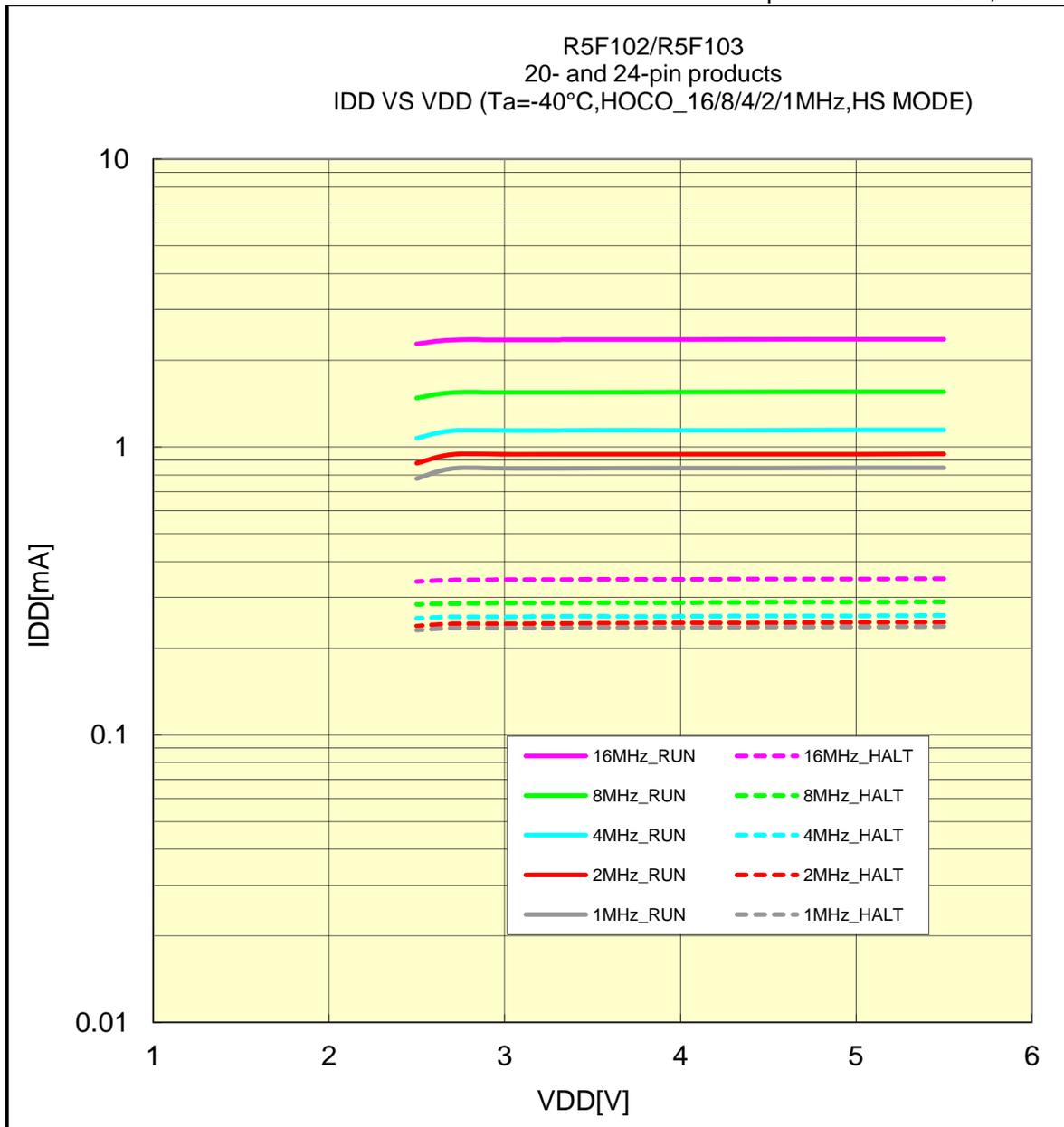


R5F102/R5F103
20- and 24-pin products

IDD VS VDD(-40°C/HOCO_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

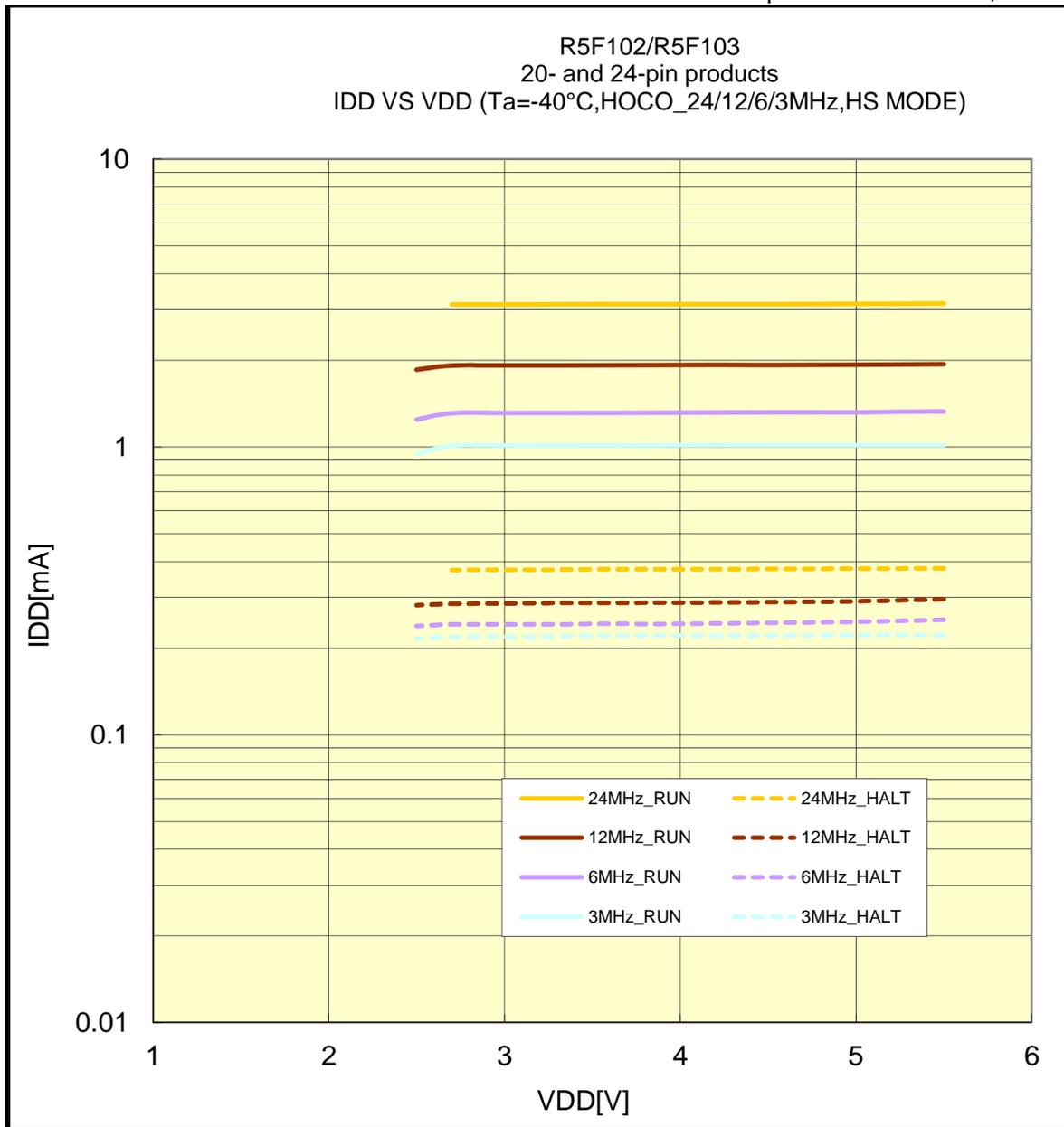


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(-40°C/HOCO_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

