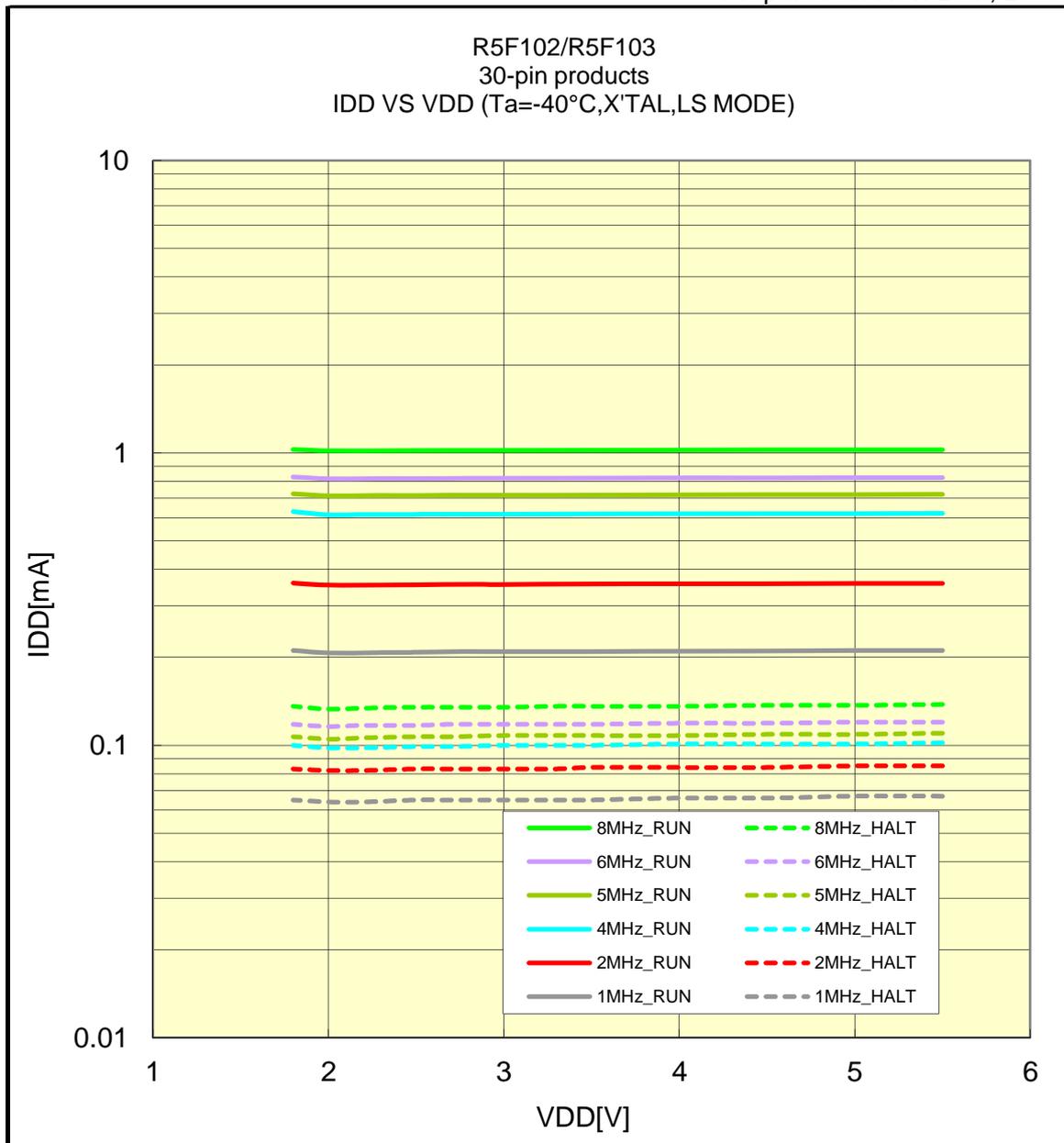


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102/R5F103  
30-pin products**

**IDD VS VDD(-40°C/X'TAL/LS MODE)**

Prepared on Nov. 25th, 2013

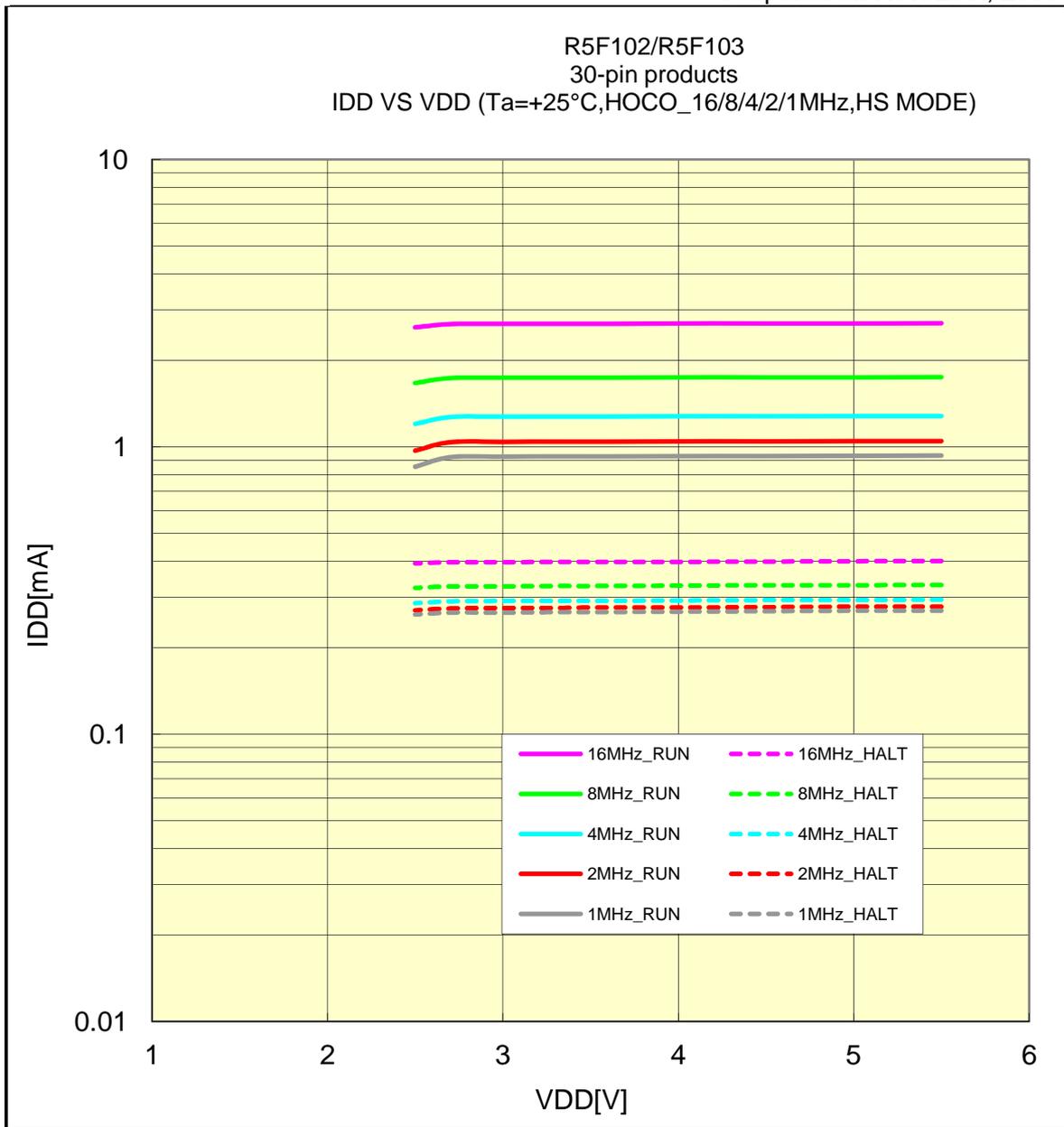


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R5F102/R5F103  
30-pin products

