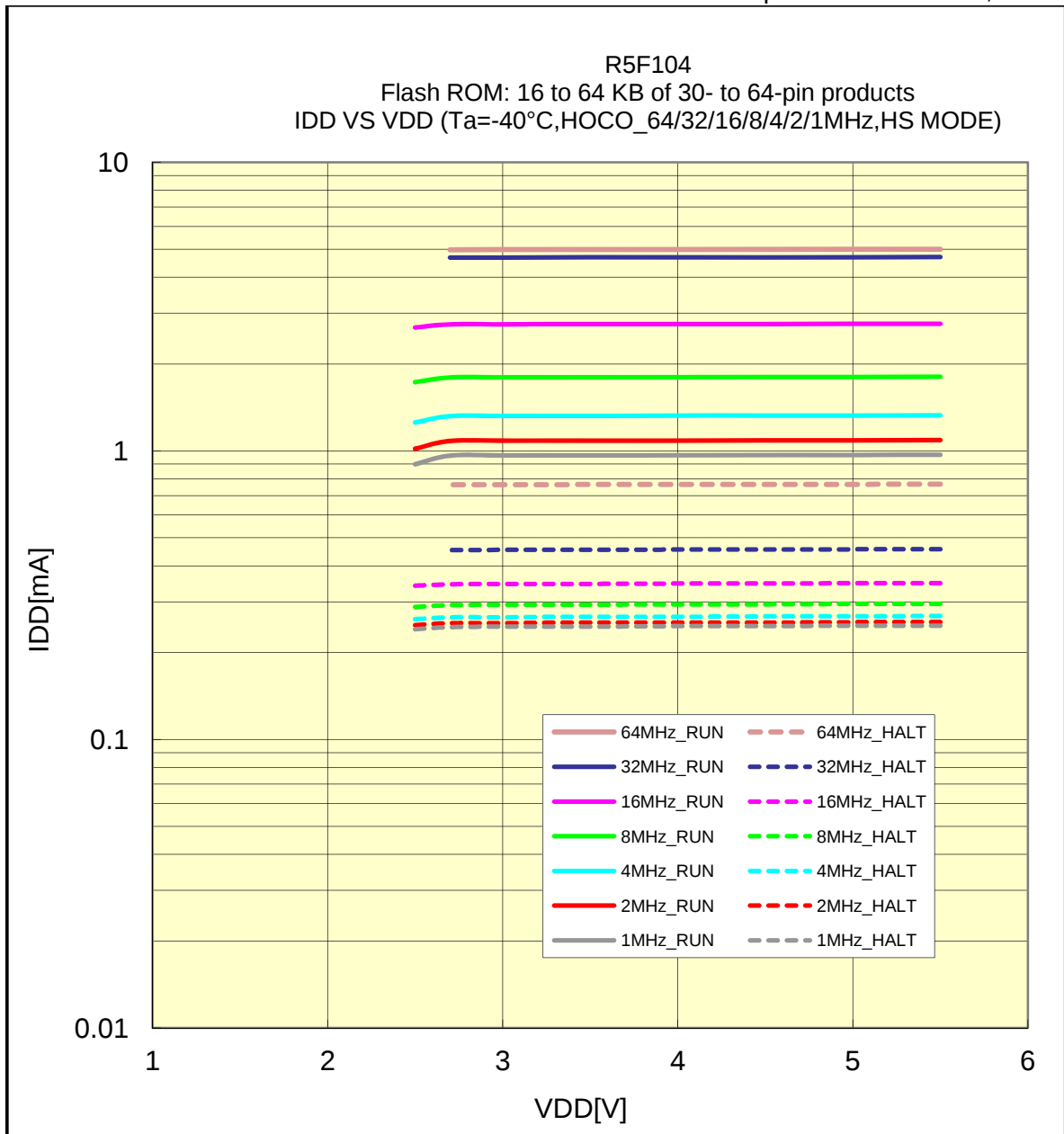


R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/HOCO_64/32/16/8/4/2/1MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. 64MHz can be used for timer RD.

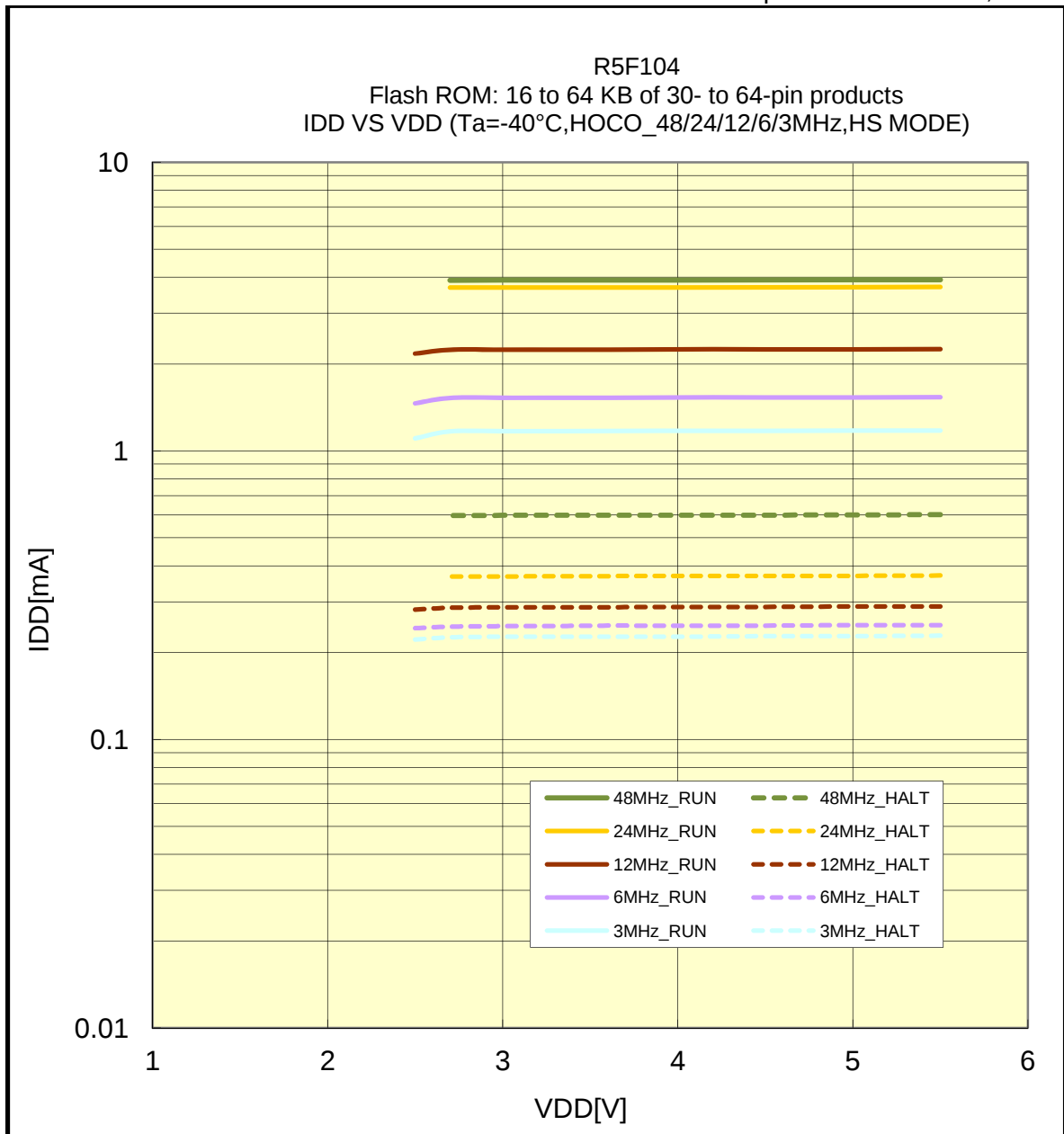
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/HOCO_48/24/12/6/3MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. 48MHz can be used for timer RD.

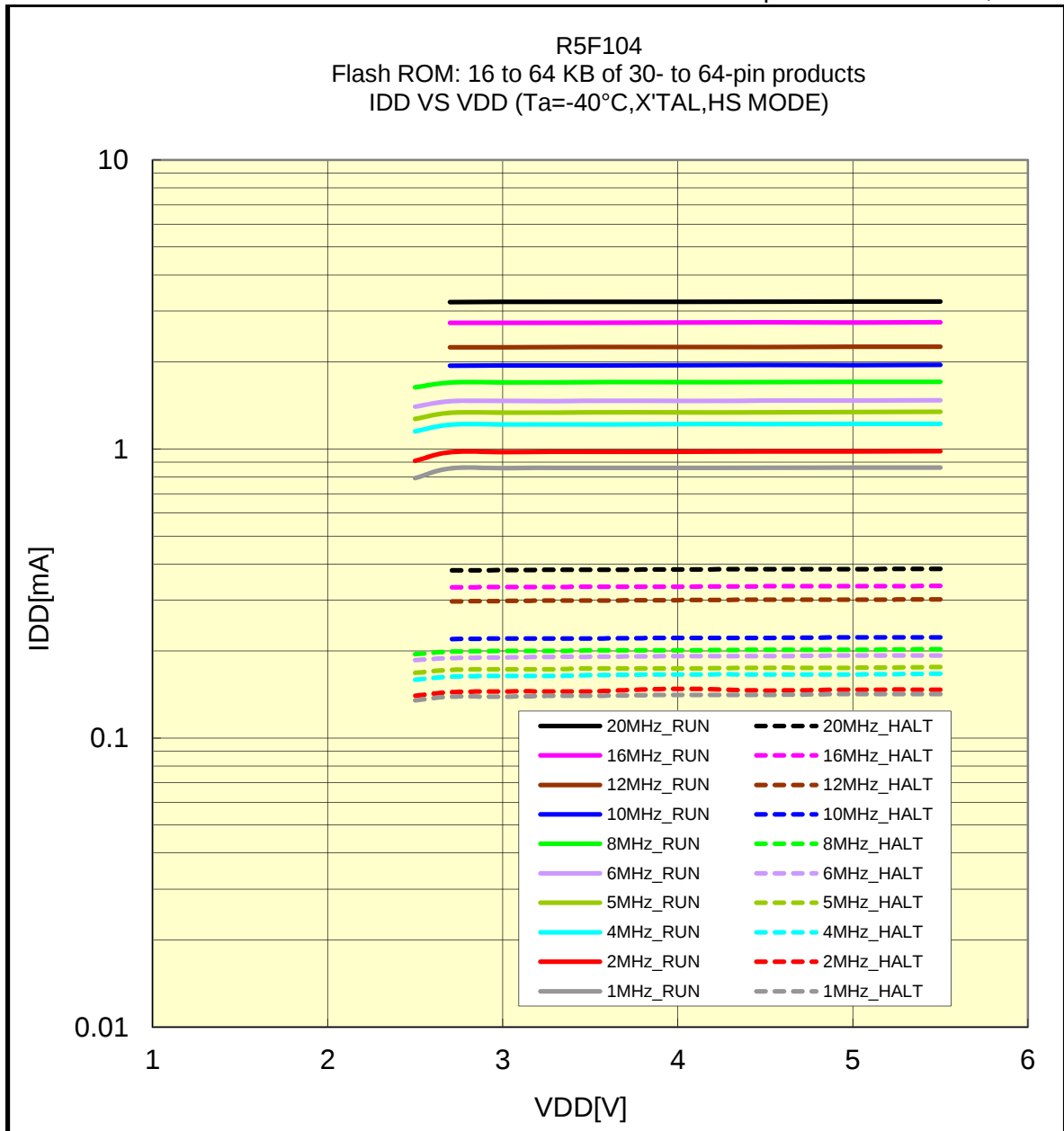
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/X'TAL/HS MODE)