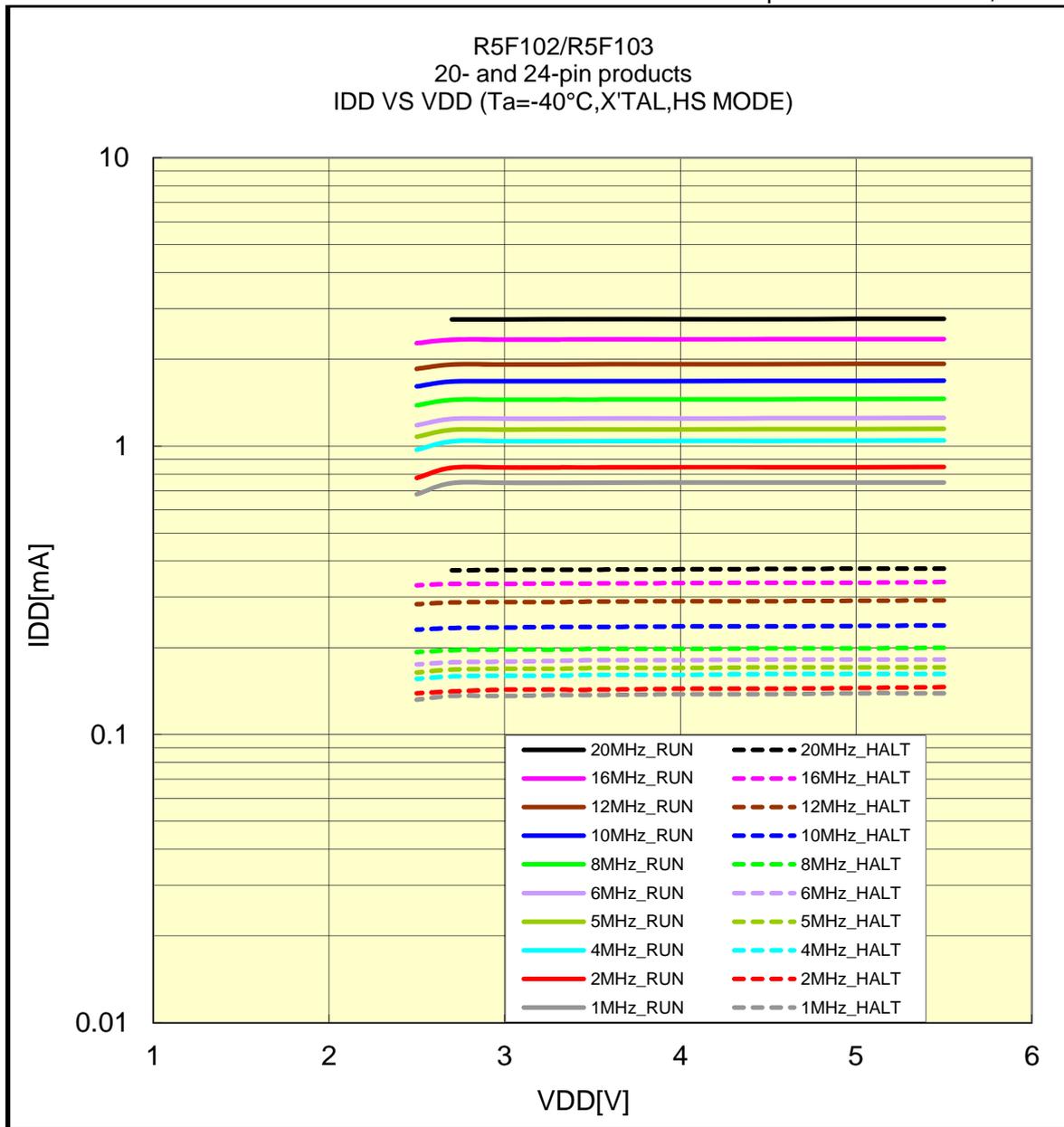


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(-40°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

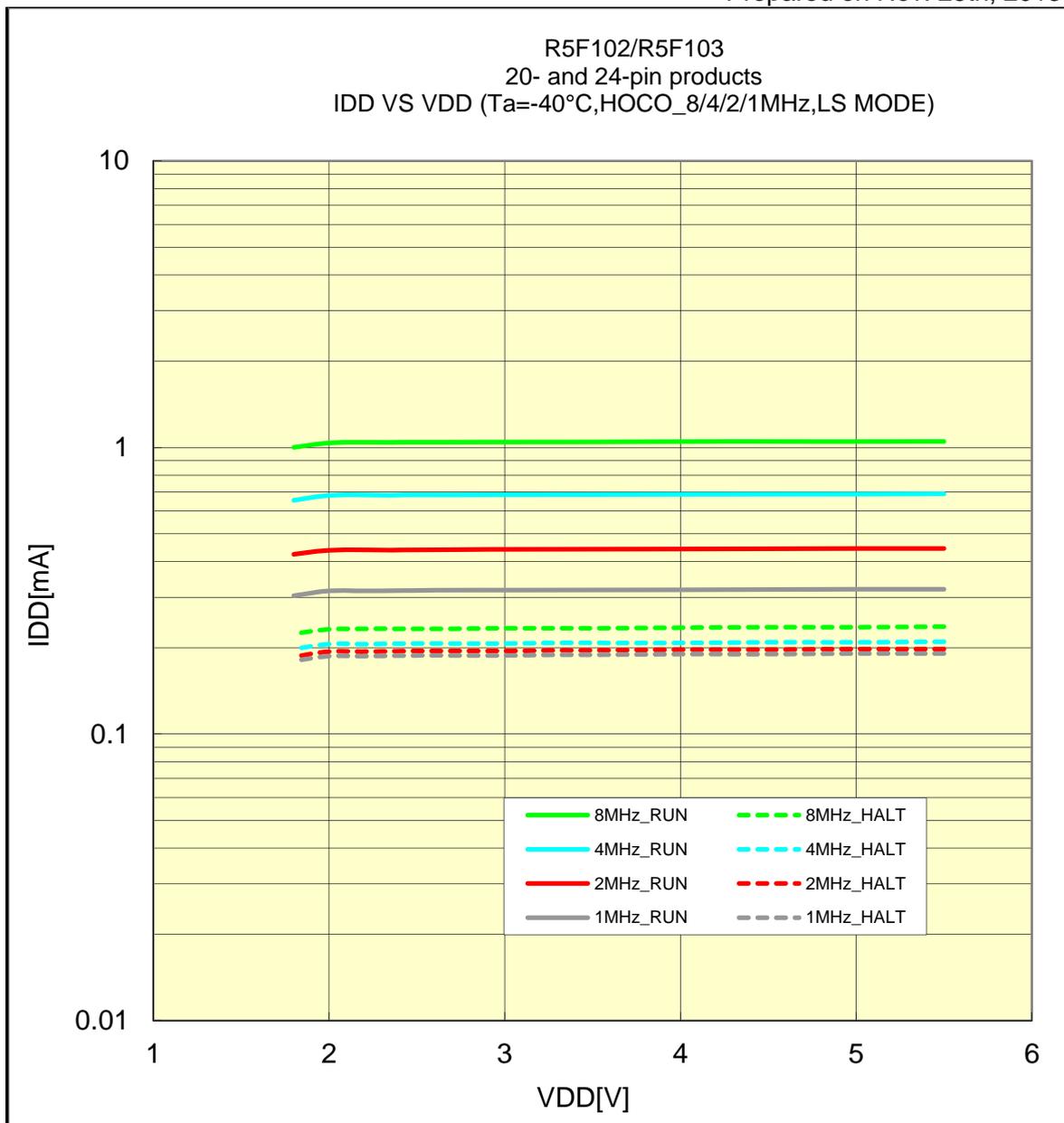


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(-40°C/HOCO_8/4/2/1MHz/LS MODE)

Prepared on Nov. 25th, 2013

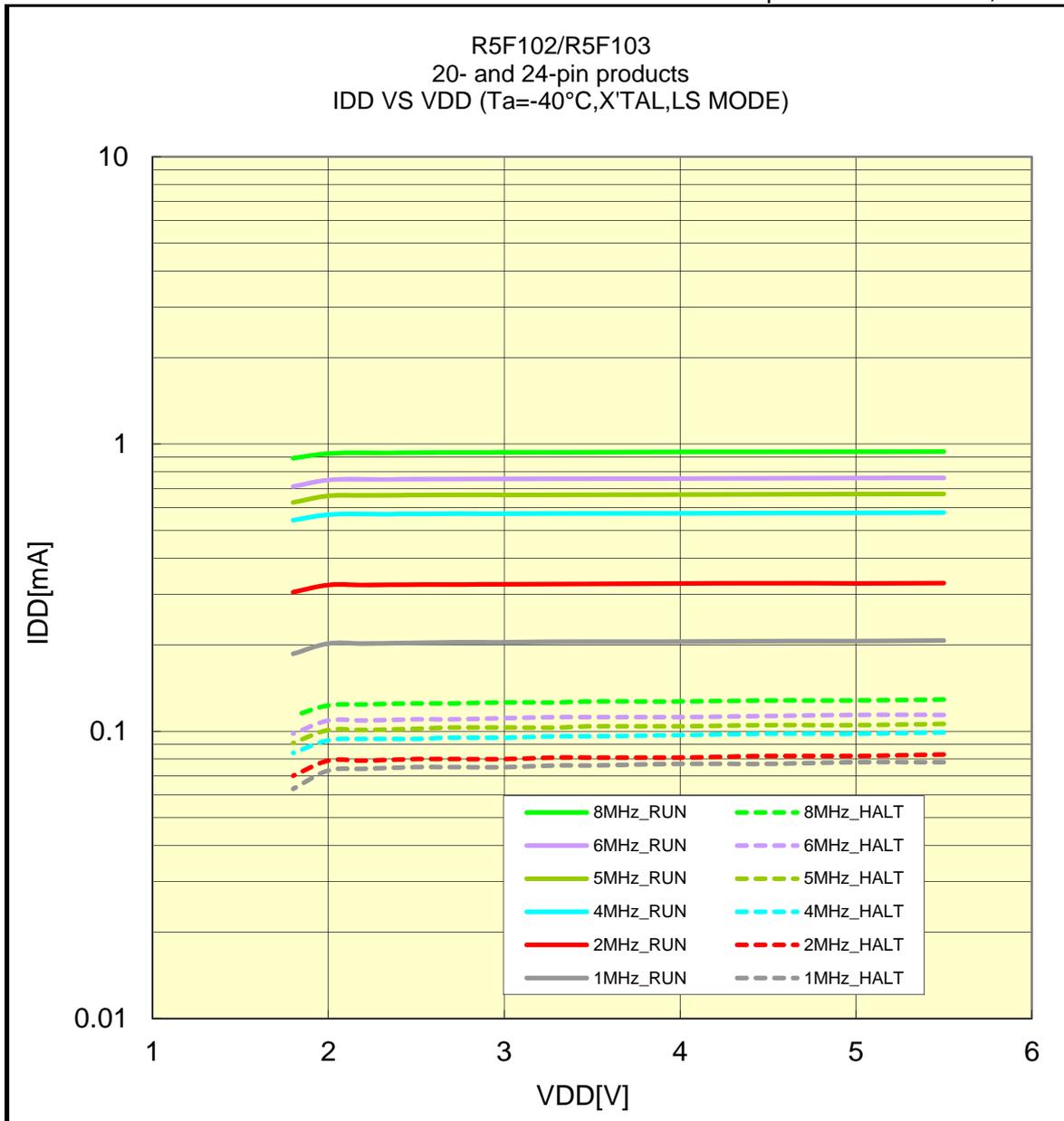


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(-40°C/X'TAL/LS MODE)