IDD VS VDD(+25°C/HOCO\_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

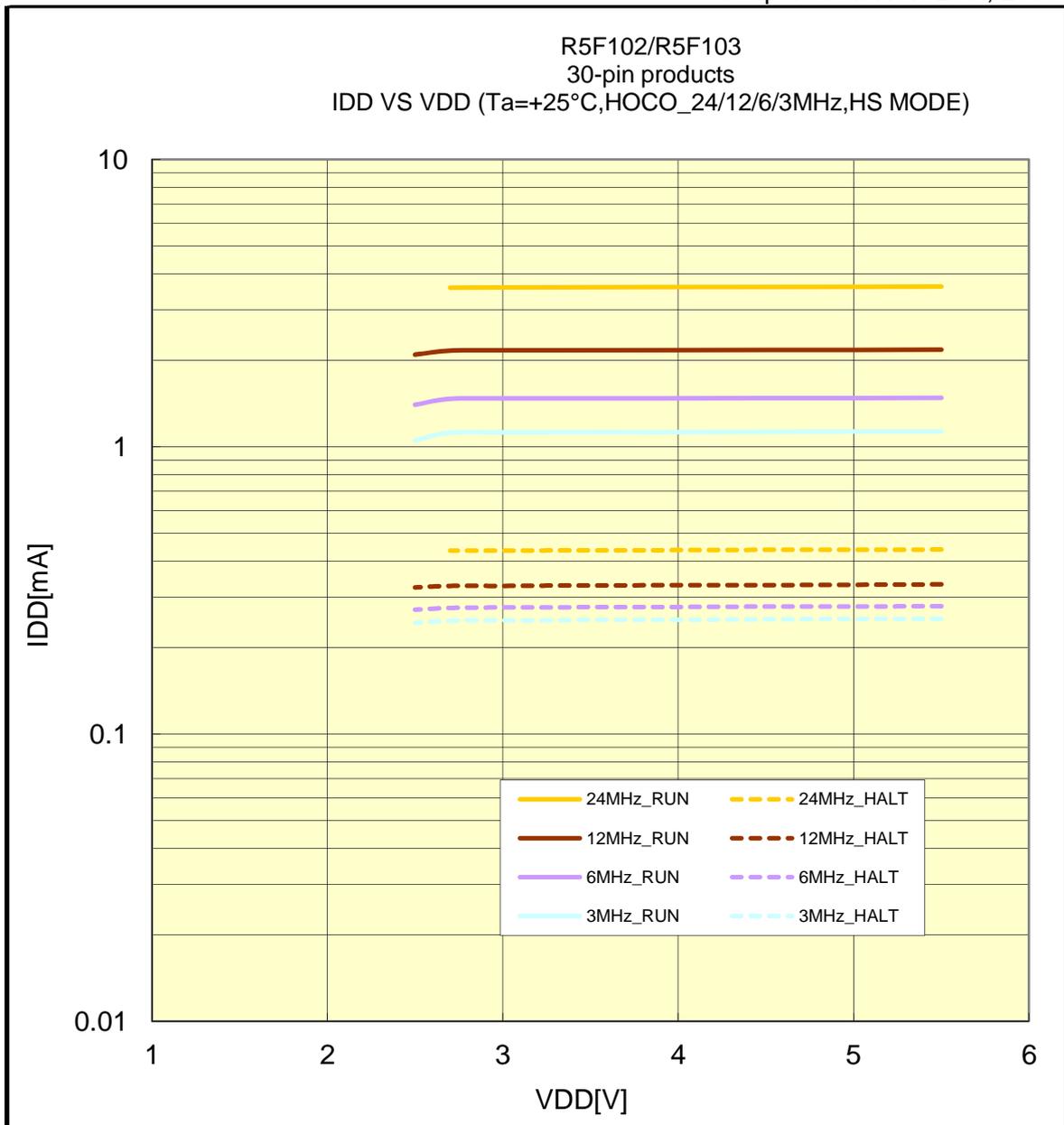


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(+25°C/HOCO\_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

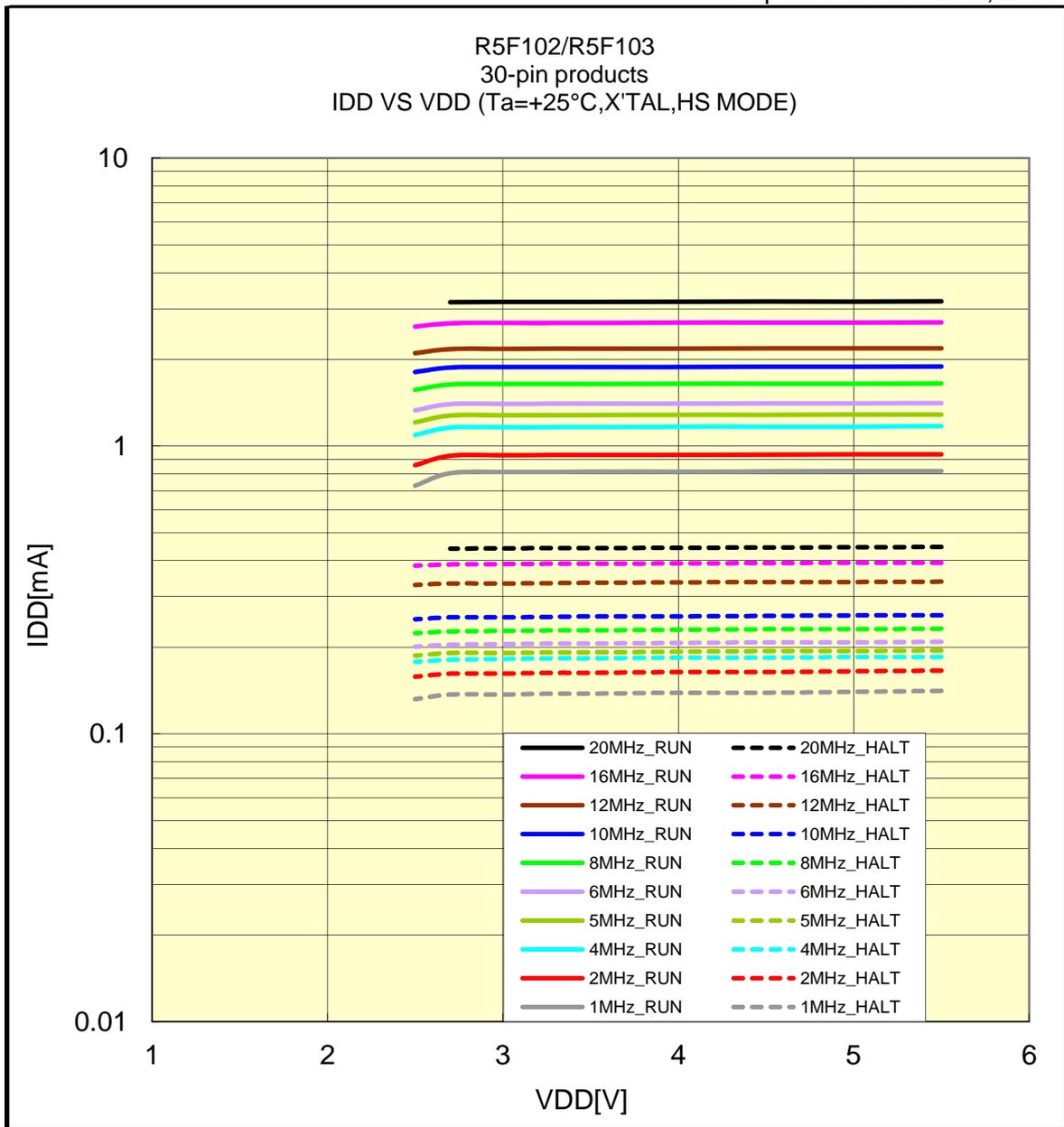


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(+25°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