Prepared on Feb. 28th, 2014



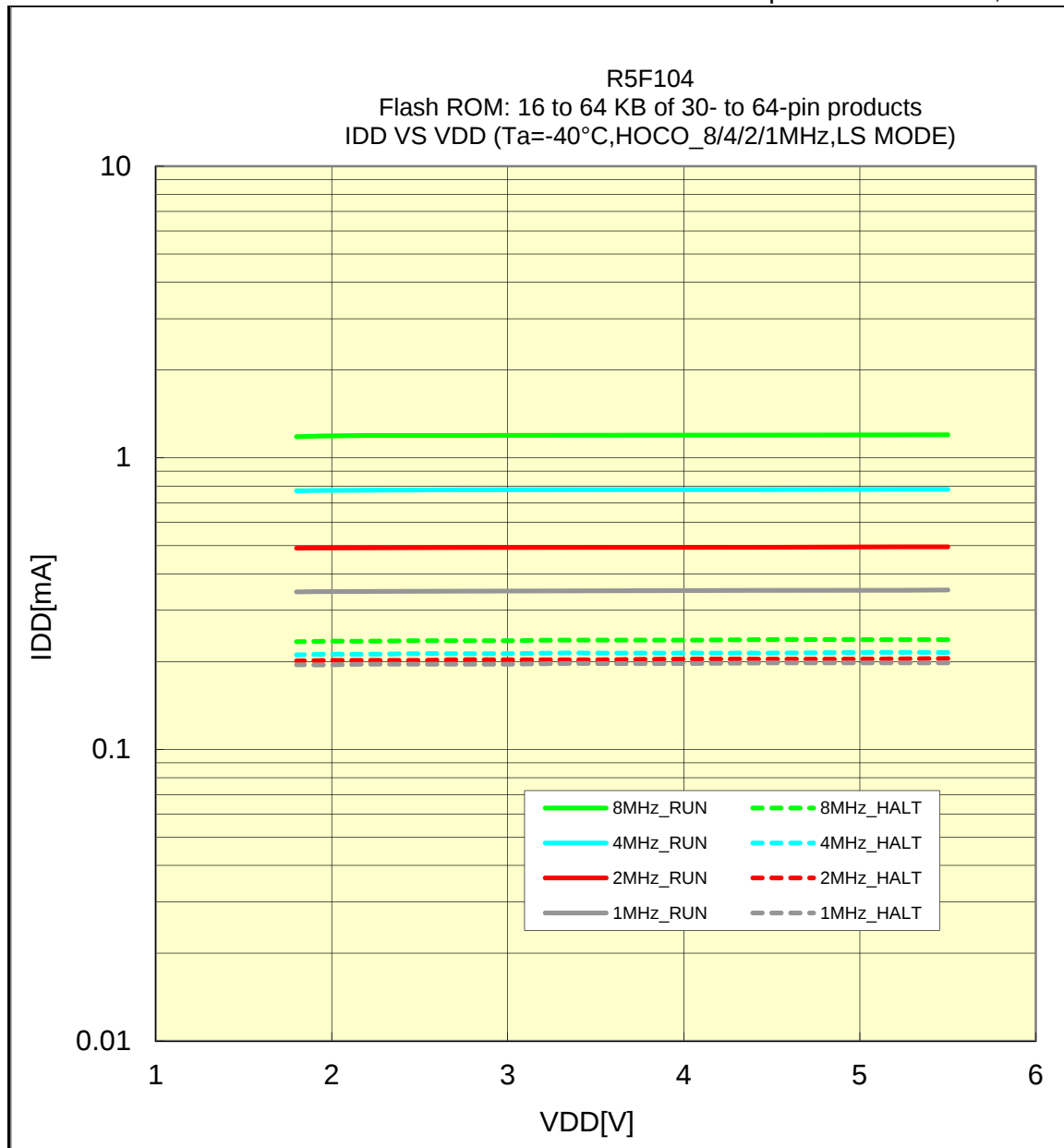
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

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

Prepared on Feb. 28th, 2014



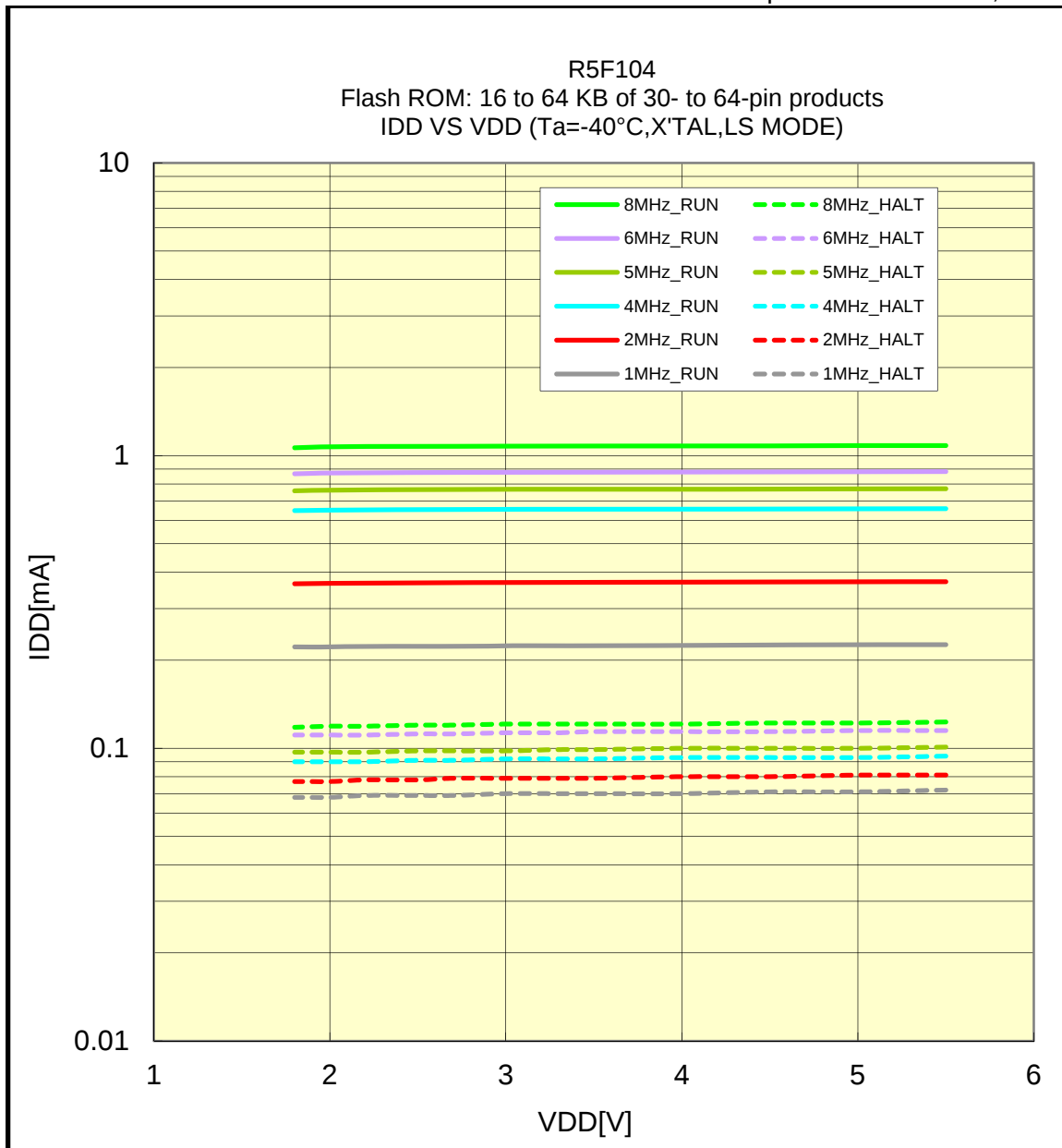
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/X'TAL/LS MODE)