Prepared on Nov. 25th, 2013

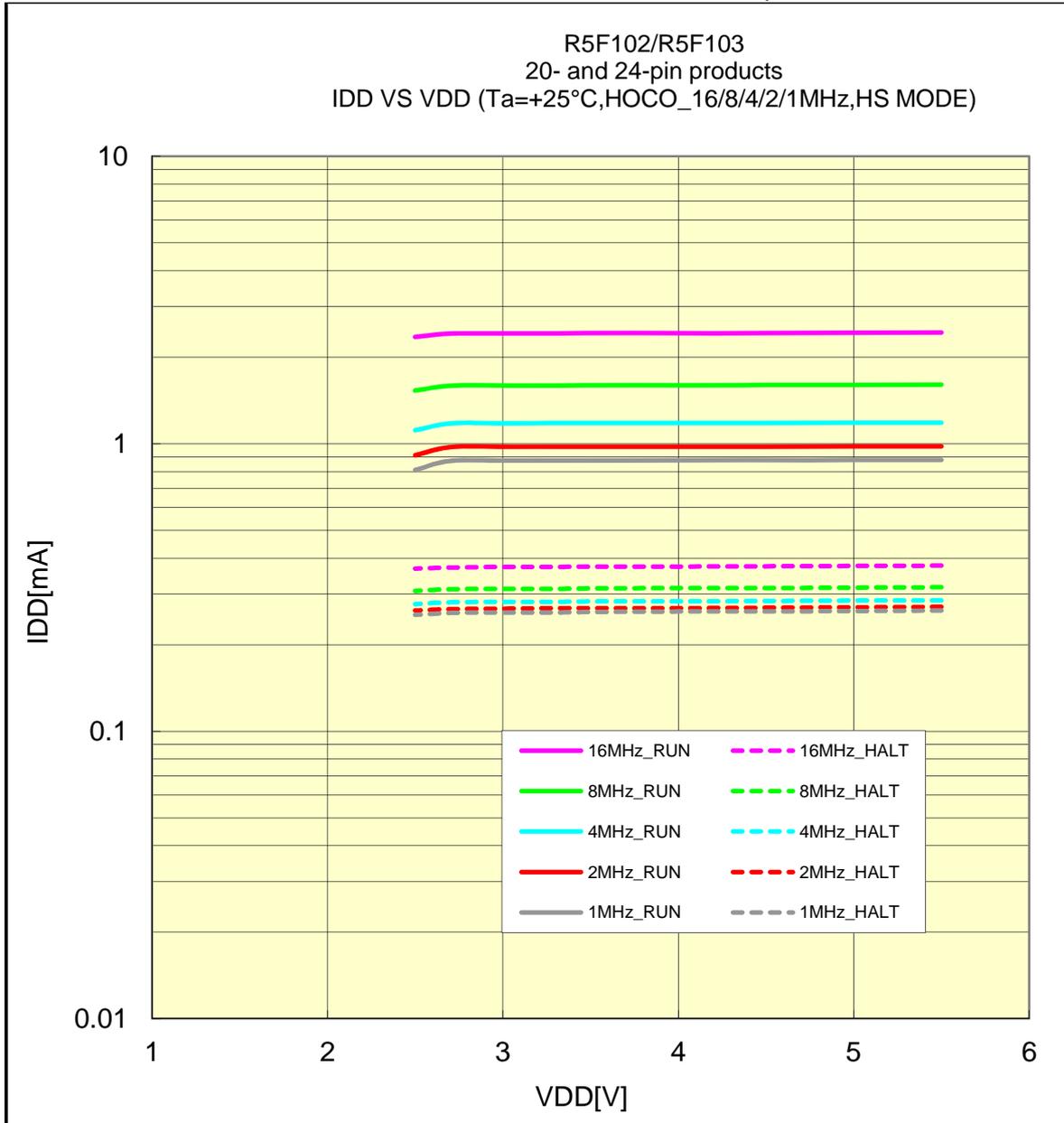


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+25°C/HOCO_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

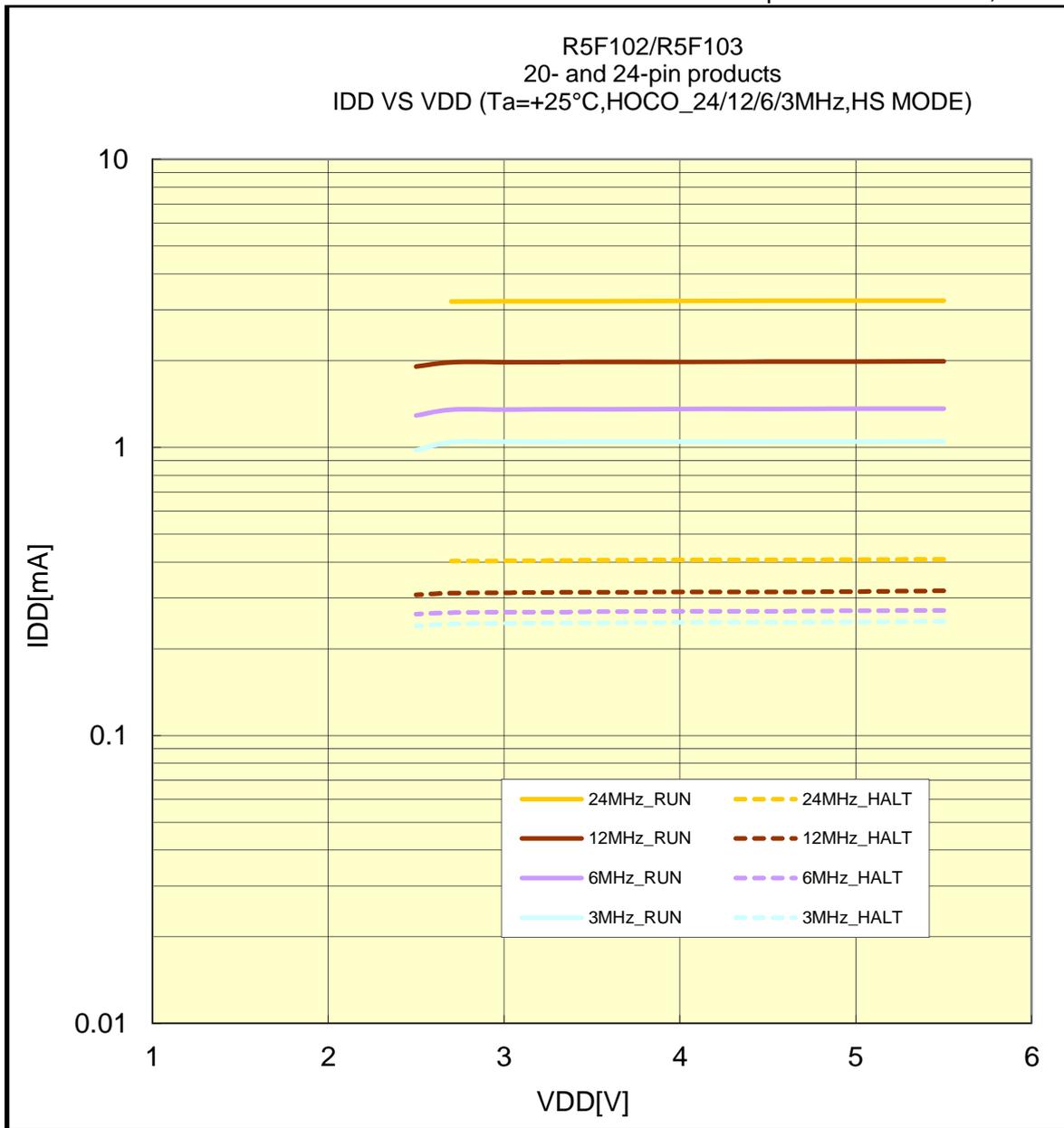


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+25°C/HOCO_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