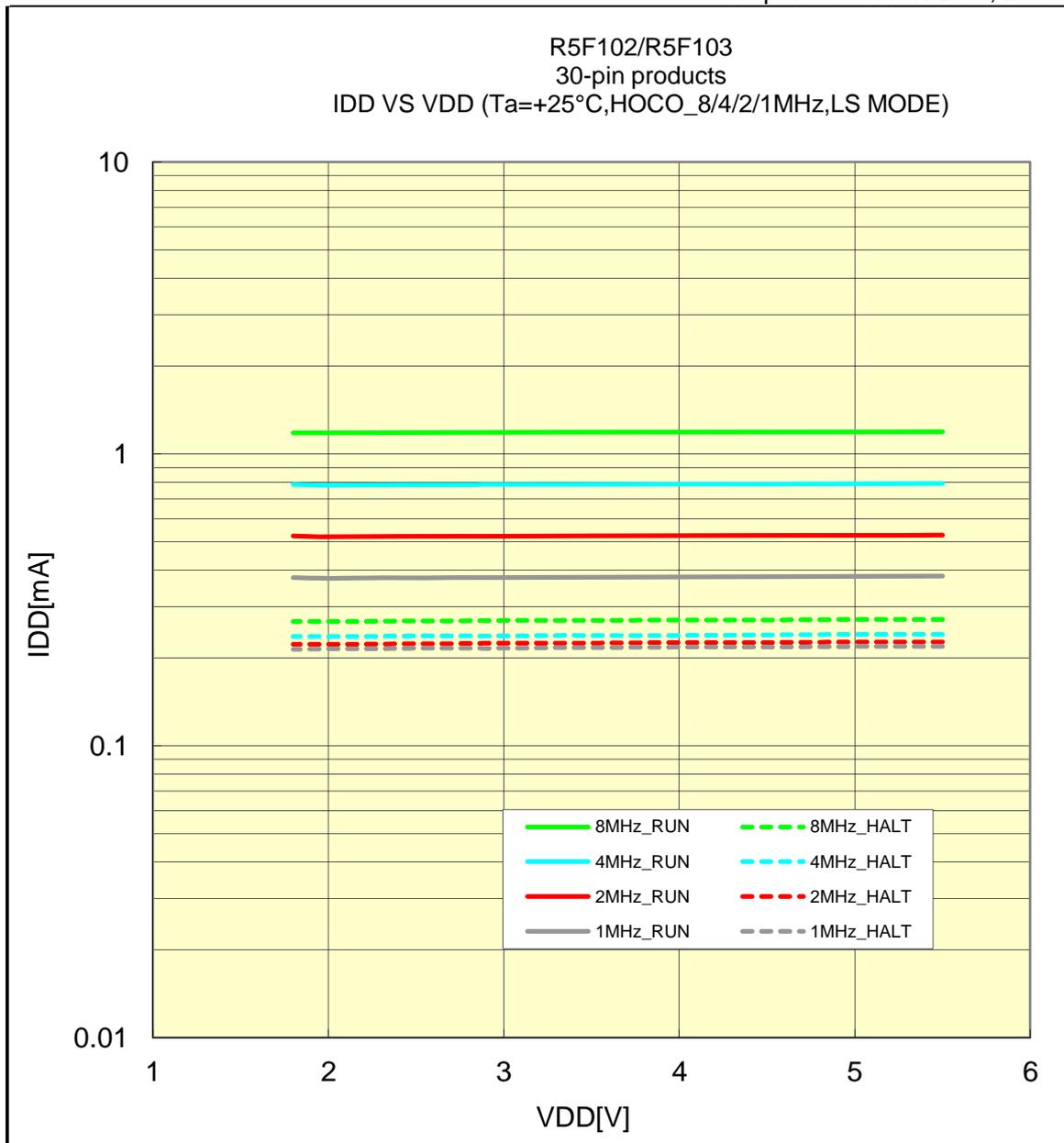


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R5F102/R5F103  
30-pin products

IDD VS VDD(+25°C/HOCO\_8/4/2/1MHz/LS MODE)

Prepared on Nov. 25th, 2013

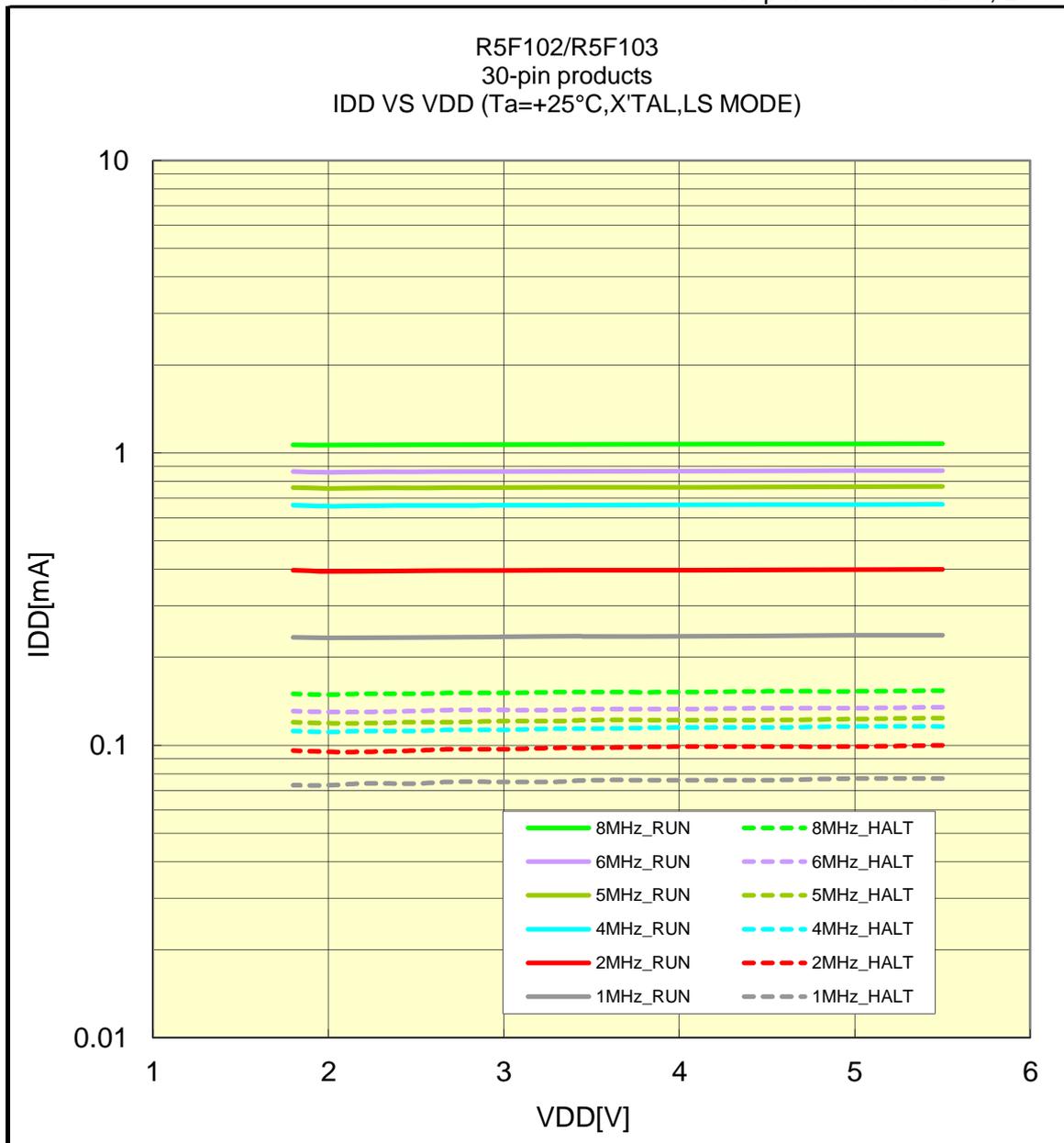


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**R5F102/R5F103  
30-pin products**