Prepared on Feb. 28th, 2014



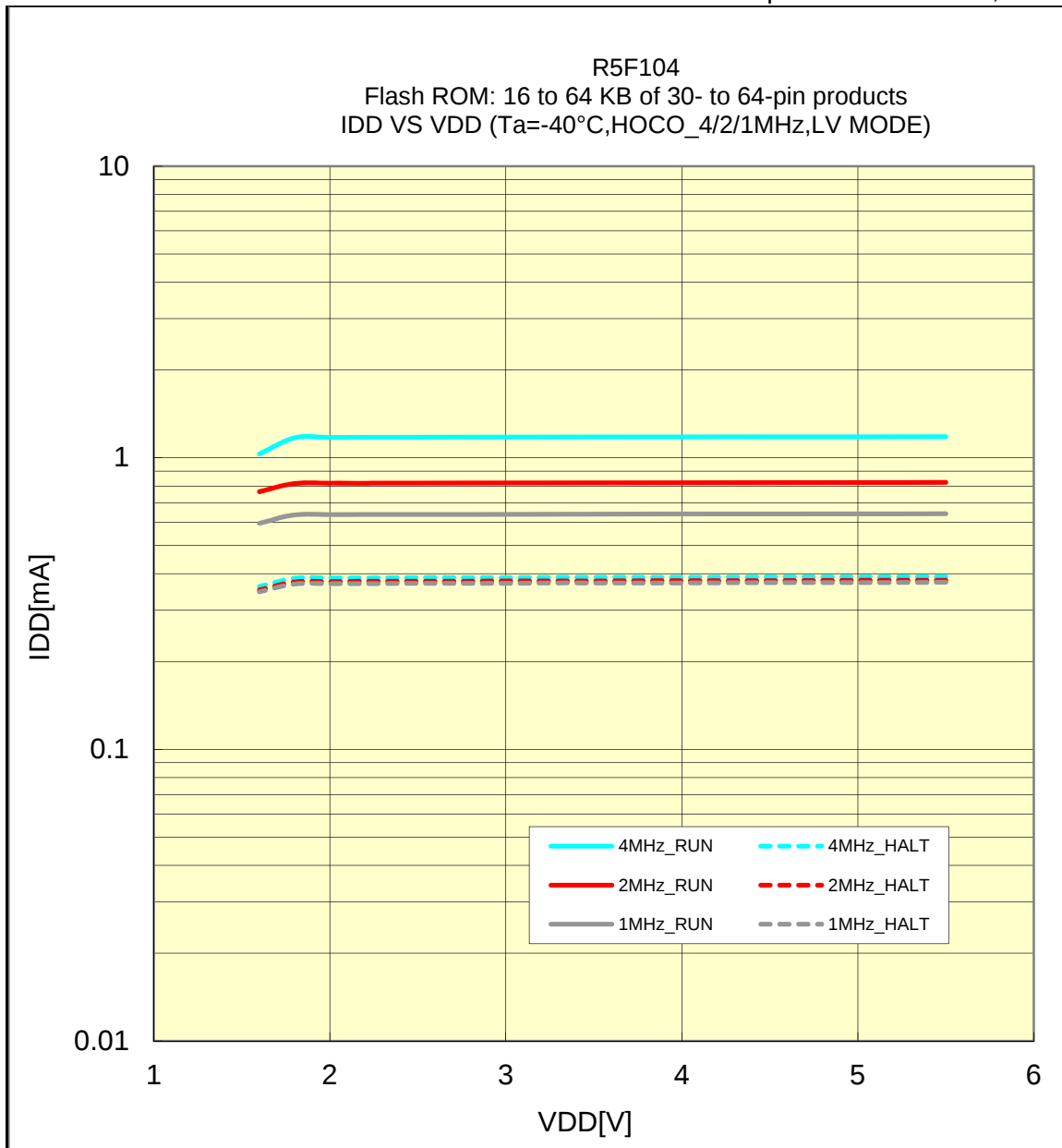
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/HOCO_4/2/1MHz/LV MODE)

Prepared on Feb. 28th, 2014



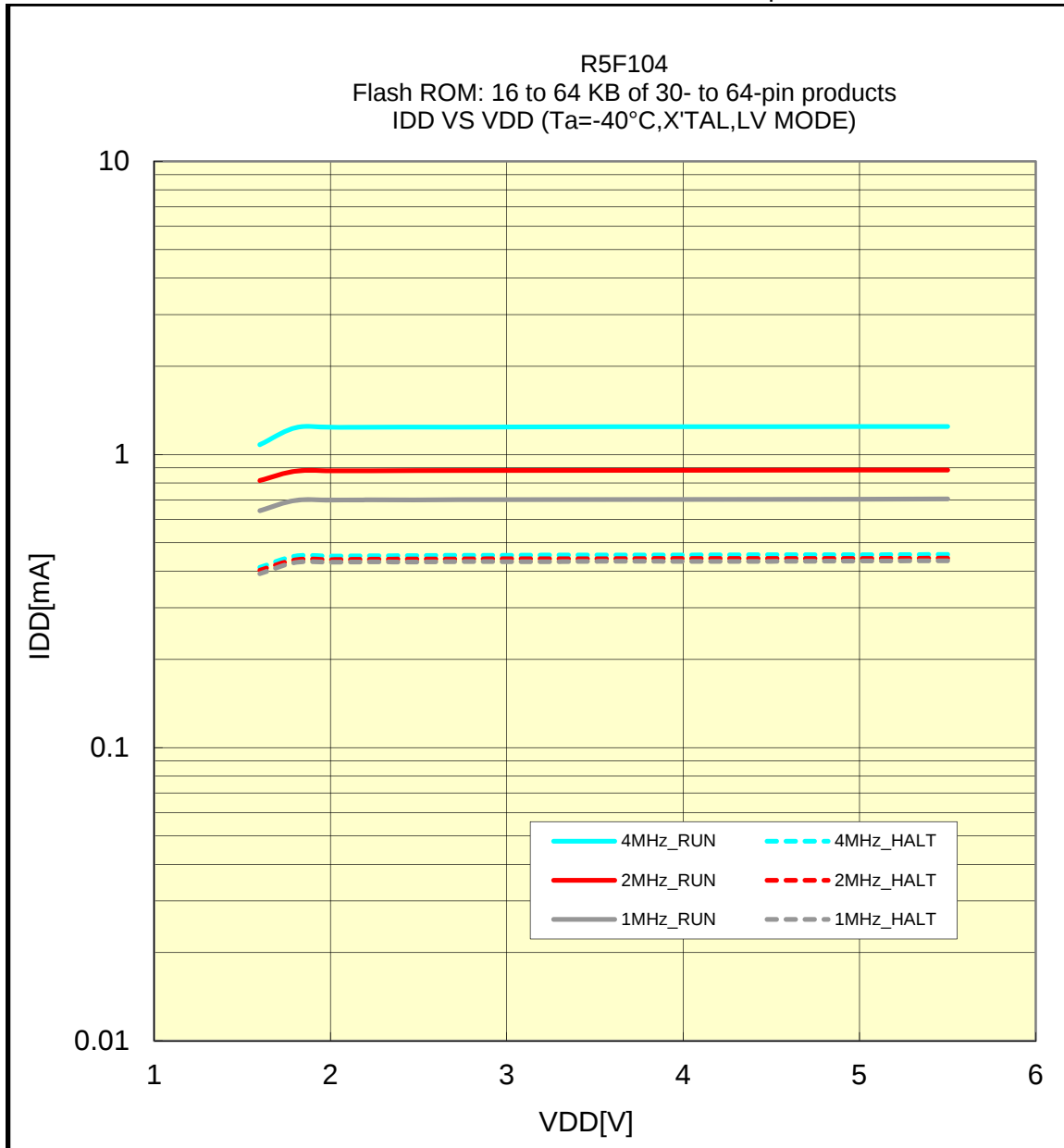
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/X'TAL/LV MODE)

Prepared on Feb. 28th, 2014



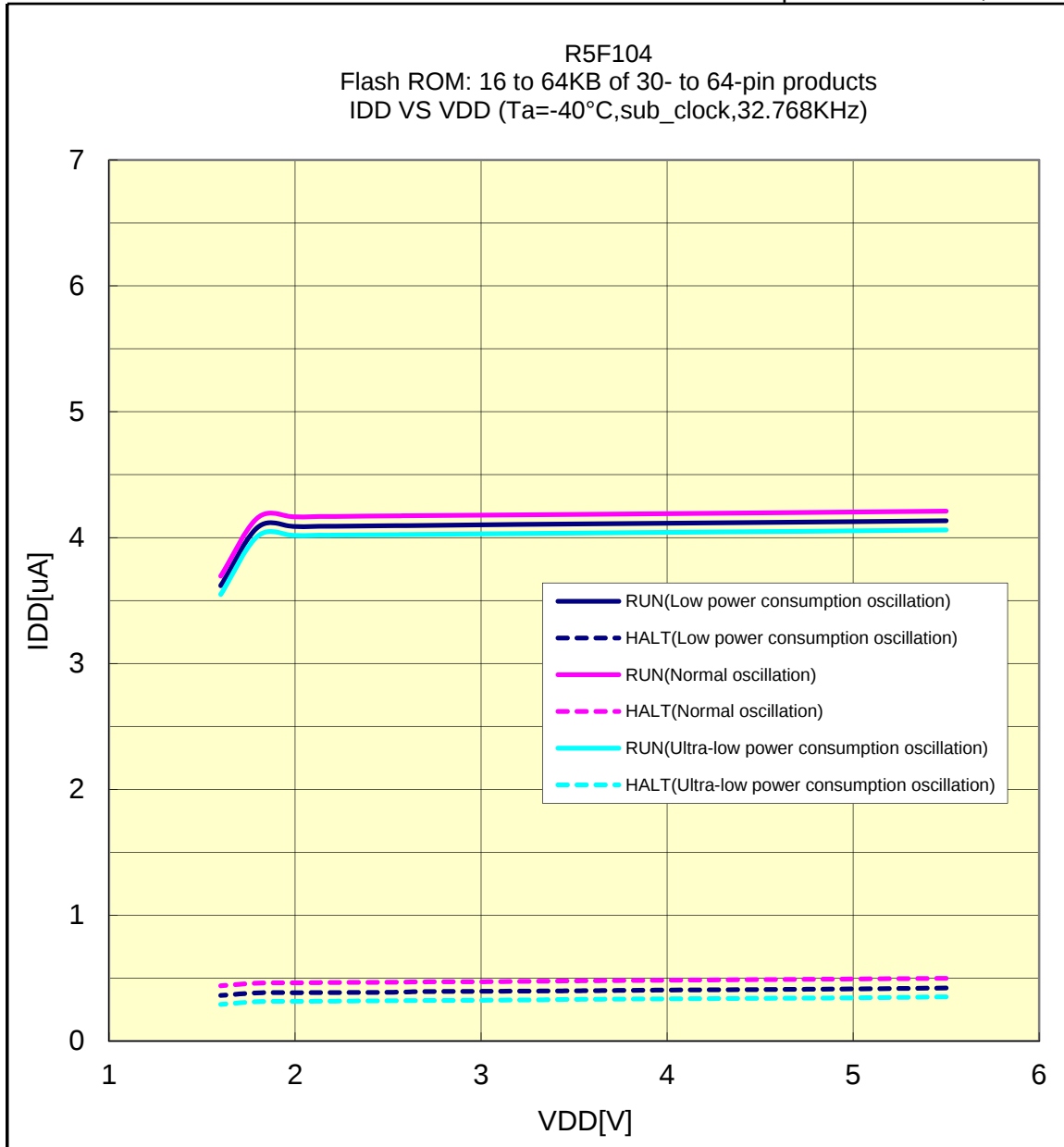
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(-40°C/sub_clock/32.768KHz)