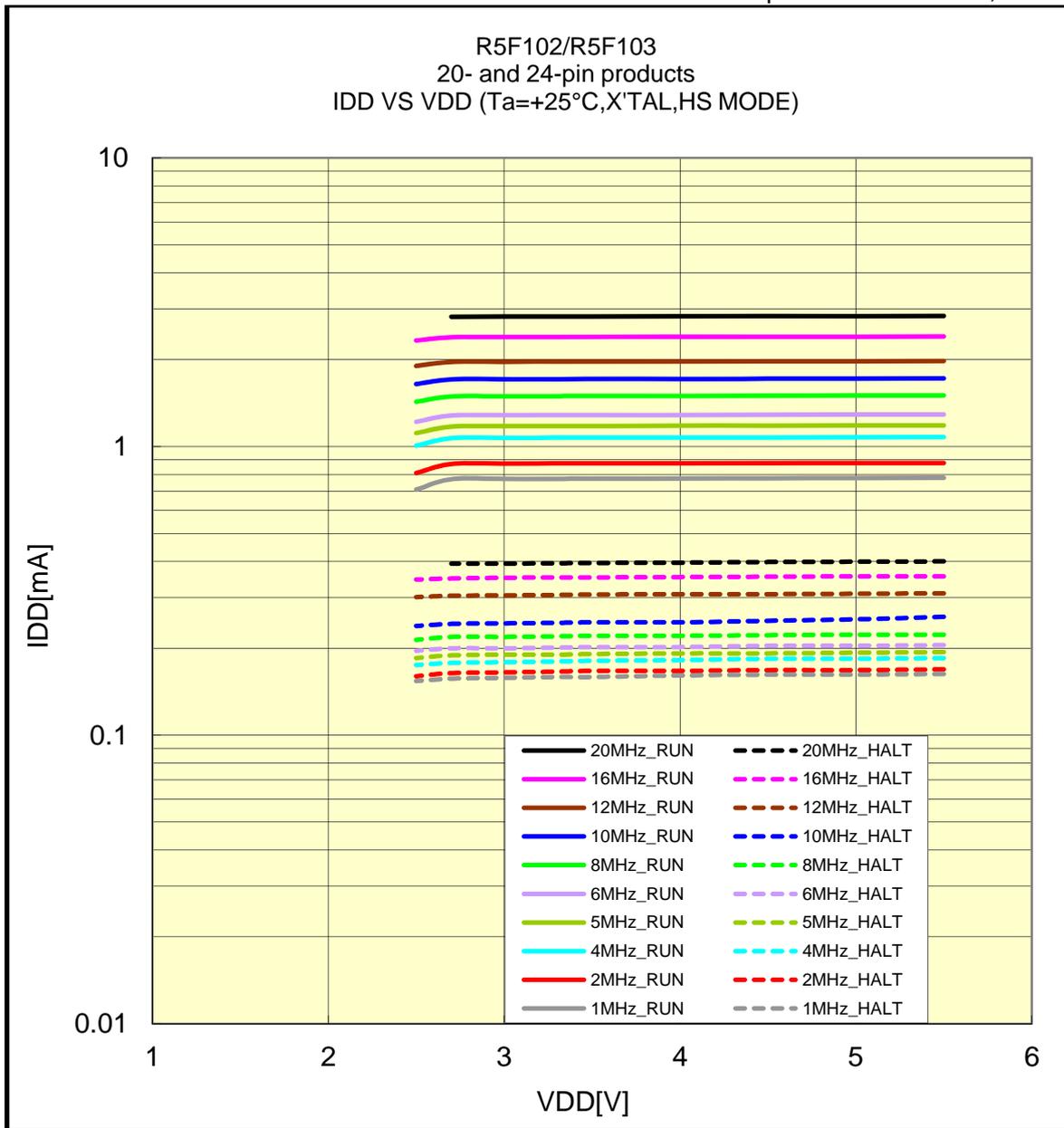


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+25°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

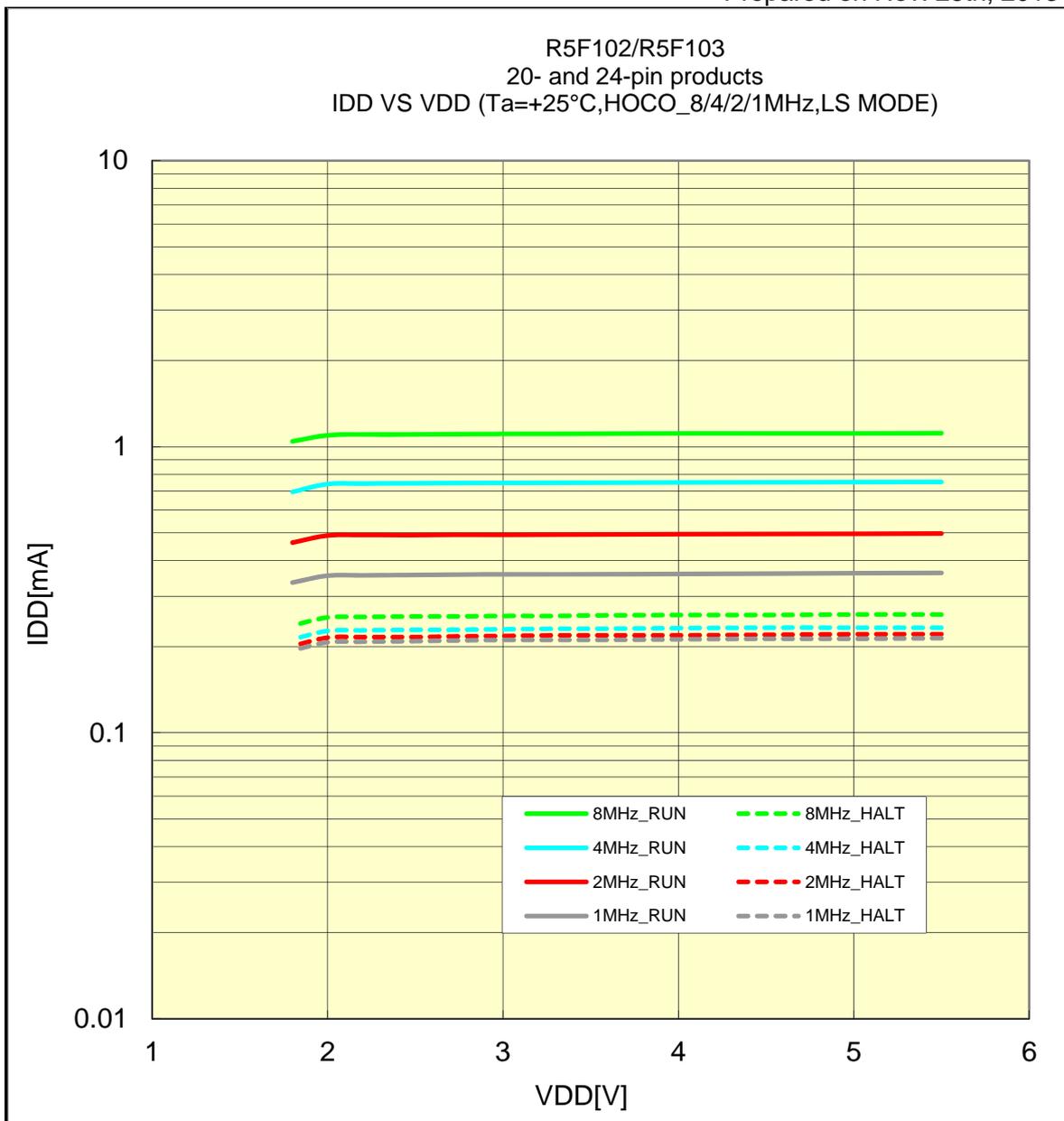


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+25°C/HOCO_8/4/2/1MHz/LS MODE)

Prepared on Nov. 25th, 2013

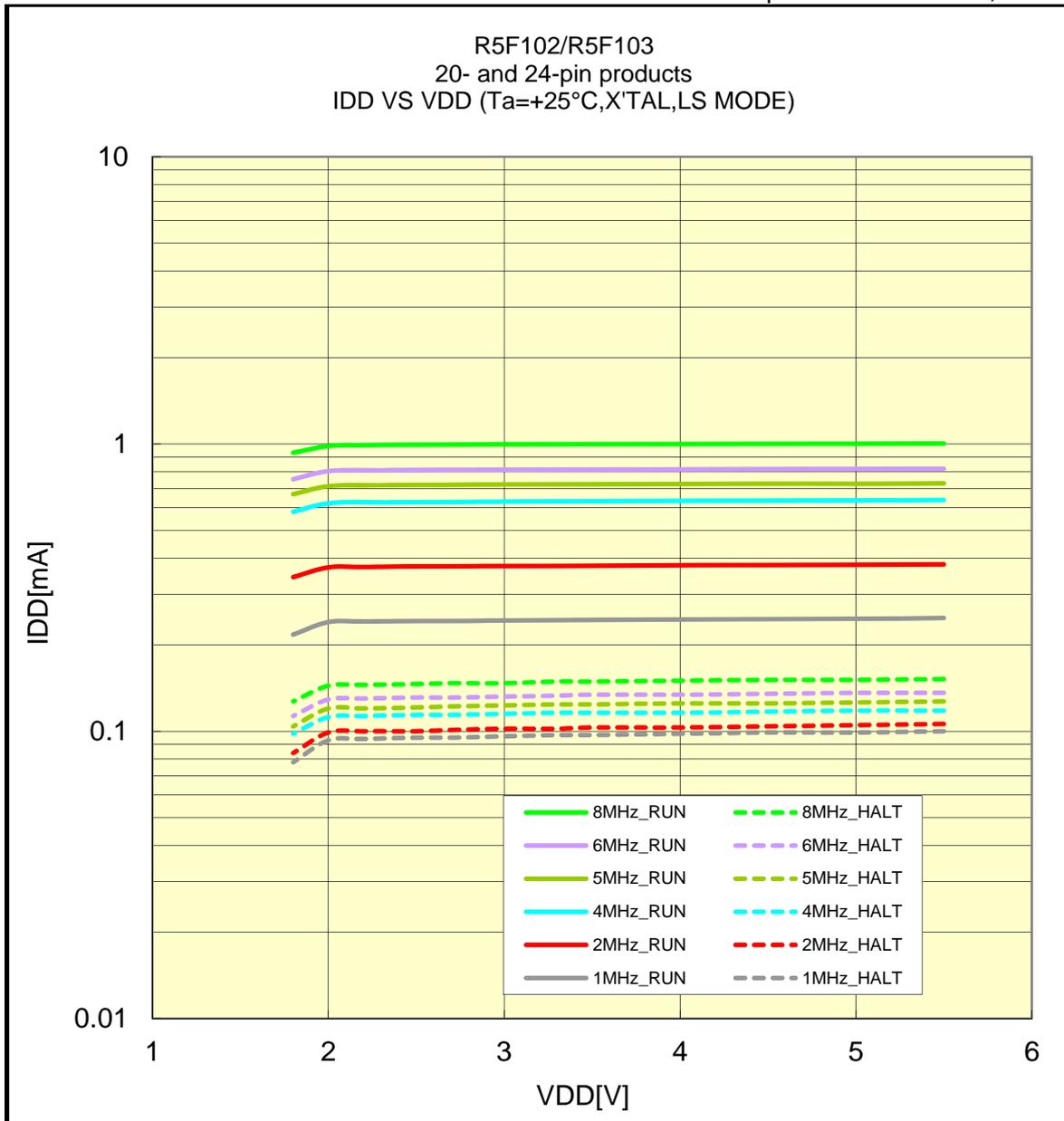


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+25°C/X'TAL/LS MODE)