**IDD VS VDD(+25°C/X'TAL/LS MODE)**

Prepared on Nov. 25th, 2013

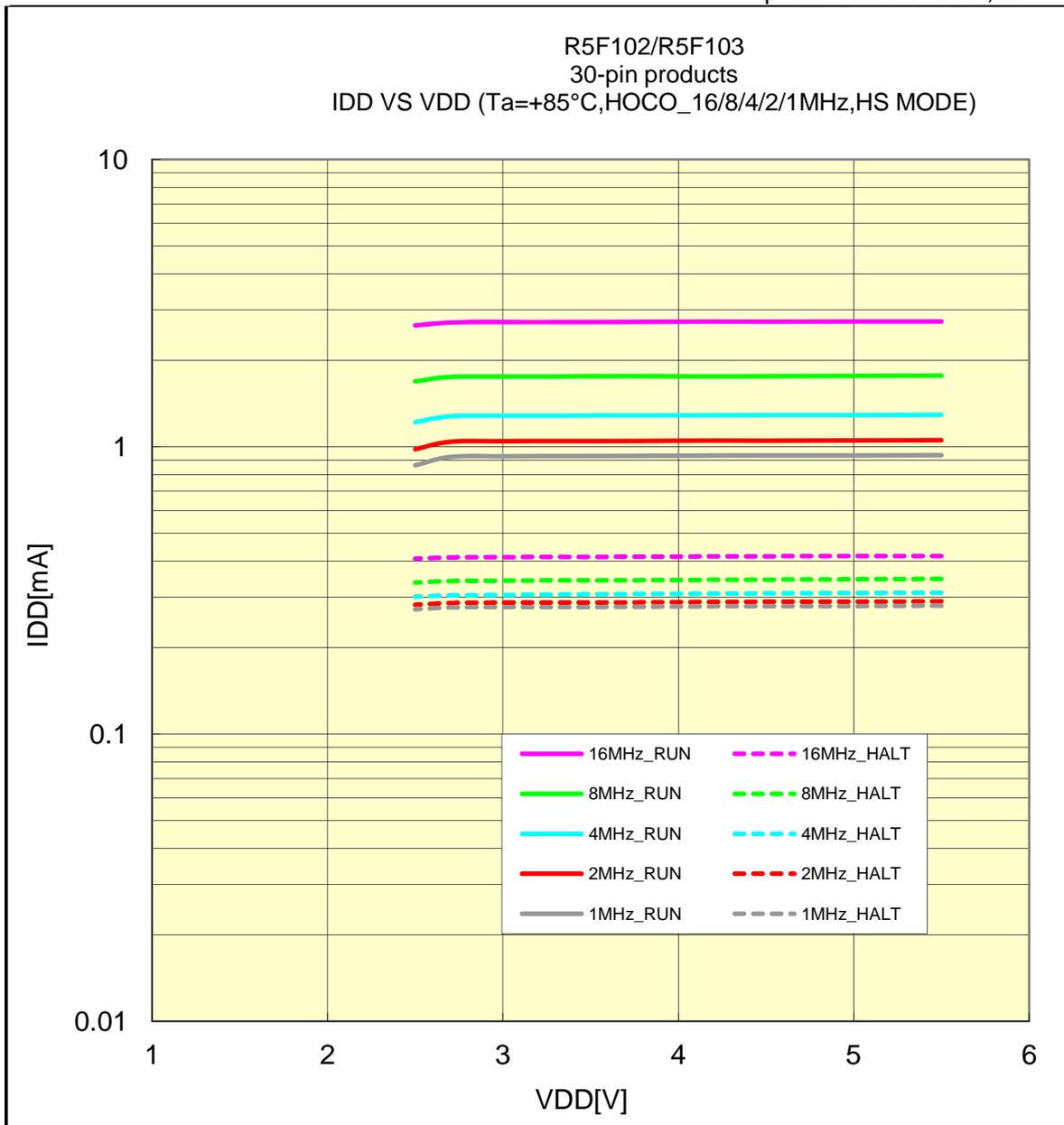


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(+85°C/HOCO\_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

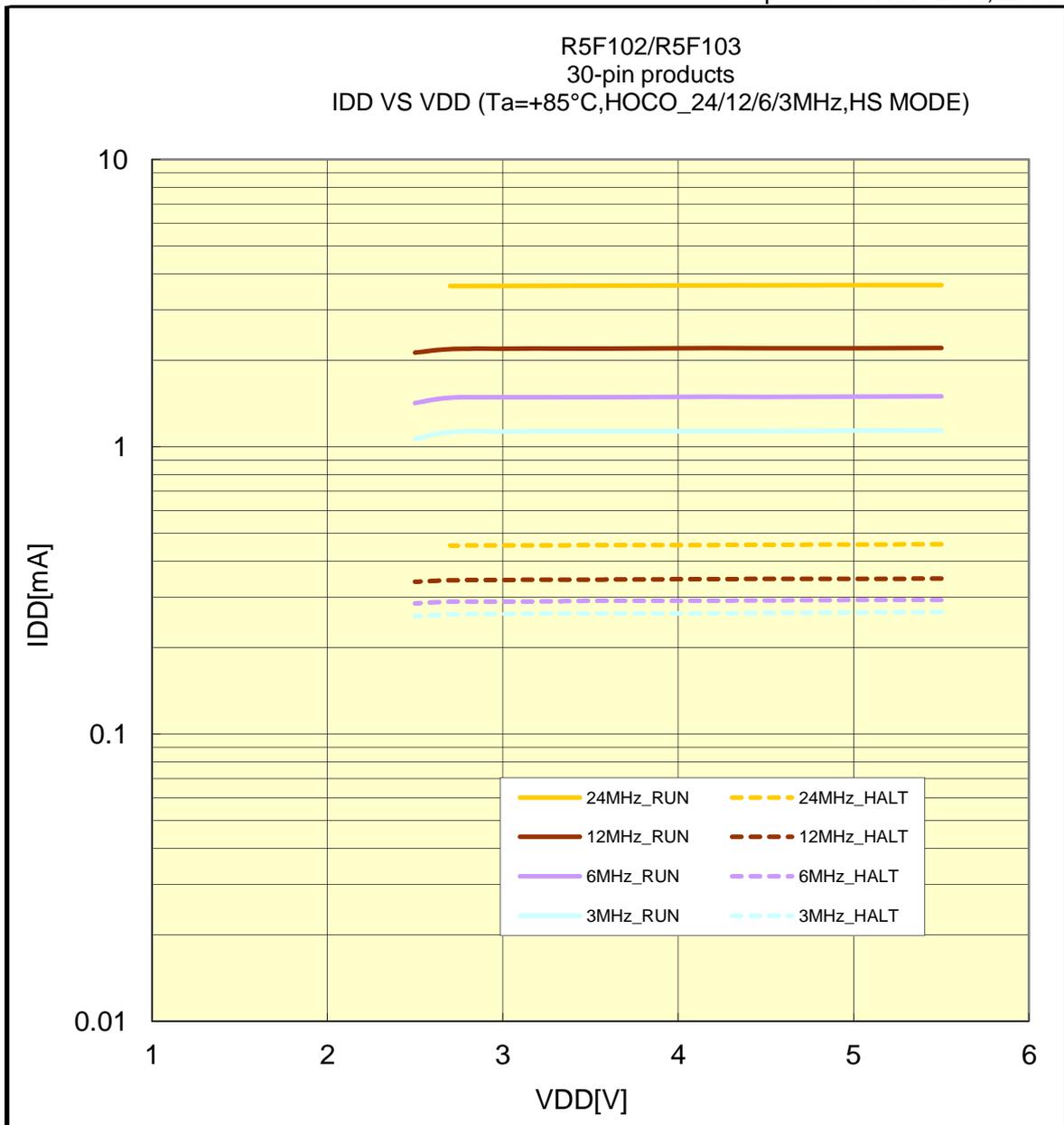


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(+85°C/HOCO\_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