Prepared on Jul. 4th, 2014



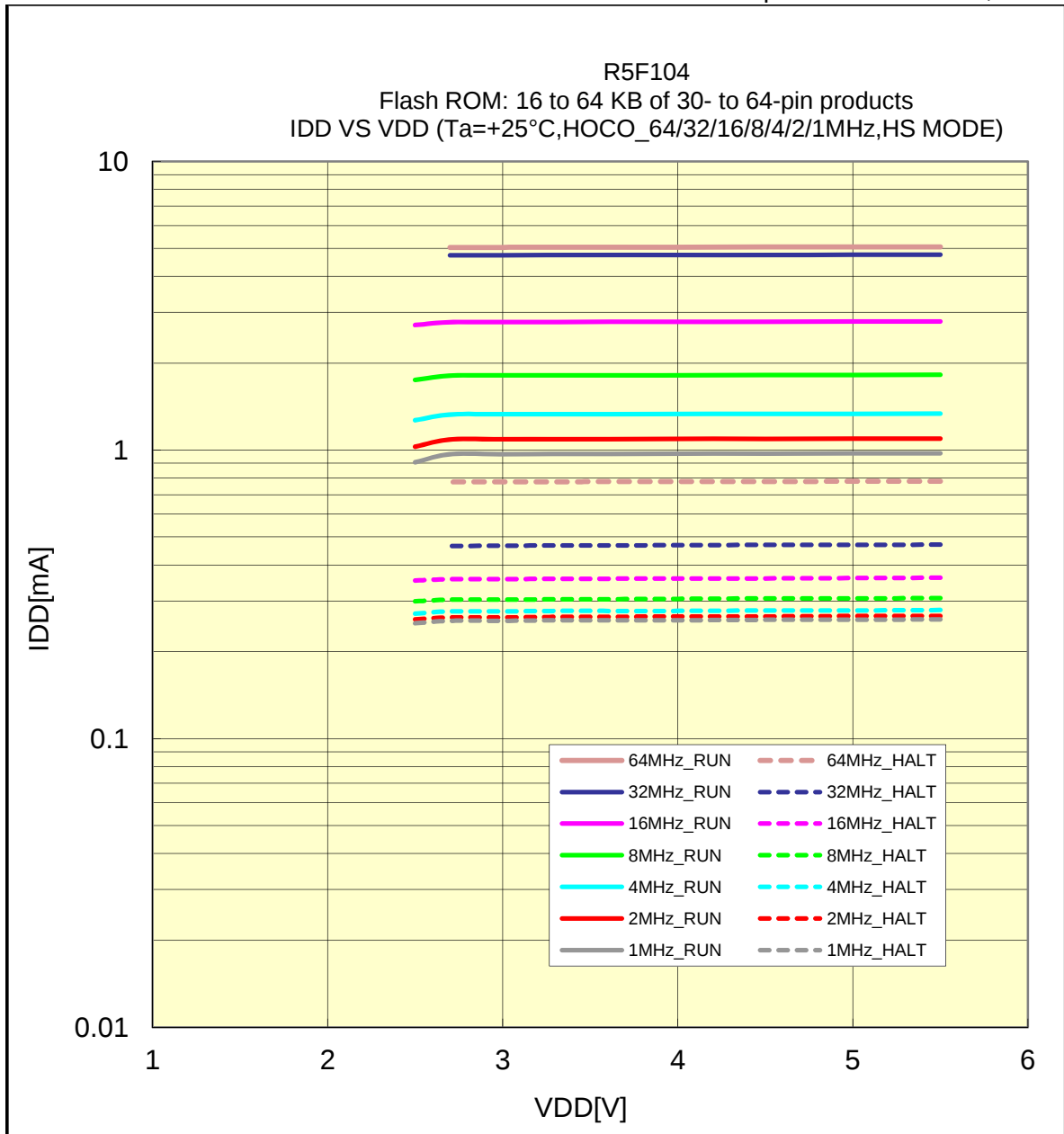
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+25°C/HOCO_64/32/16/8/4/2/1MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. 64MHz can be used for timer RD.

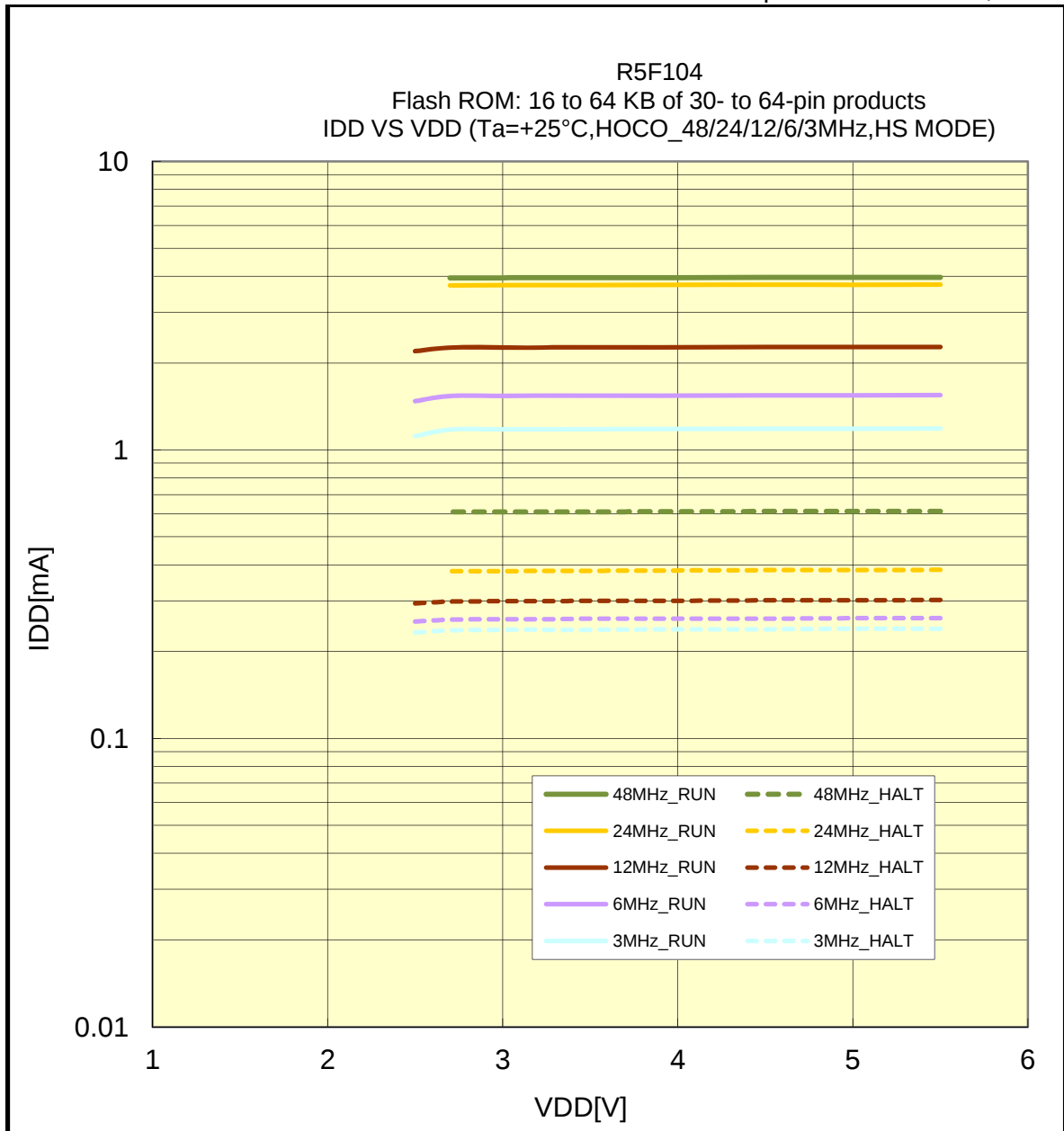
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+25°C/HOCO_48/24/12/6/3MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. 48MHz can be used for timer RD.