Prepared on Nov. 25th, 2013

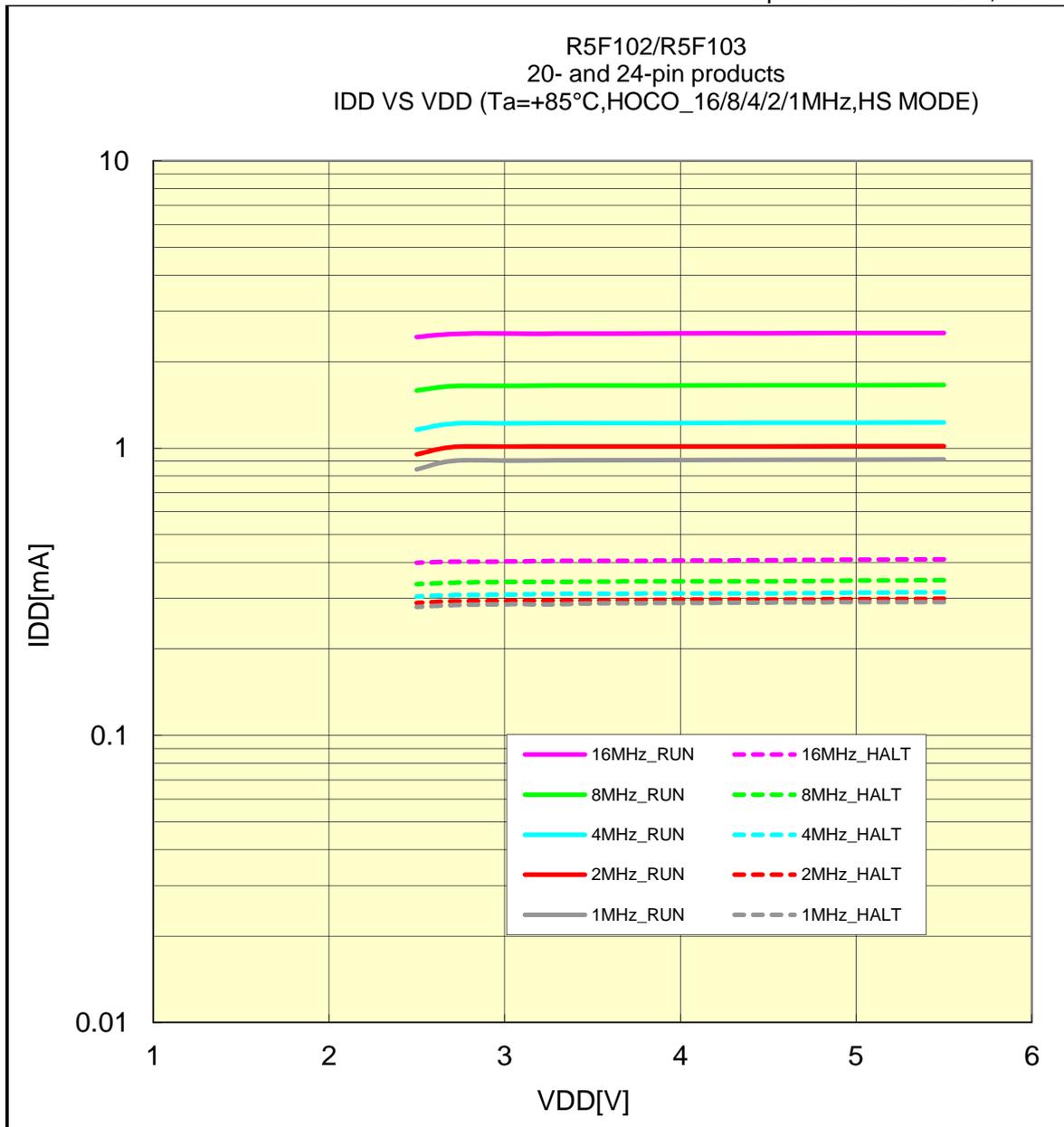


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+85°C/HOCO_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

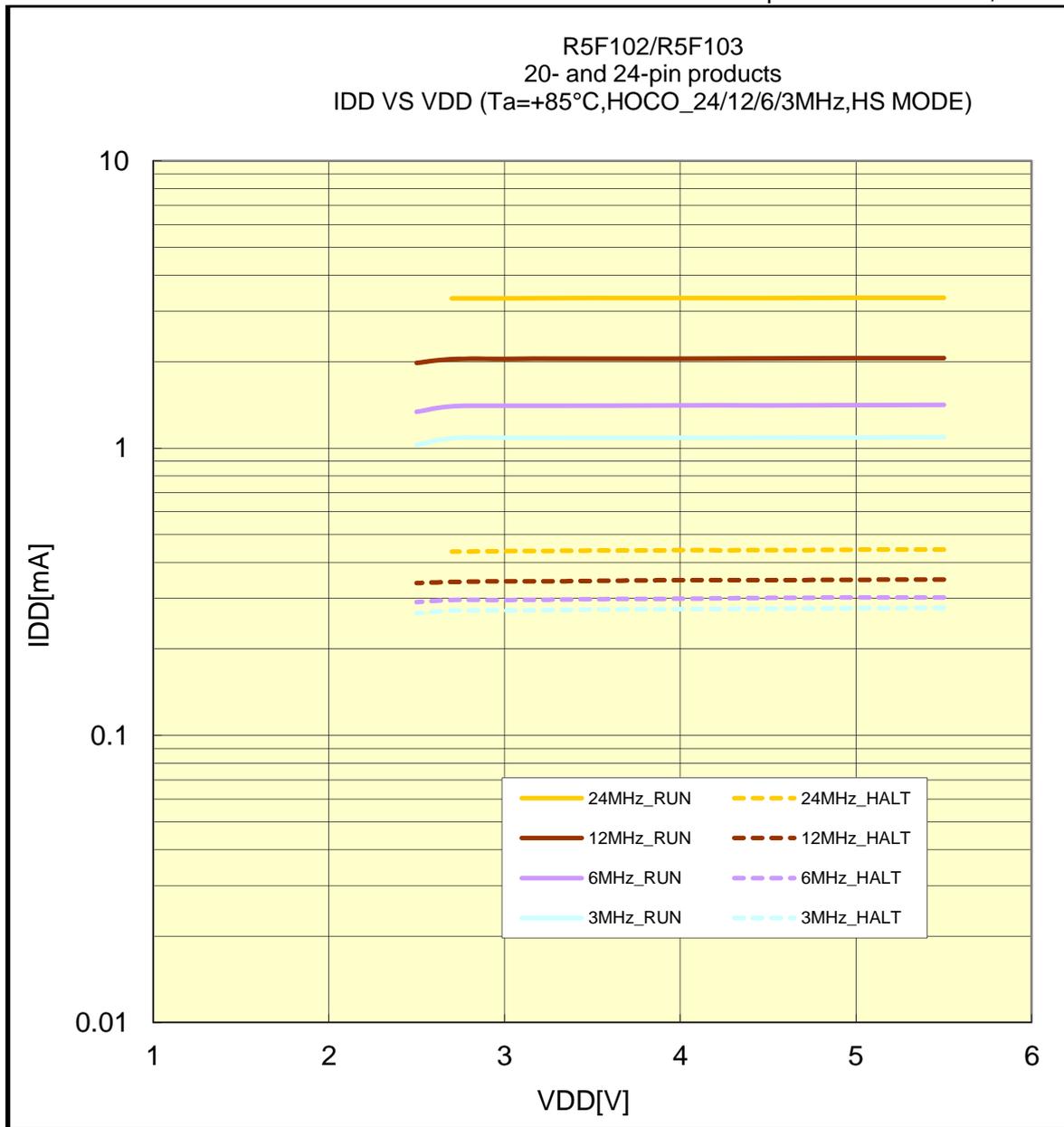


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+85°C/HOCO_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

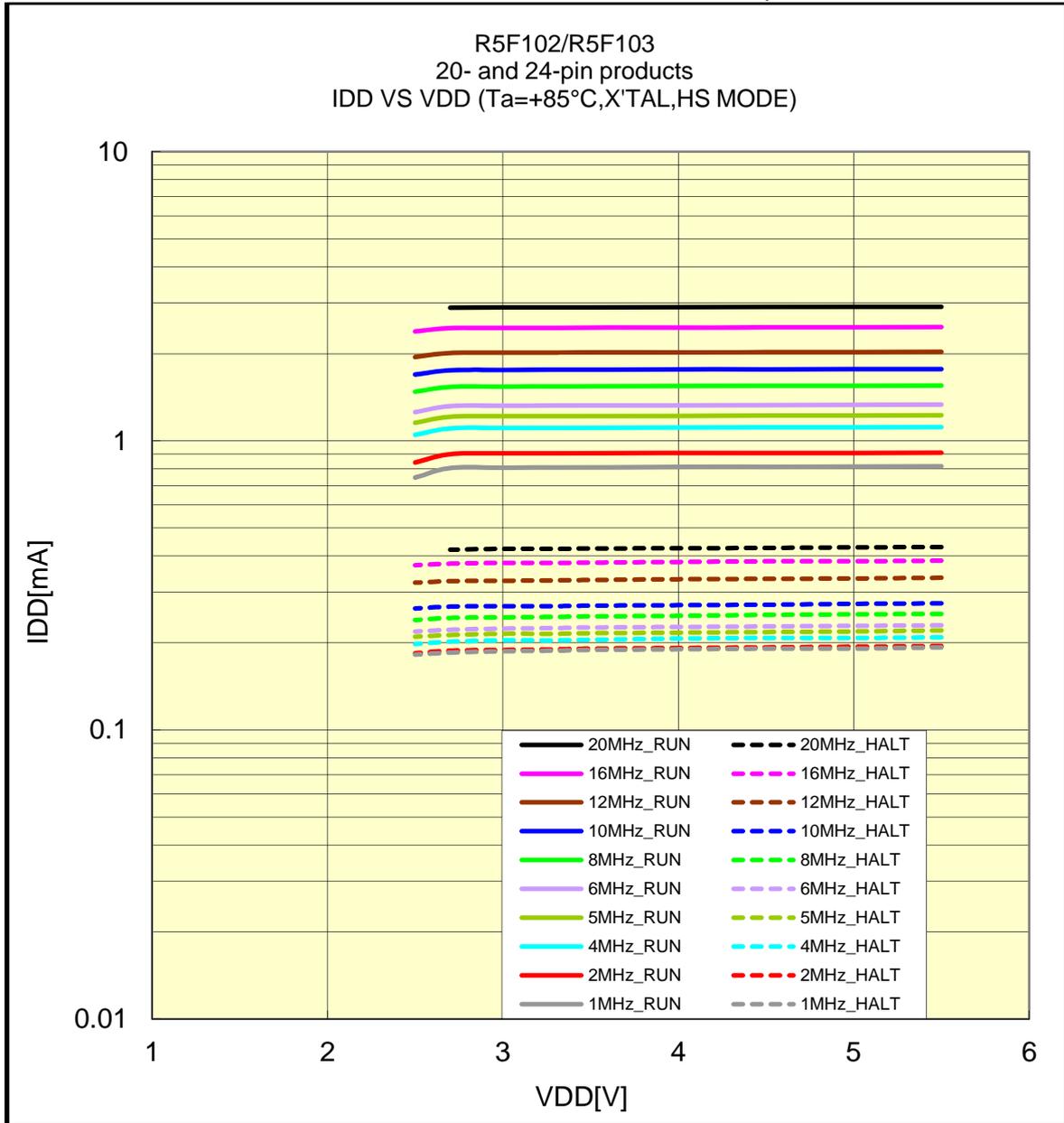


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+85°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