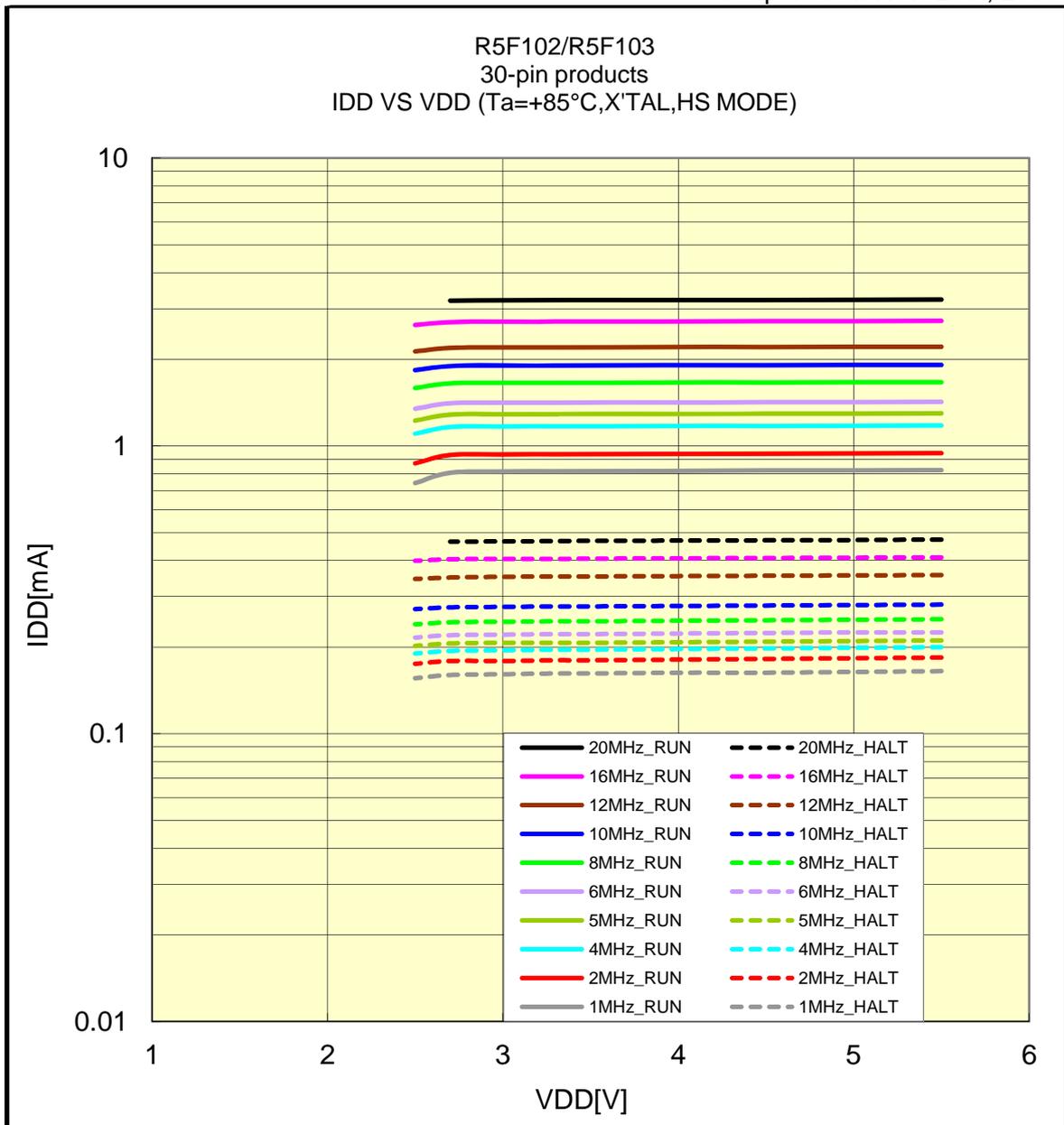


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103  
30-pin products

IDD VS VDD(+85°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

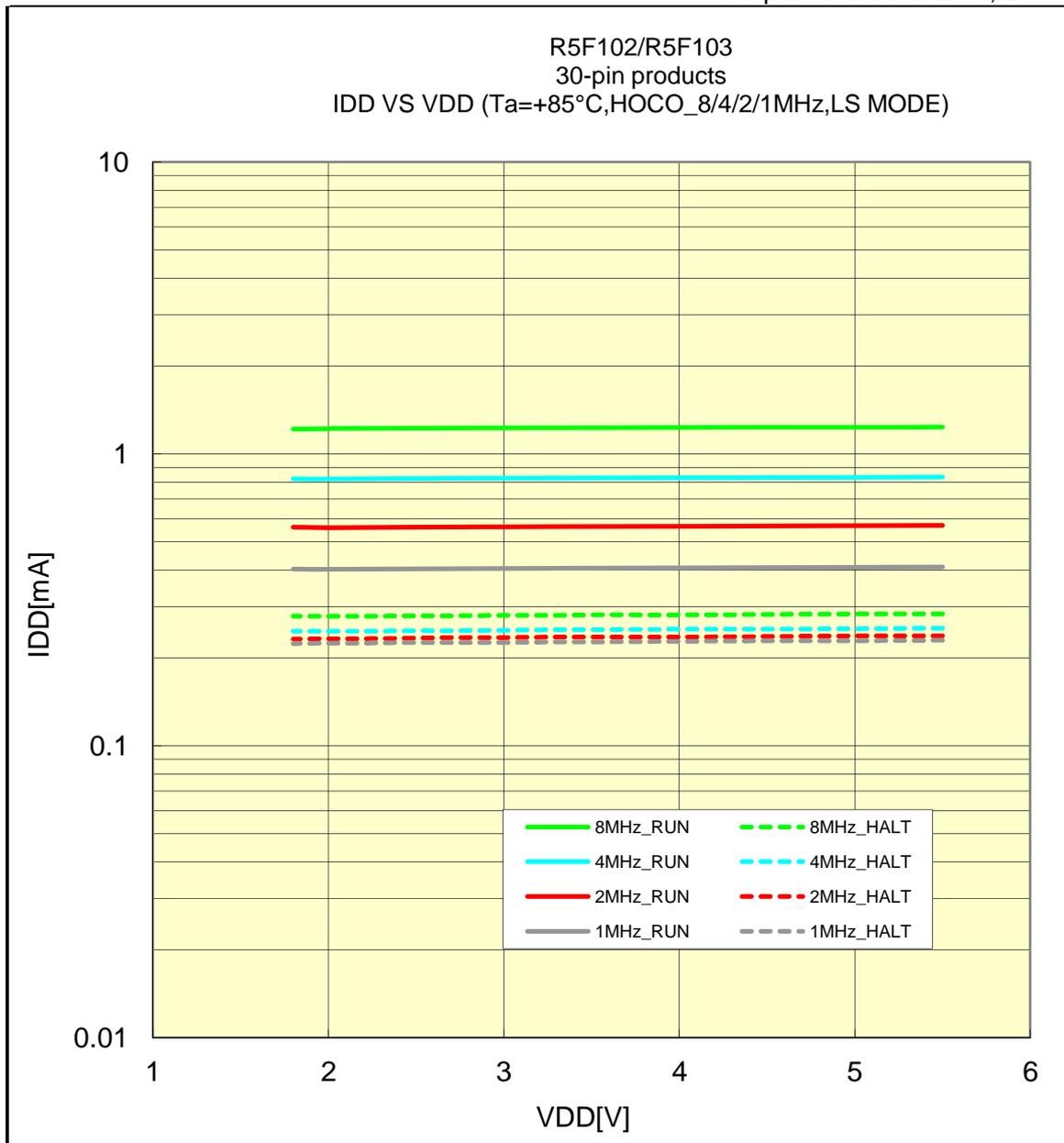


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102/R5F103  
30-pin products**