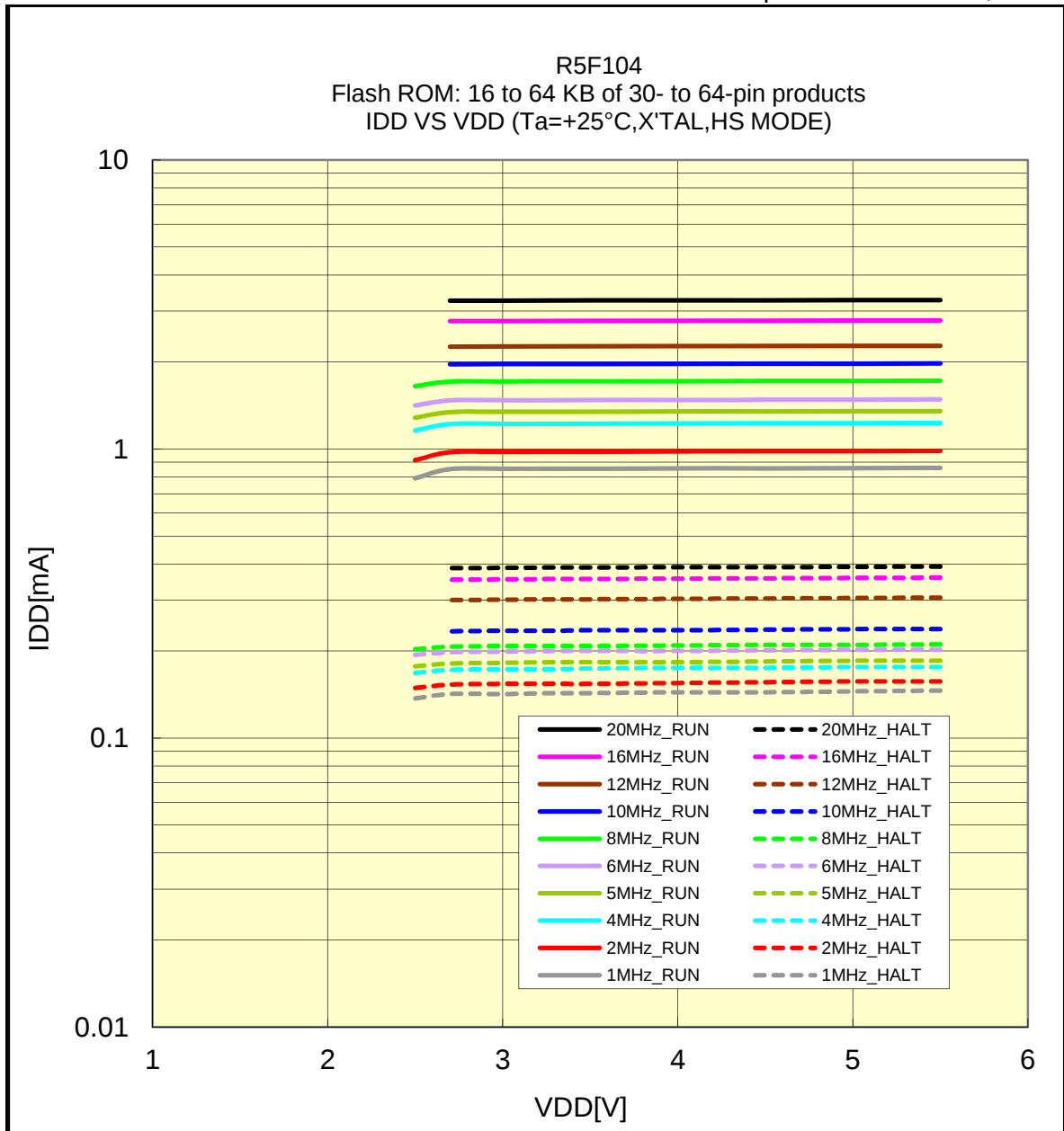
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+25°C/X'TAL/HS MODE)

Prepared on Feb. 28th, 2014



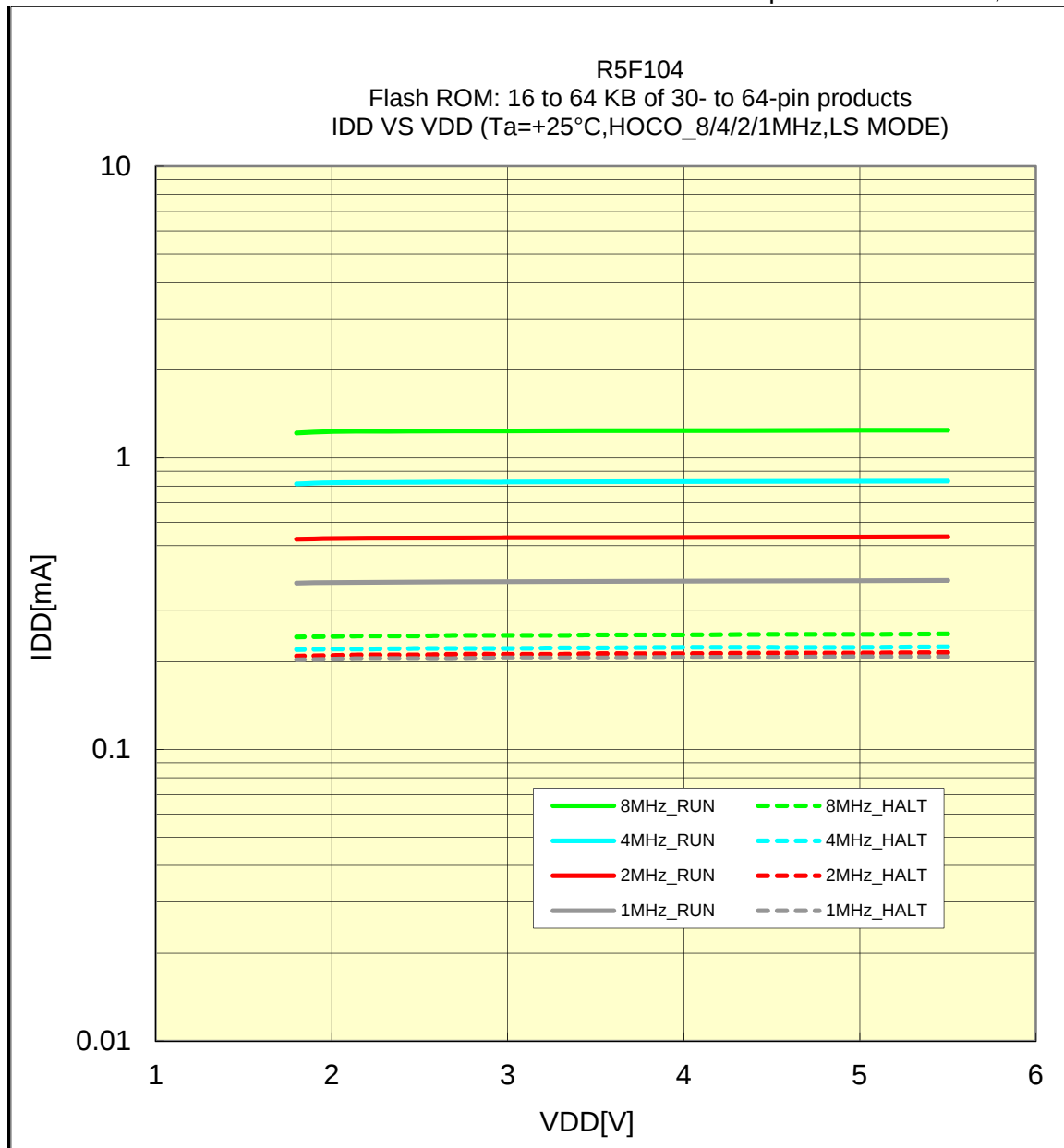
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

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

Prepared on Feb. 28th, 2014



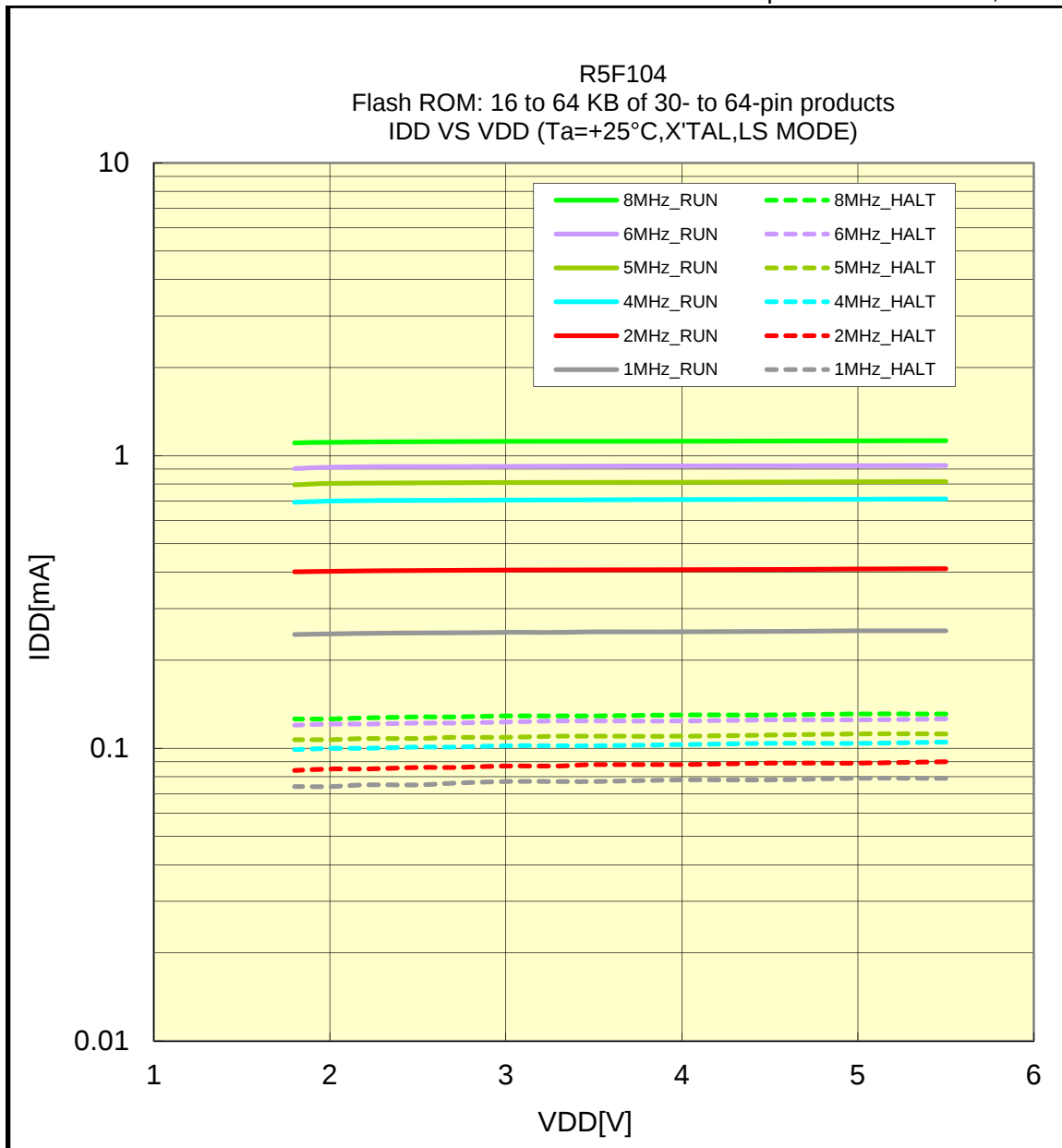
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+25°C/X'TAL/LS MODE)