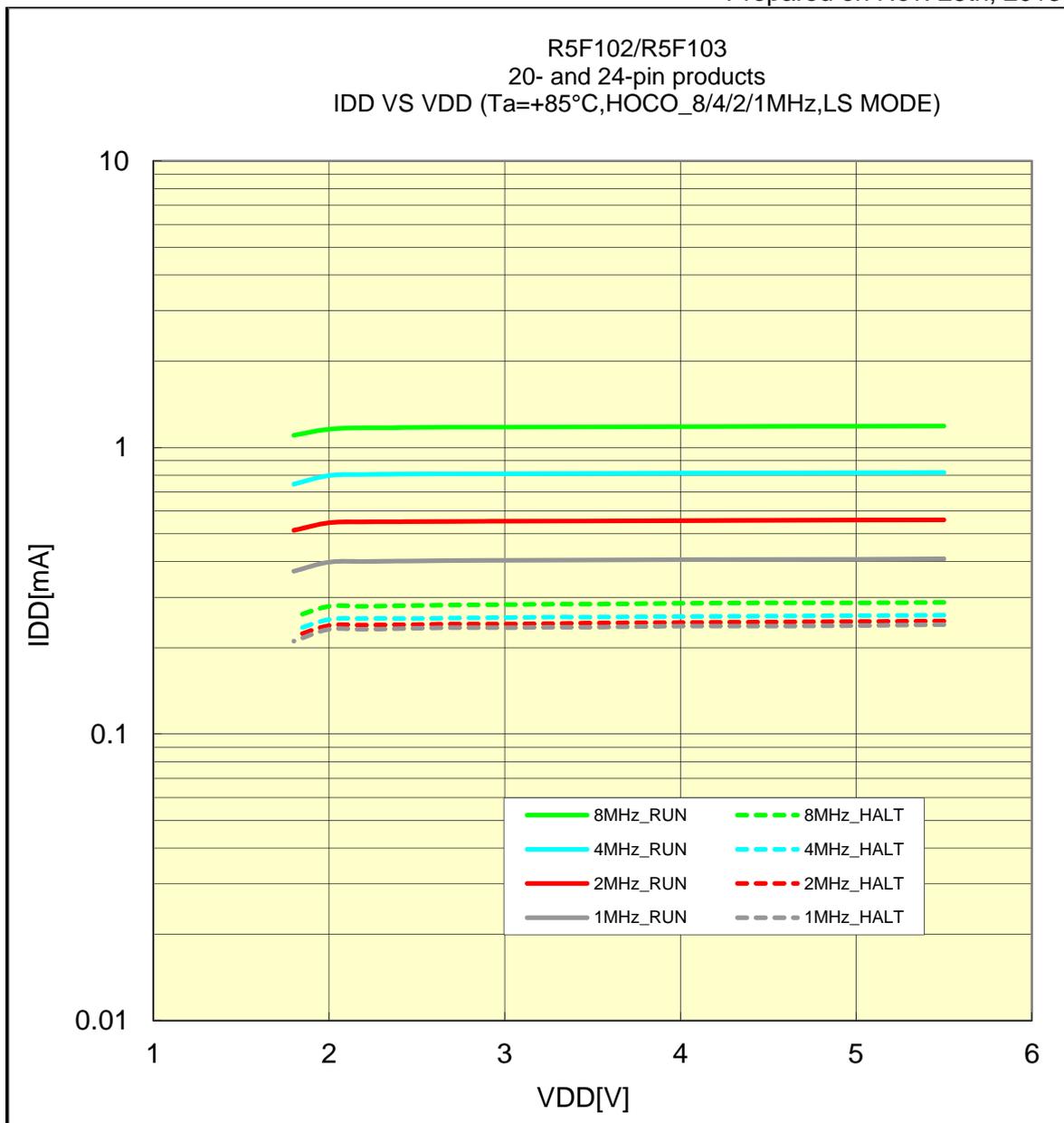


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+85°C/HOCO_8/4/2/1MHz/LS MODE)

Prepared on Nov. 25th, 2013

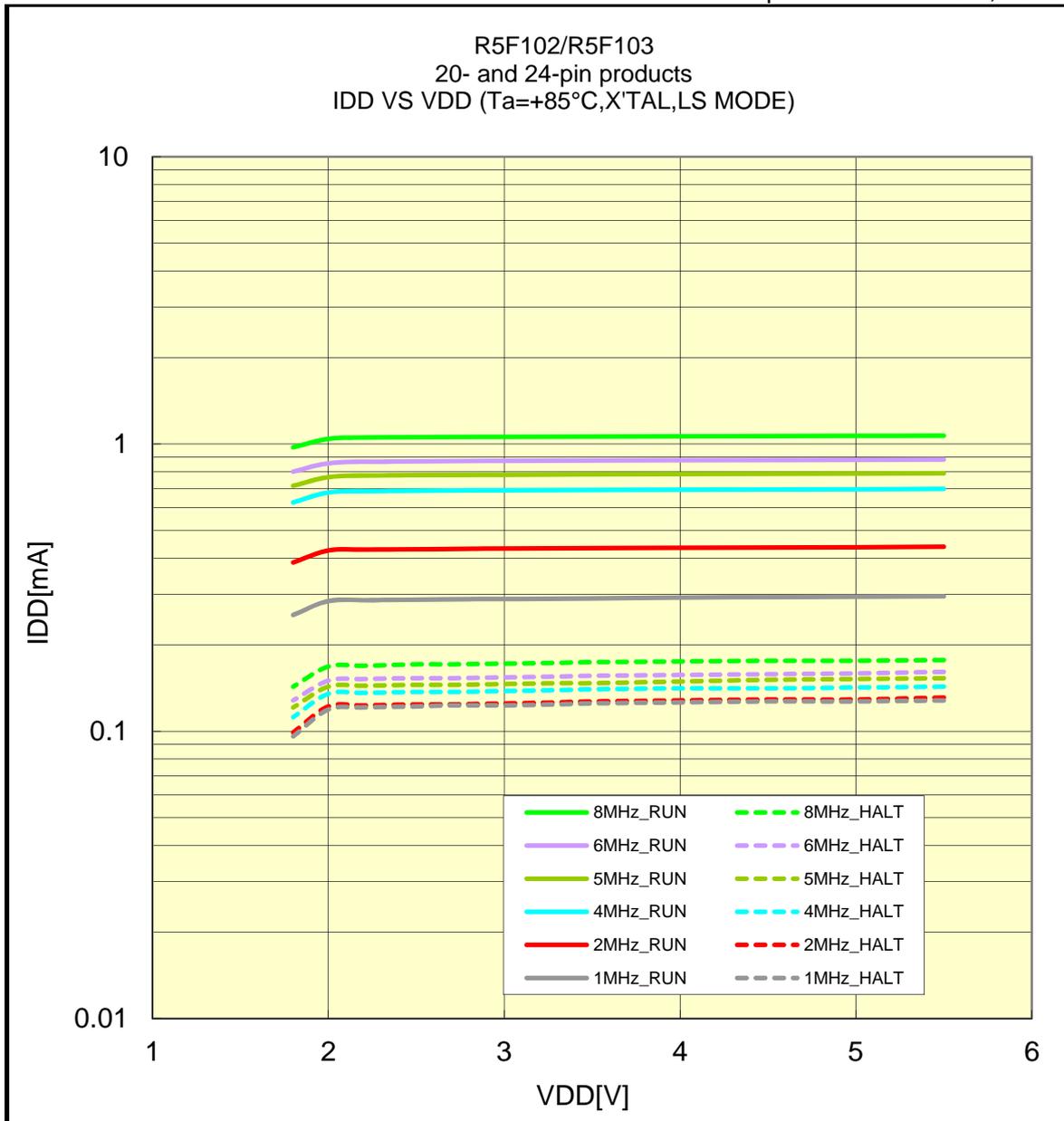


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R5F102/R5F103
20- and 24-pin products

IDD VS VDD(+85°C/X'TAL/LS MODE)