**IDD VS VDD(+85°C/HOCO\_8/4/2/1MHz/LS MODE)**

Prepared on Nov. 25th, 2013

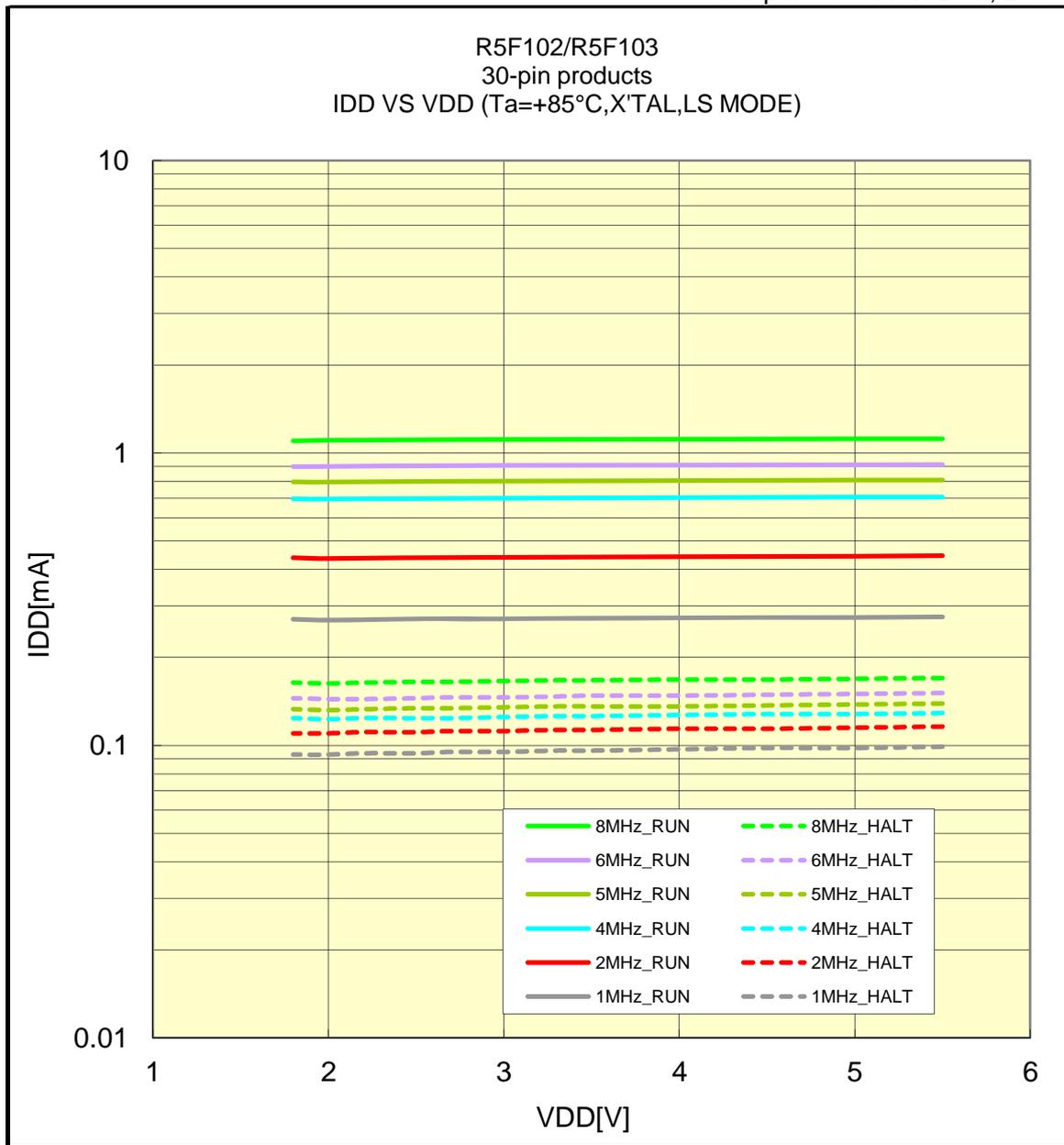


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102/R5F103  
30-pin products**

**IDD VS VDD(+85°C/X'TAL/LS MODE)**

Prepared on Nov. 25th, 2013

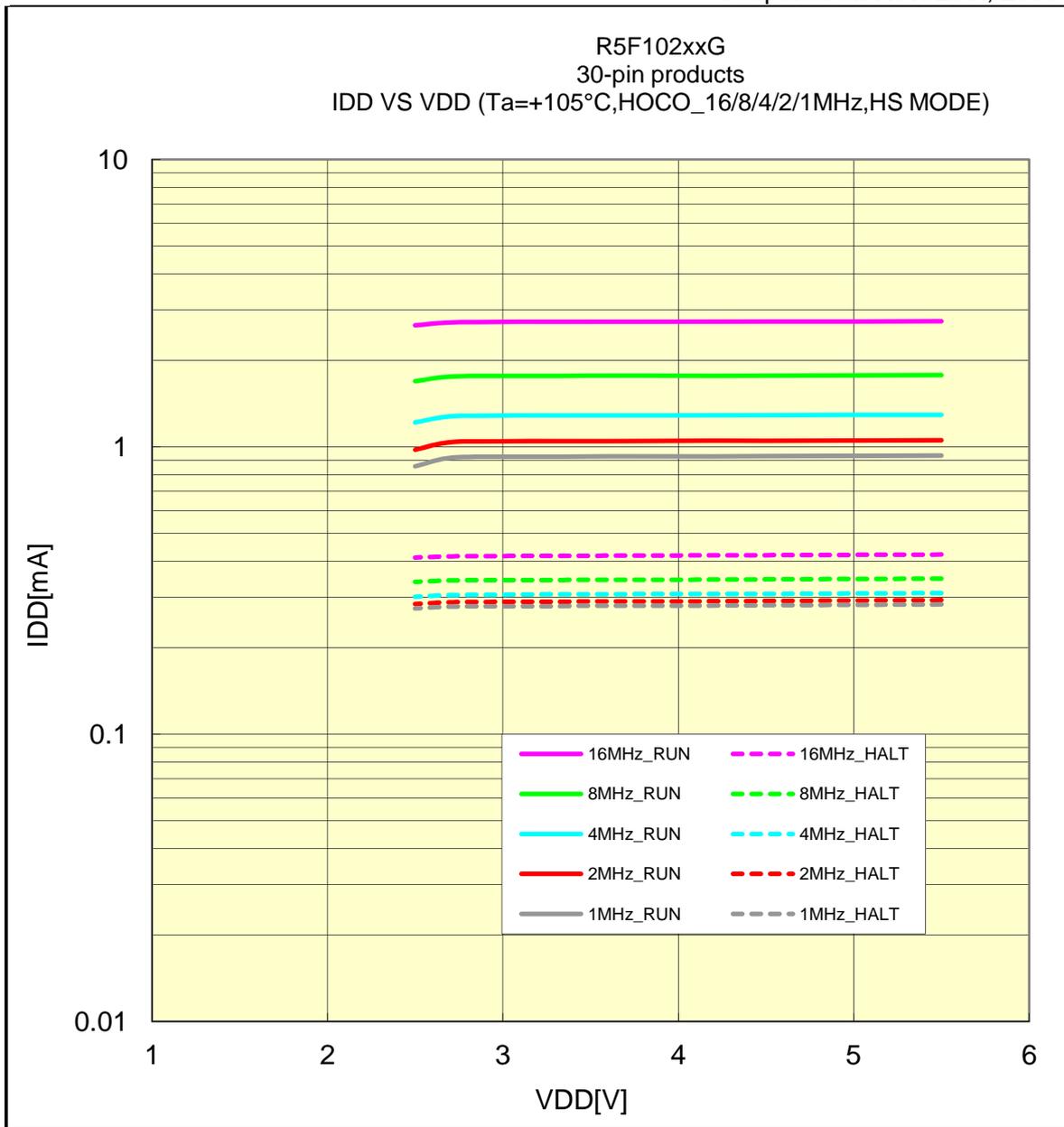


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102 for the products "G: Industrial applications"  
30-pin products**