Prepared on Feb. 28th, 2014



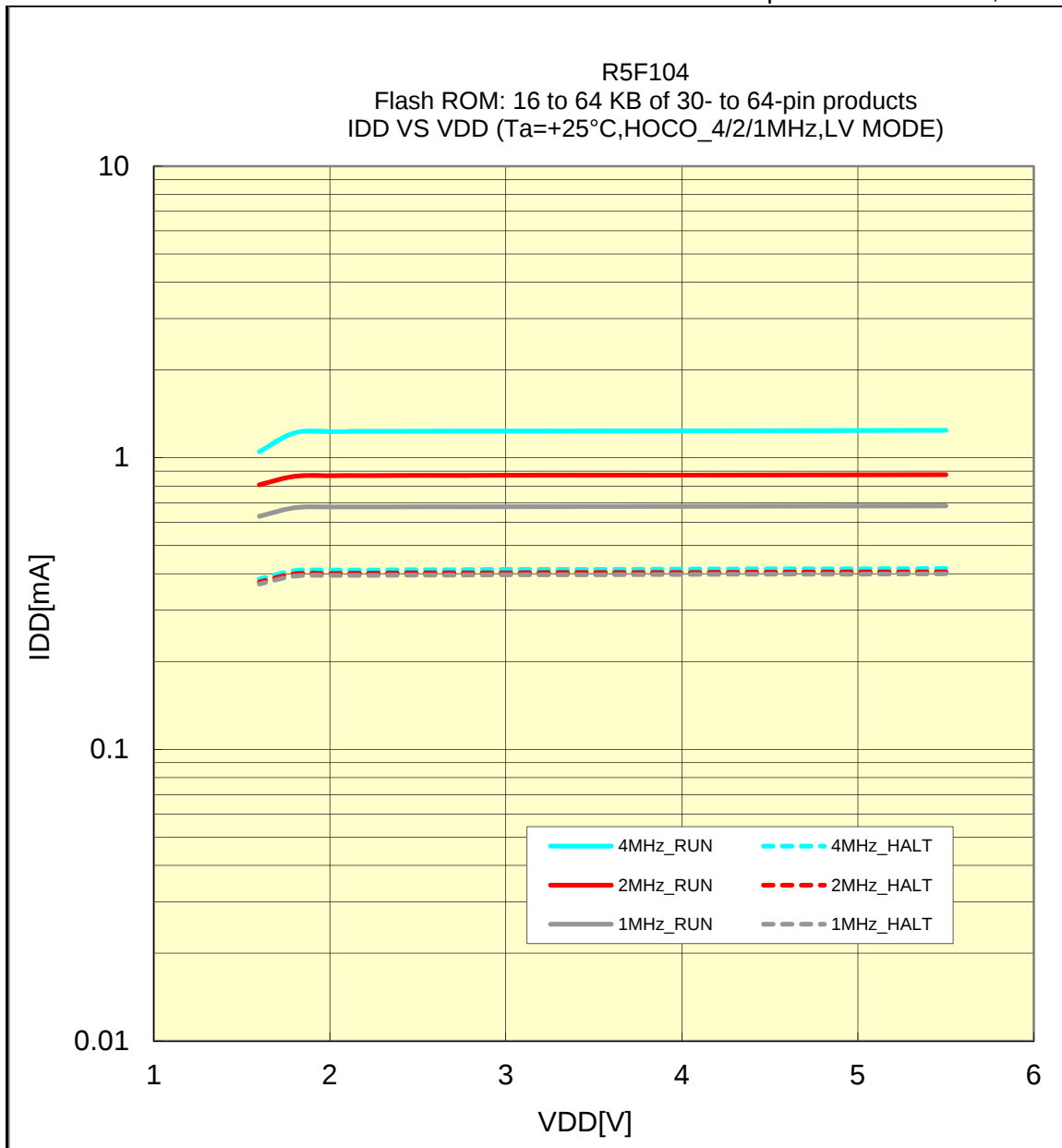
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+25°C/HOCO_4/2/1MHz/LV MODE)

Prepared on Feb. 28th, 2014



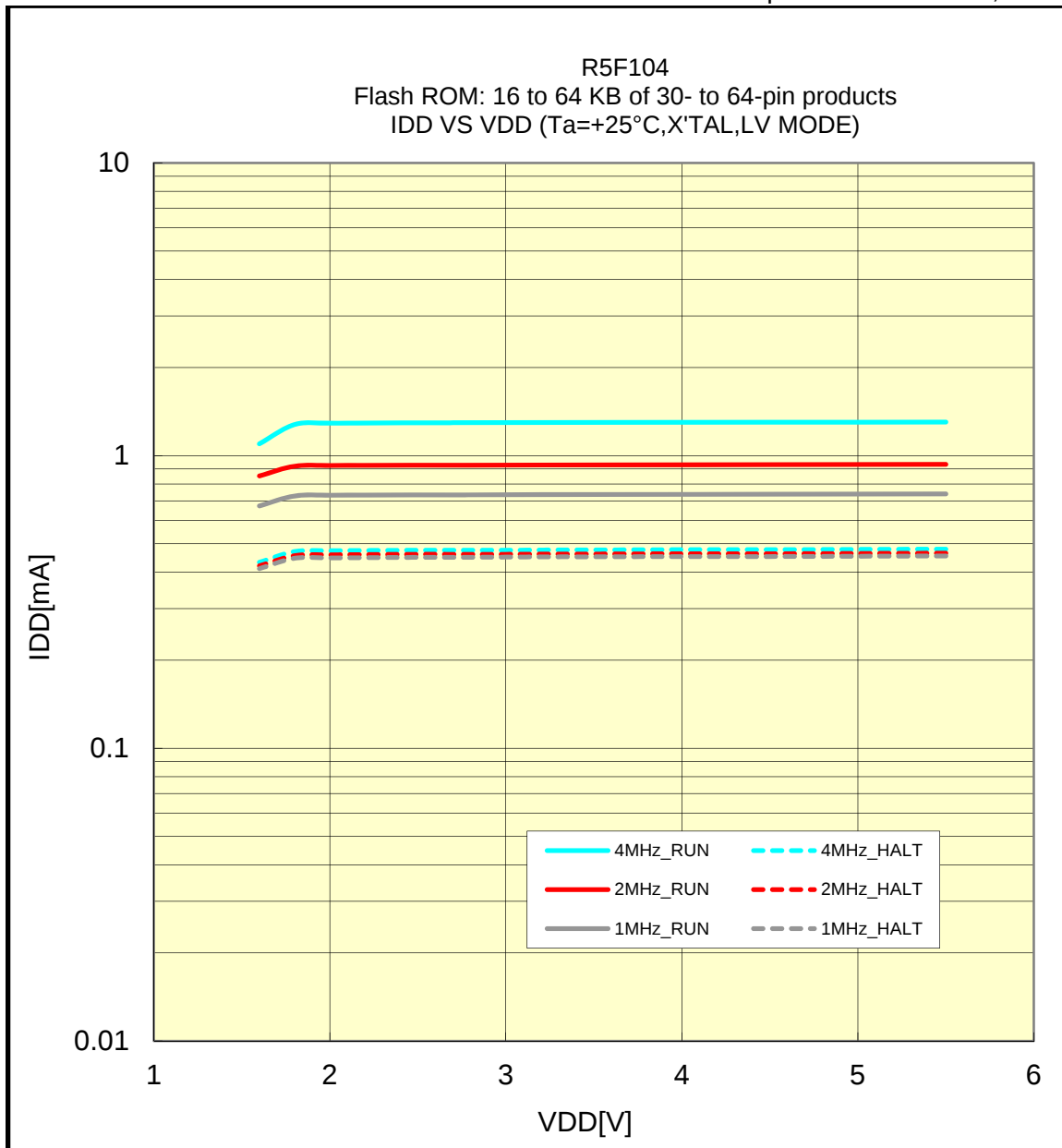
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+25°C/X'TAL/LV MODE)