Prepared on Nov. 25th, 2013

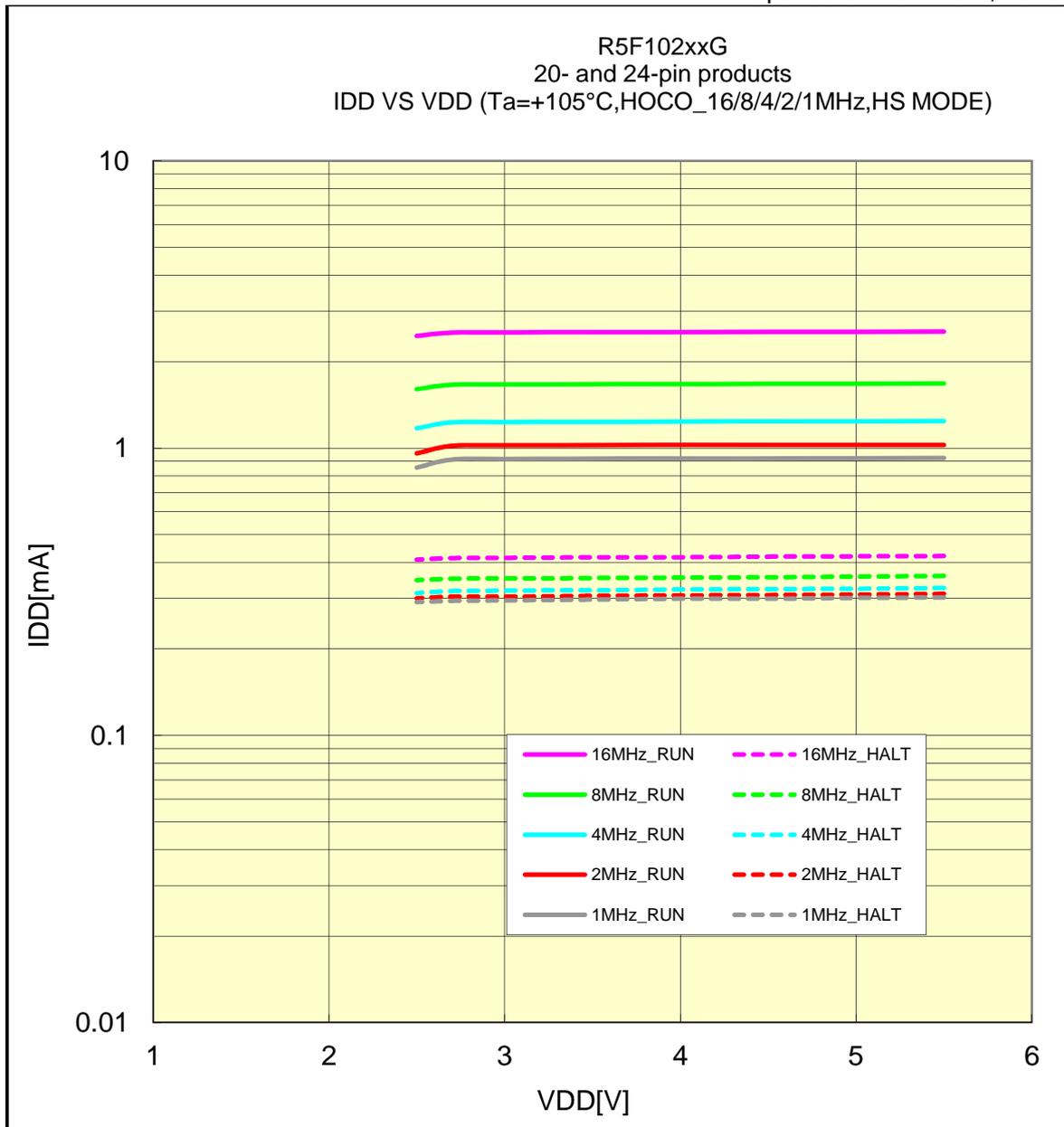


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102 for the products "G: Industrial applications"
20- and 24-pin products**

IDD VS VDD(+105°C/HOCO_16/8/4/2/1MHz/HS MODE)

Prepared on Nov. 25th, 2013

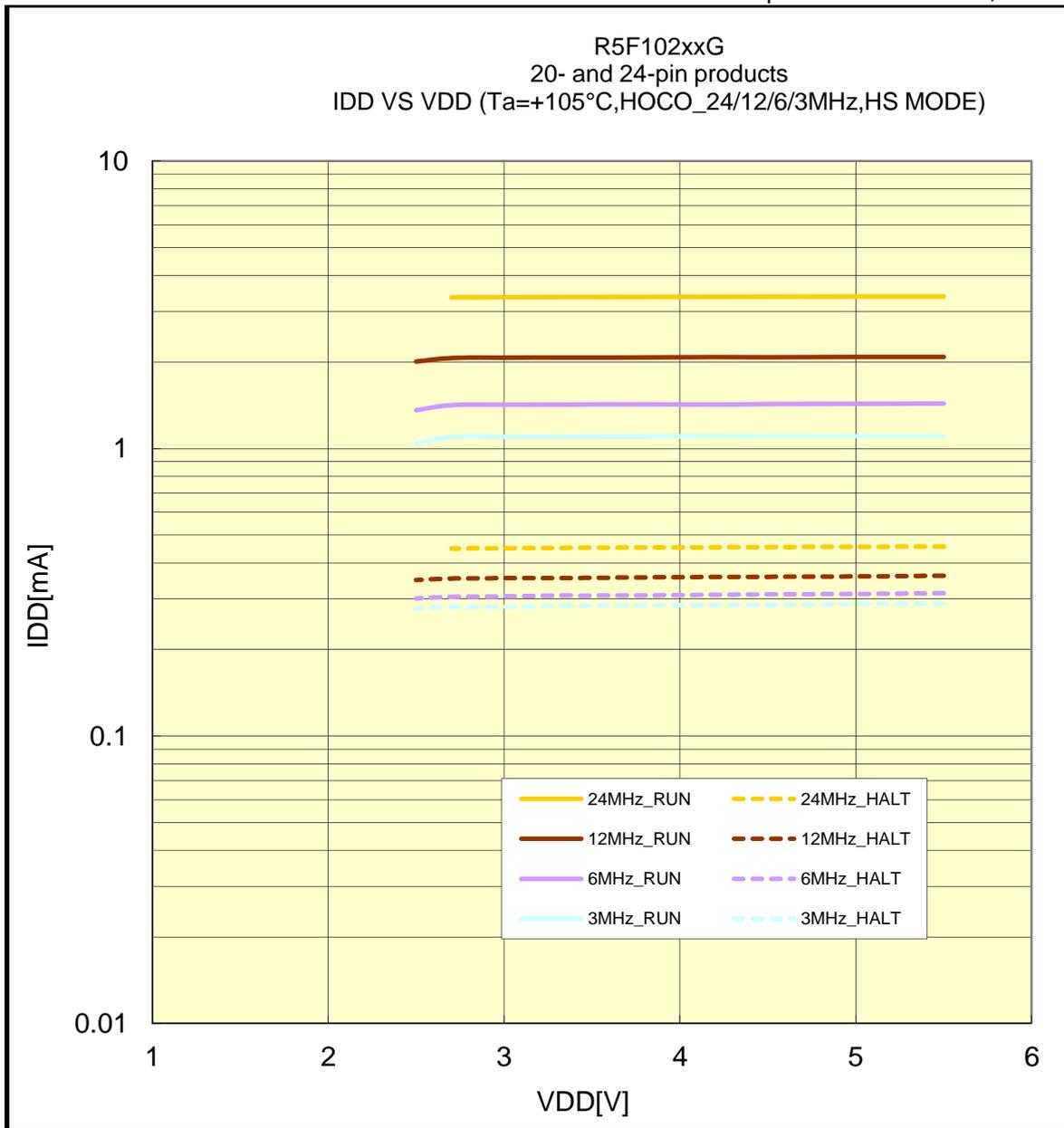


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

**R5F102 for the products "G: Industrial applications"
20- and 24-pin products**

IDD VS VDD(+105°C/HOCO_24/12/6/3MHz/HS MODE)