**IDD VS VDD(+105°C/HOCO\_16/8/4/2/1MHz/HS MODE)**

Prepared on Nov. 25th, 2013

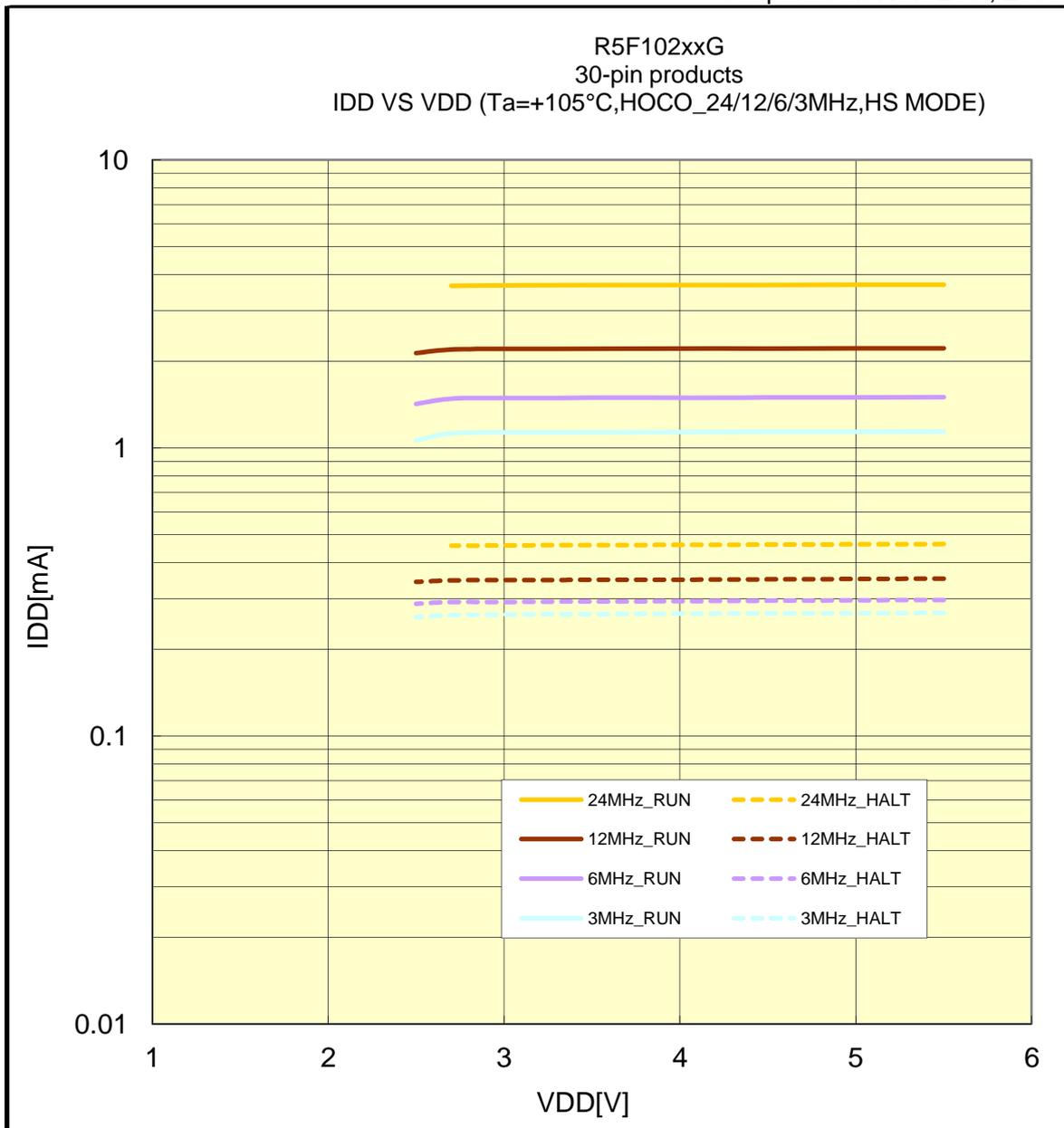


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102 for the products "G: Industrial applications"  
30-pin products**

**IDD VS VDD(+105°C/HOCO\_24/12/6/3MHz/HS MODE)**

Prepared on Nov. 25th, 2013

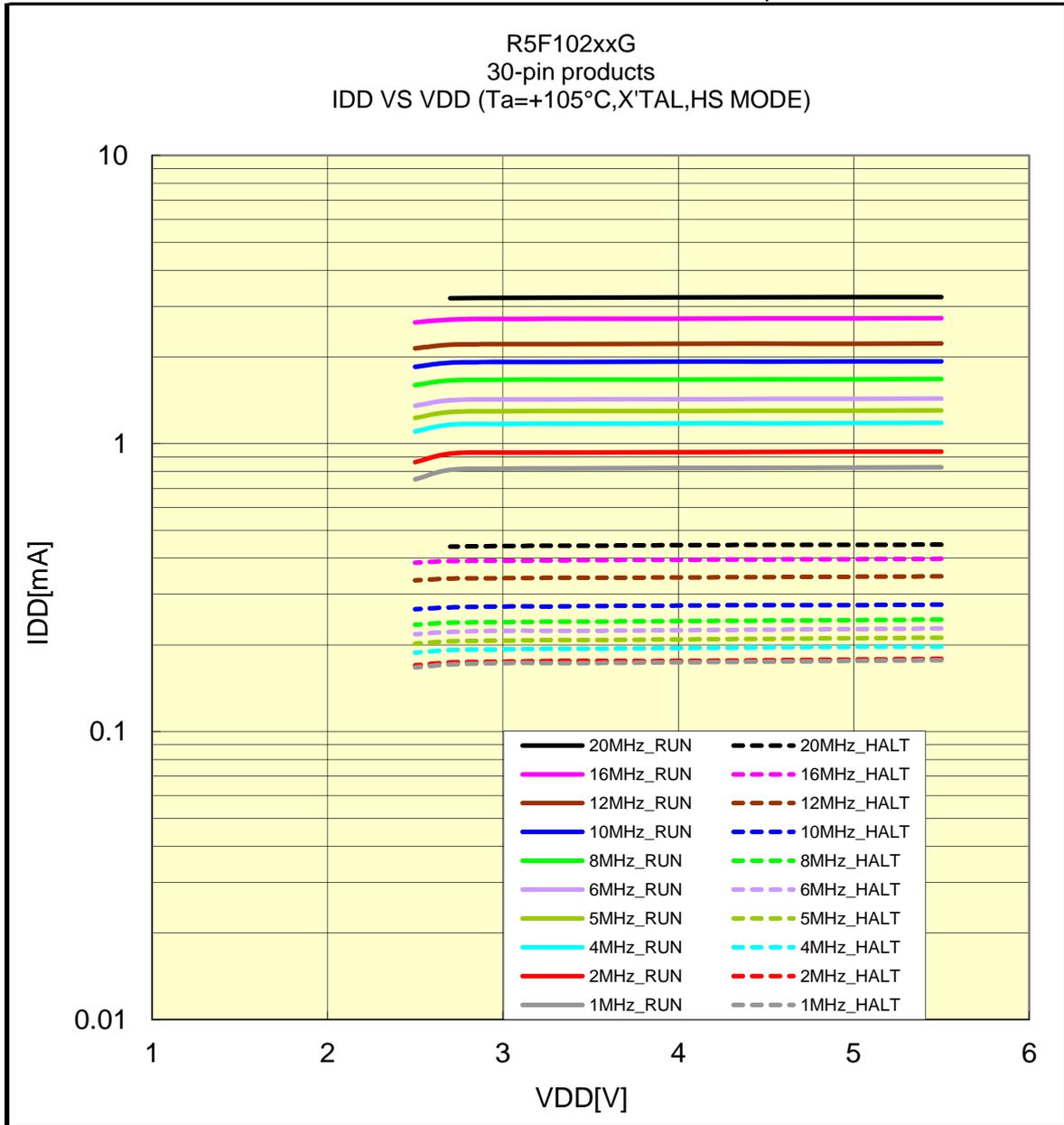


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102 for the products "G: Industrial applications"  
30-pin products**