Prepared on Feb. 28th, 2014



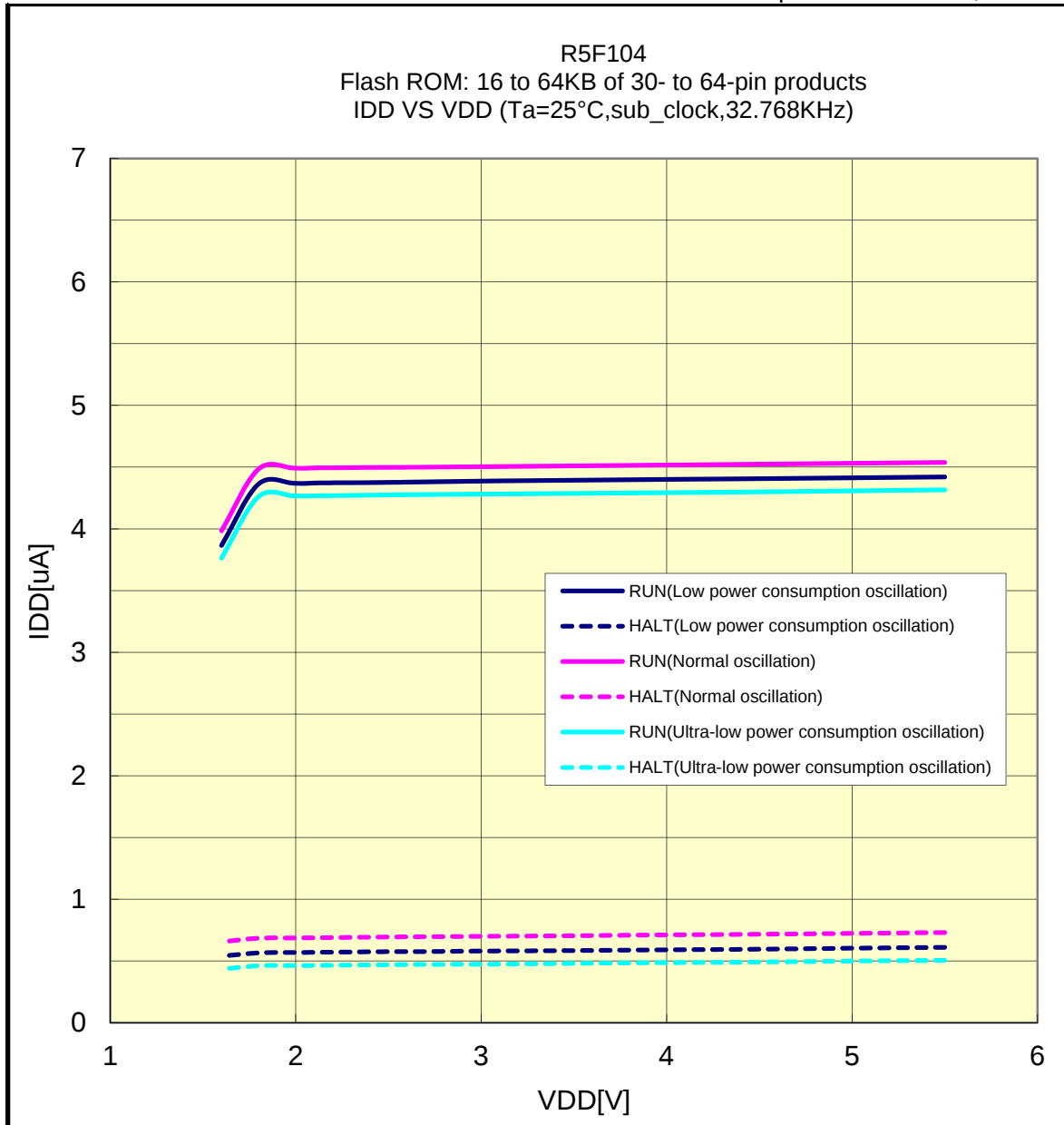
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(25°C/sub_clock/32.768KHz)

Prepared on Jul. 4th, 2014



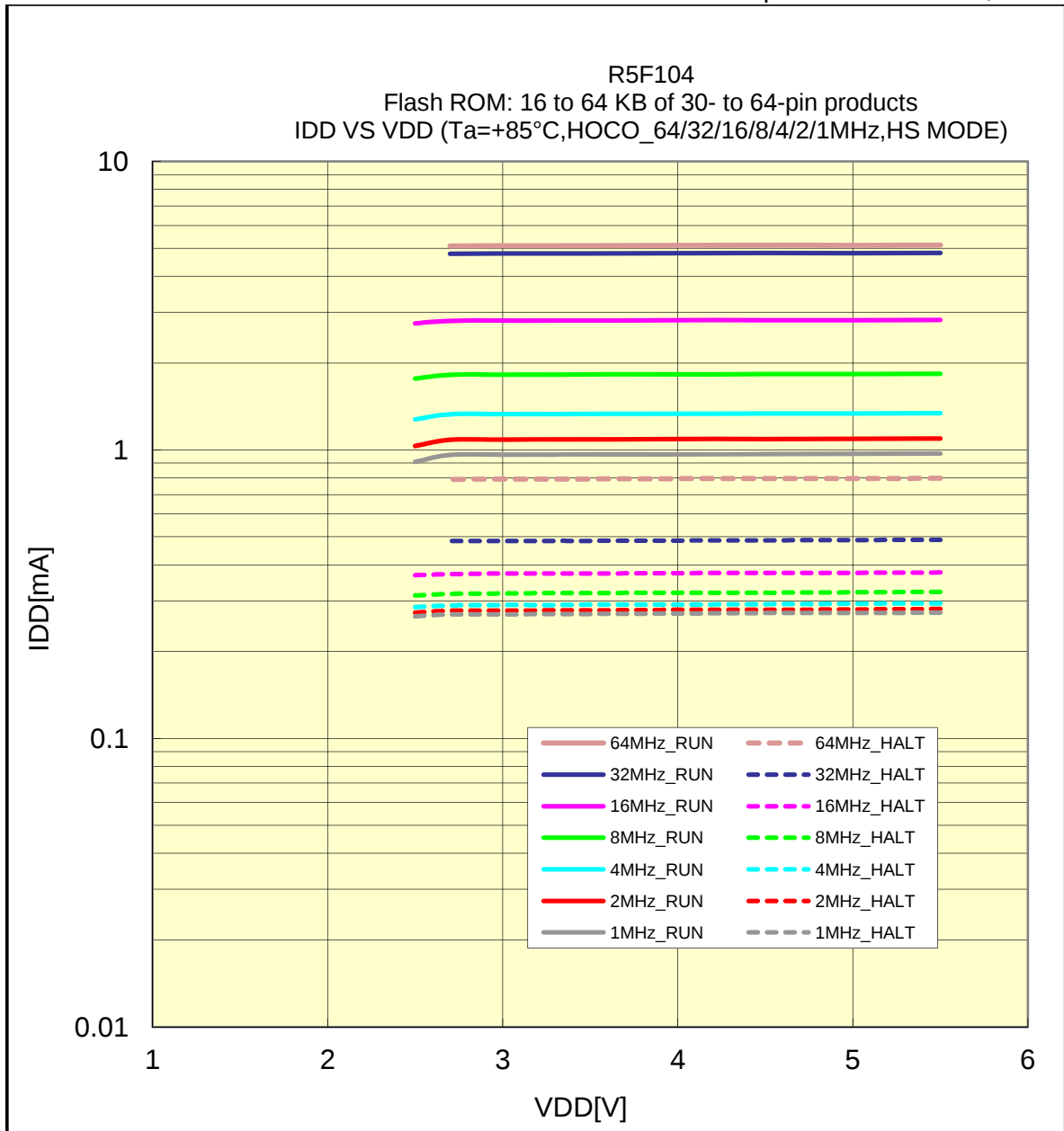
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+85°C/HOCO_64/32/16/8/4/2/1MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. 64MHz can be used for timer RD.