Prepared on Nov. 25th, 2013

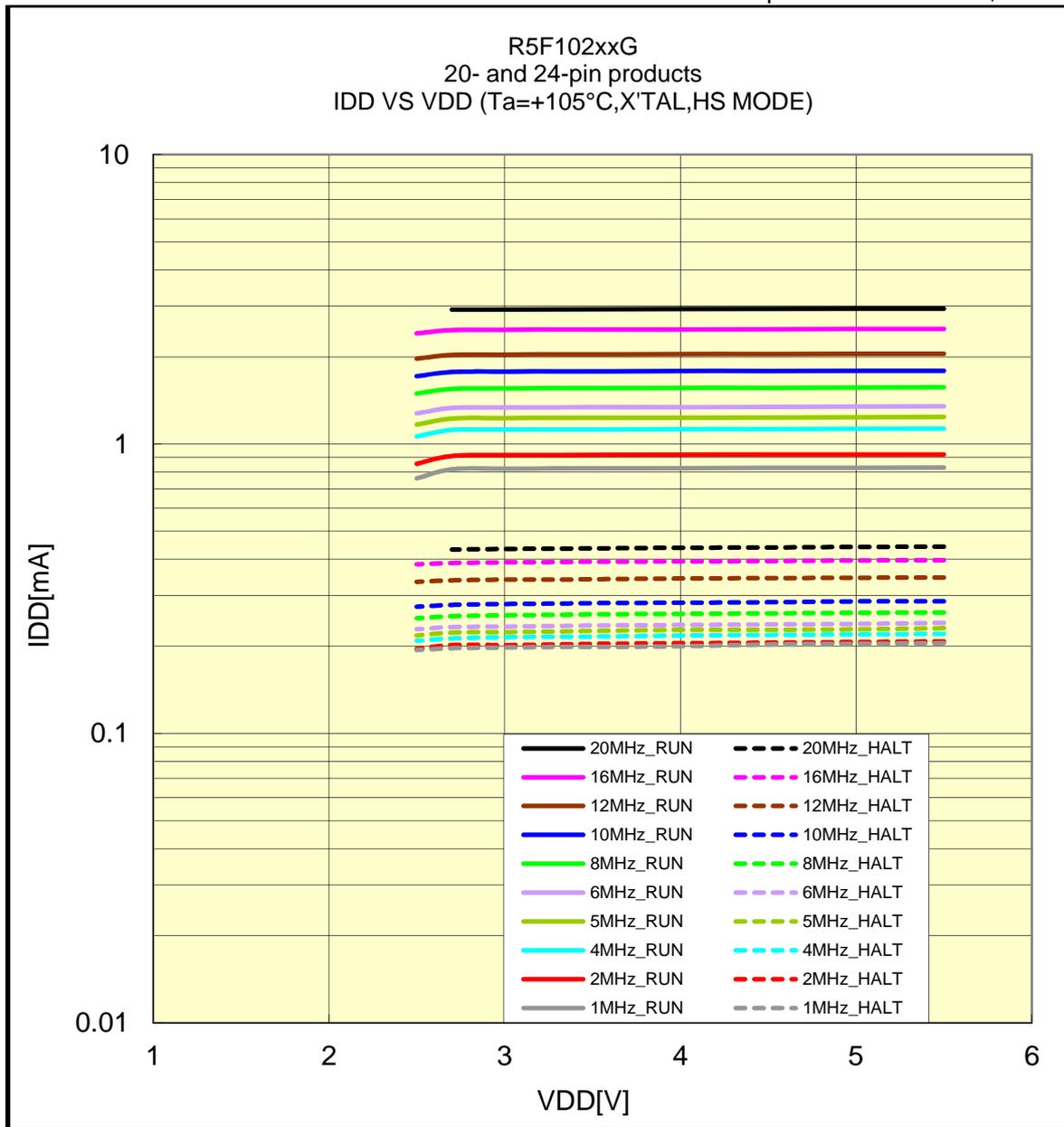


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102 for the products "G: Industrial applications" 20- and 24-pin products

IDD VS VDD(+105°C/X'TAL/HS MODE)

Prepared on Nov. 25th, 2013

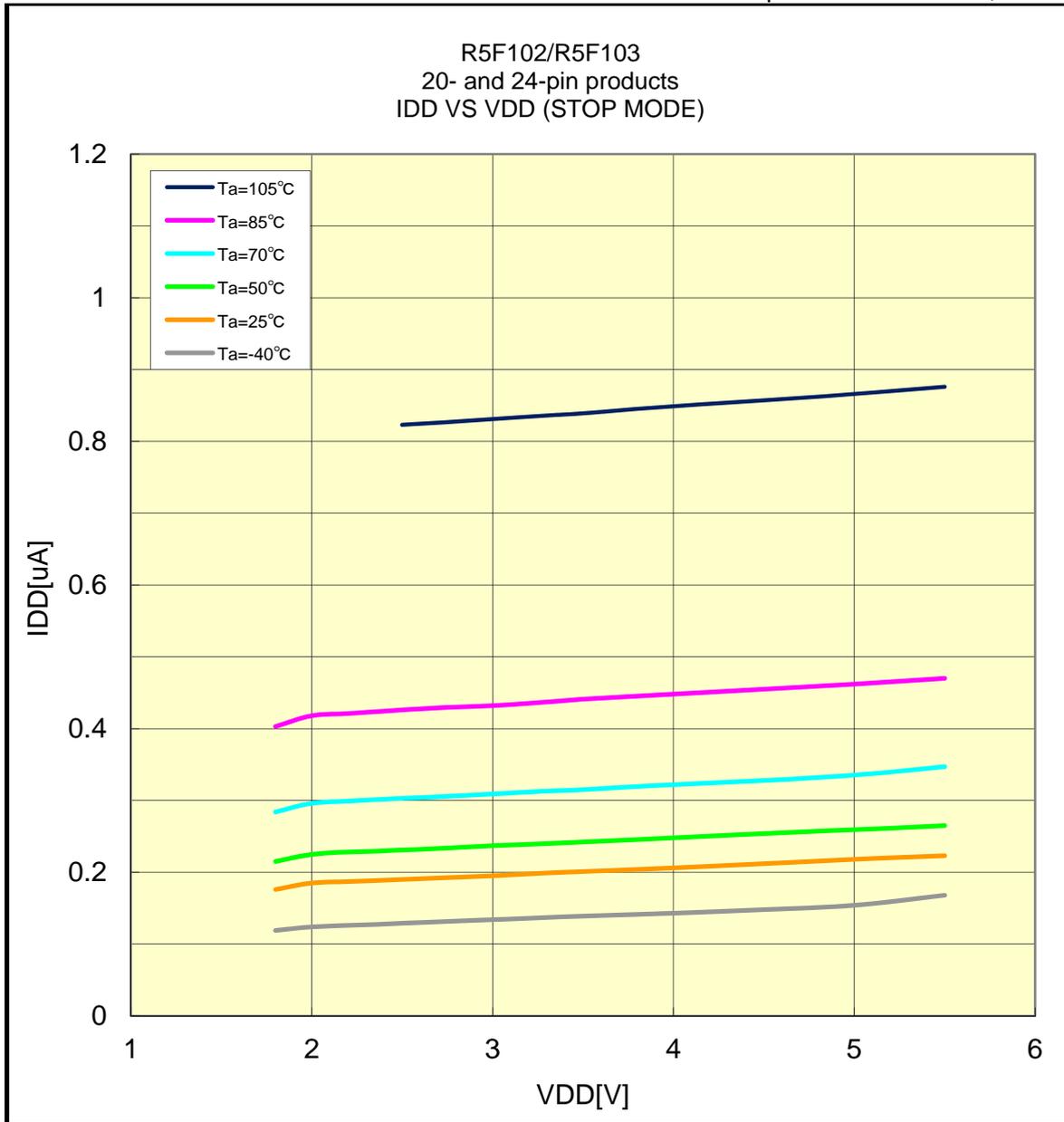


The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F102/R5F103
20- and 24-pin products

IDD VS VDD(STOP MODE)

Prepared on Nov. 25th, 2013



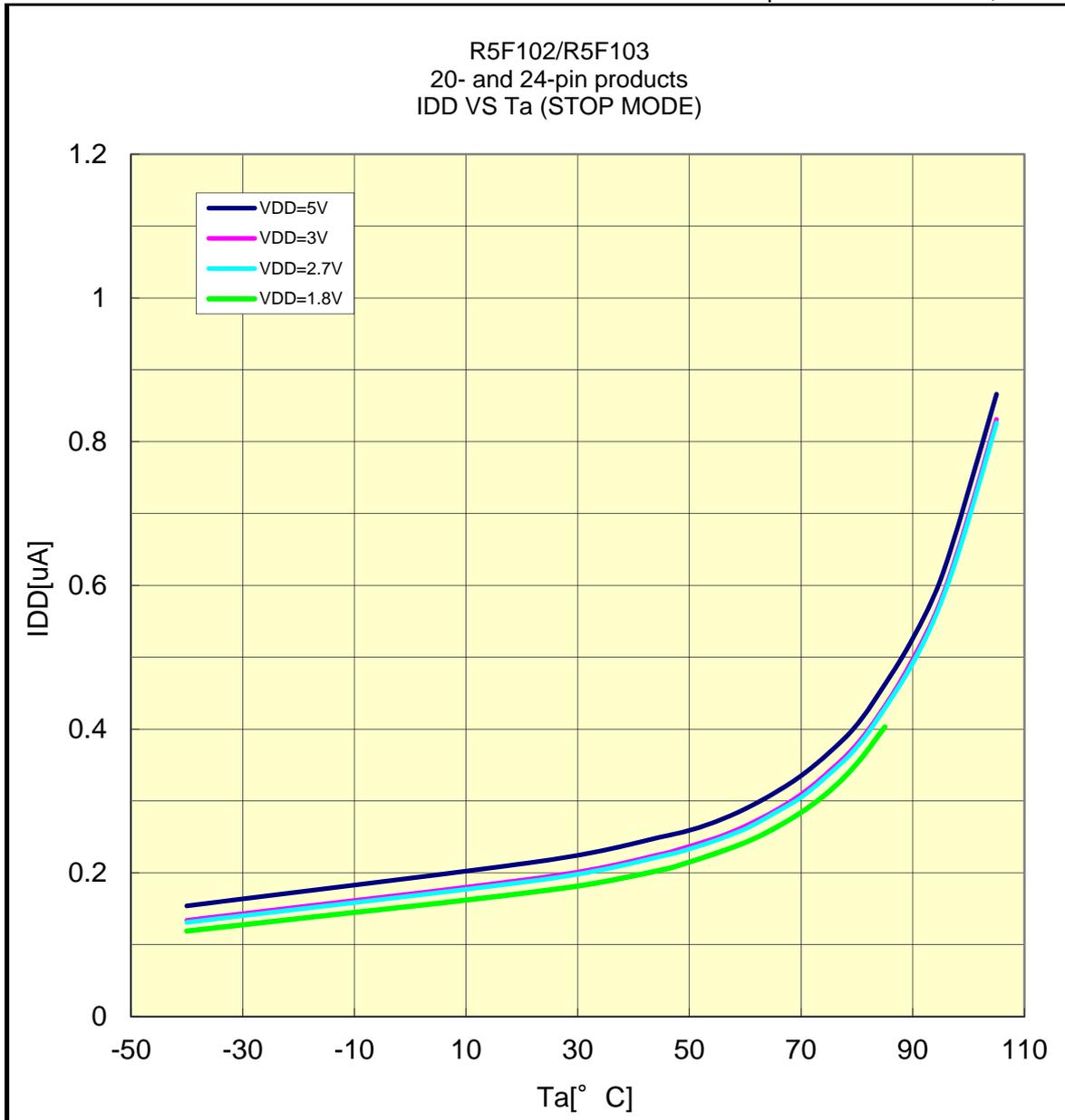
Caution. When RL78/G12 is used in the range of TA = +85 to +105°C, use the R5F102 for the products "G: Industrial applications".

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
20- and 24-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.