**IDD VS VDD(+105°C/X'TAL/HS MODE)**

Prepared on Nov. 25th, 2013

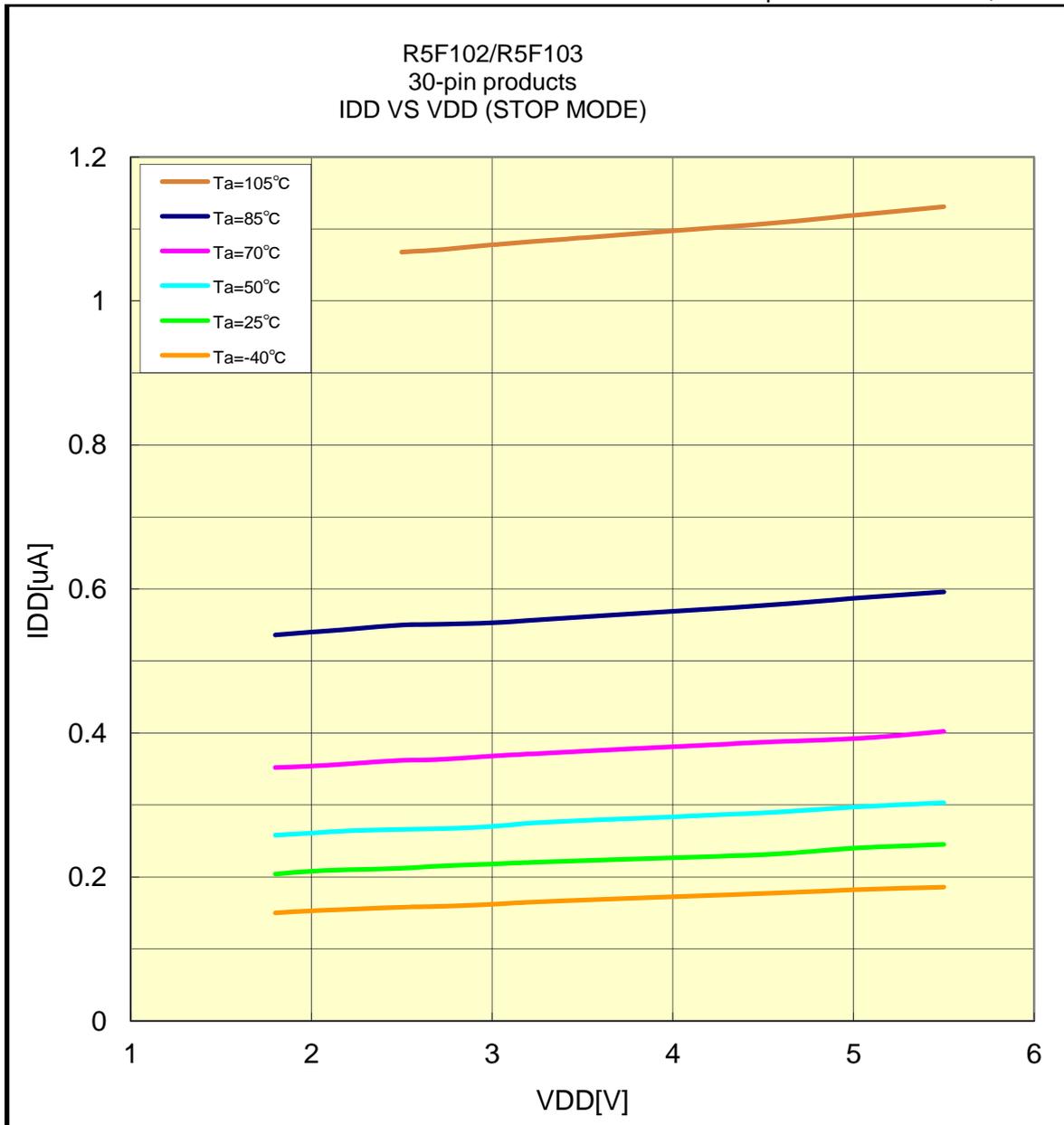


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

## R5F102/R5F103 30-pin products

### IDD VS VDD(STOP MODE)

Prepared on Nov. 25th, 2013



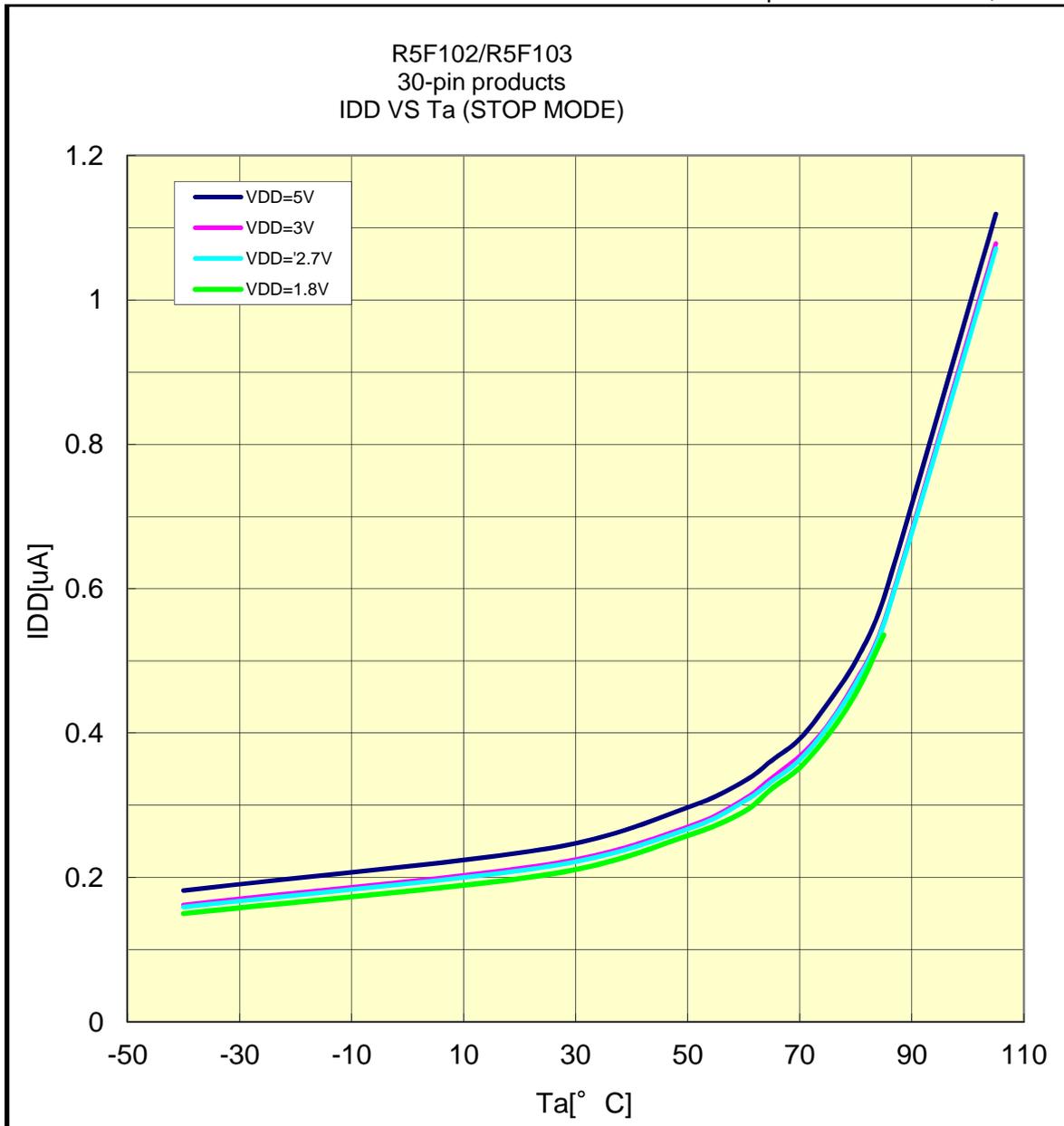
Caution. When RL78/G12 is used in the range of TA = +85 to +105°C, use the R5F102 for the products "G: Industrial applications".

The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102/R5F103  
30-pin products**

**IDD VS Ta(STOP MODE)**

Prepared on Nov. 25th, 2013



Caution. When RL78/G12 is used in the range of TA = +85 to +105°C, use the R5F102 for the products "G: Industrial applications".

The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.