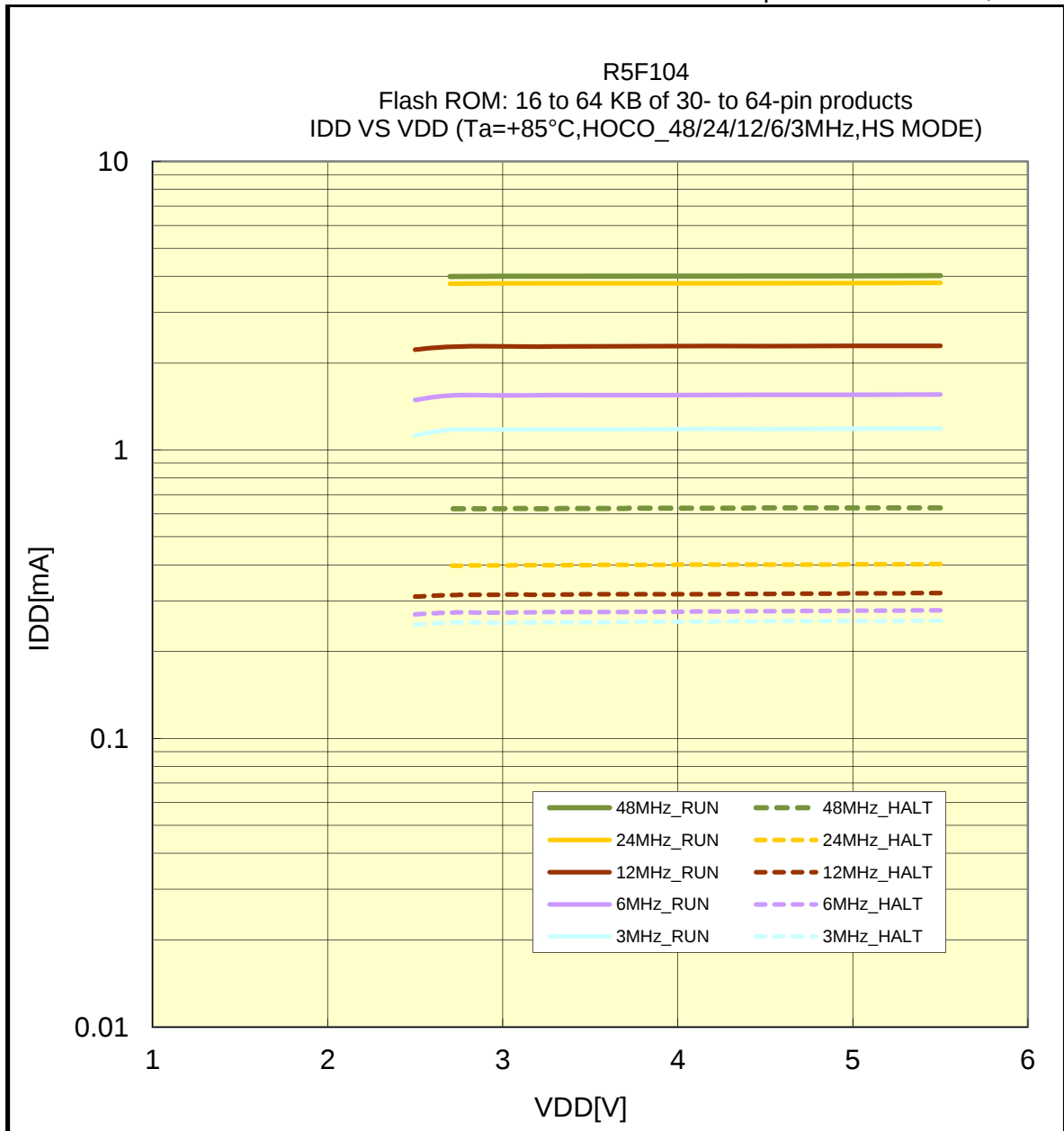
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+85°C/HOCO_48/24/12/6/3MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. 48MHz can be used for timer RD.

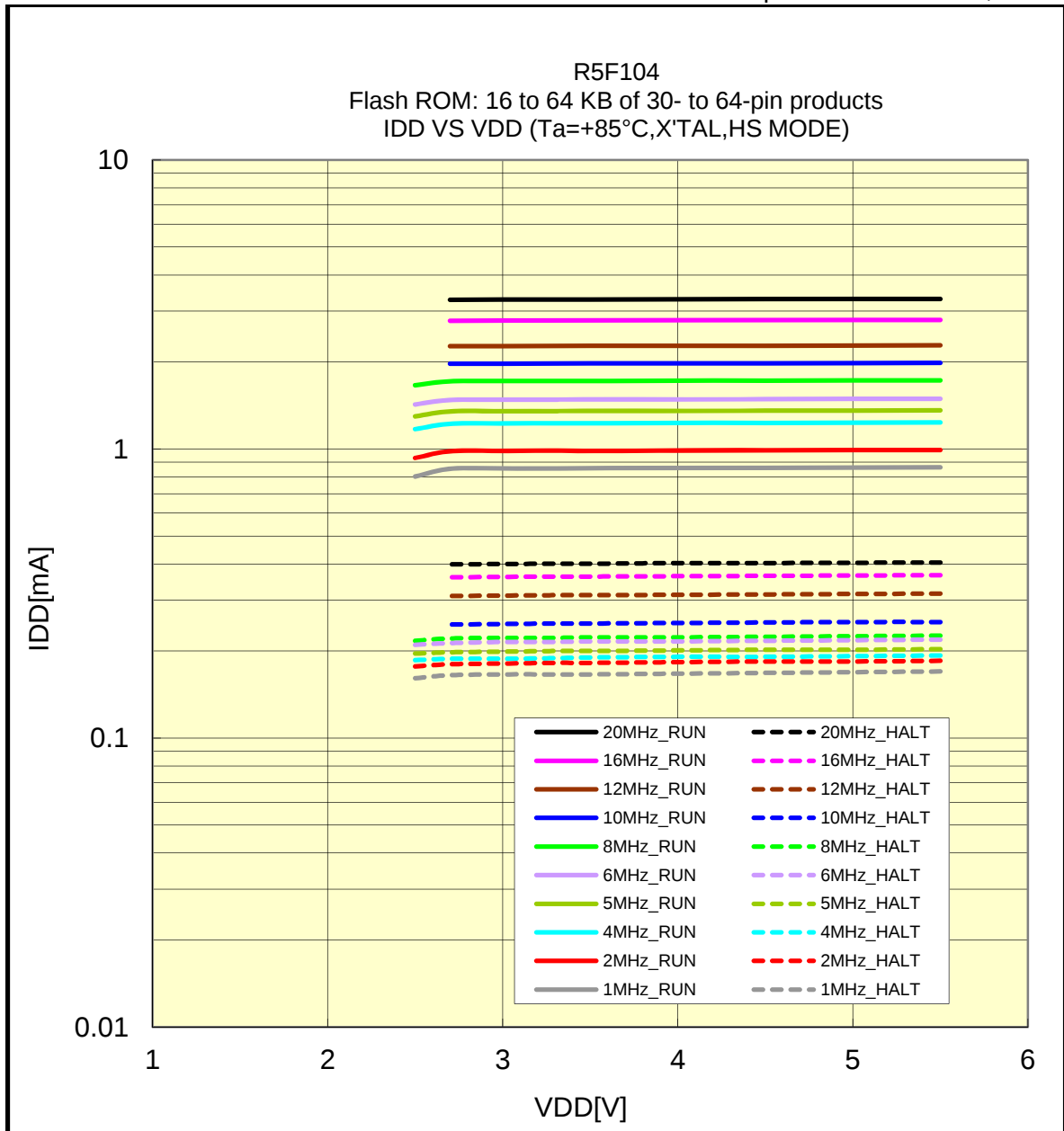
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+85°C/X'TAL/HS MODE)

Prepared on Feb. 28th, 2014



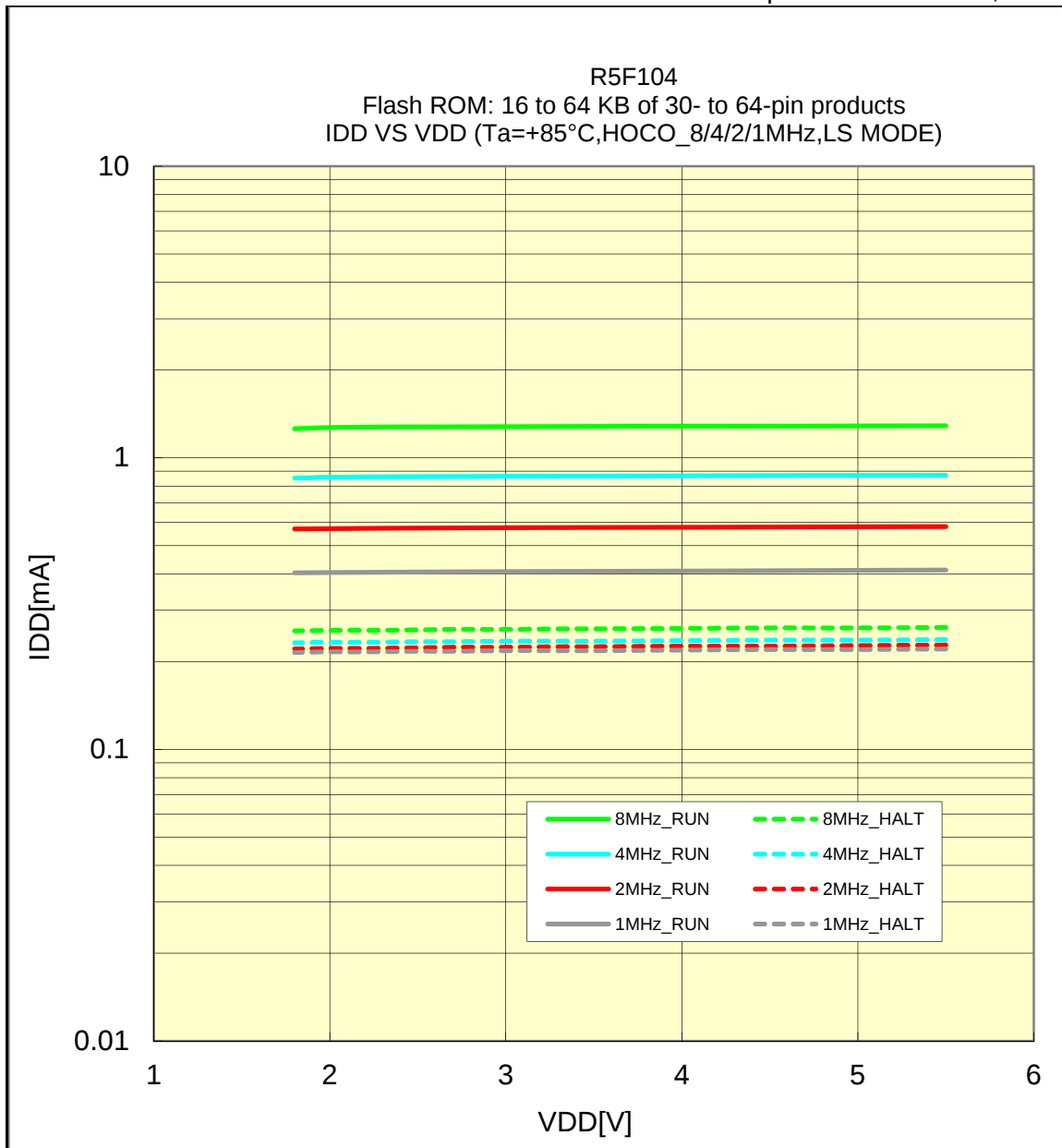
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

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

Prepared on Feb. 28th, 2014



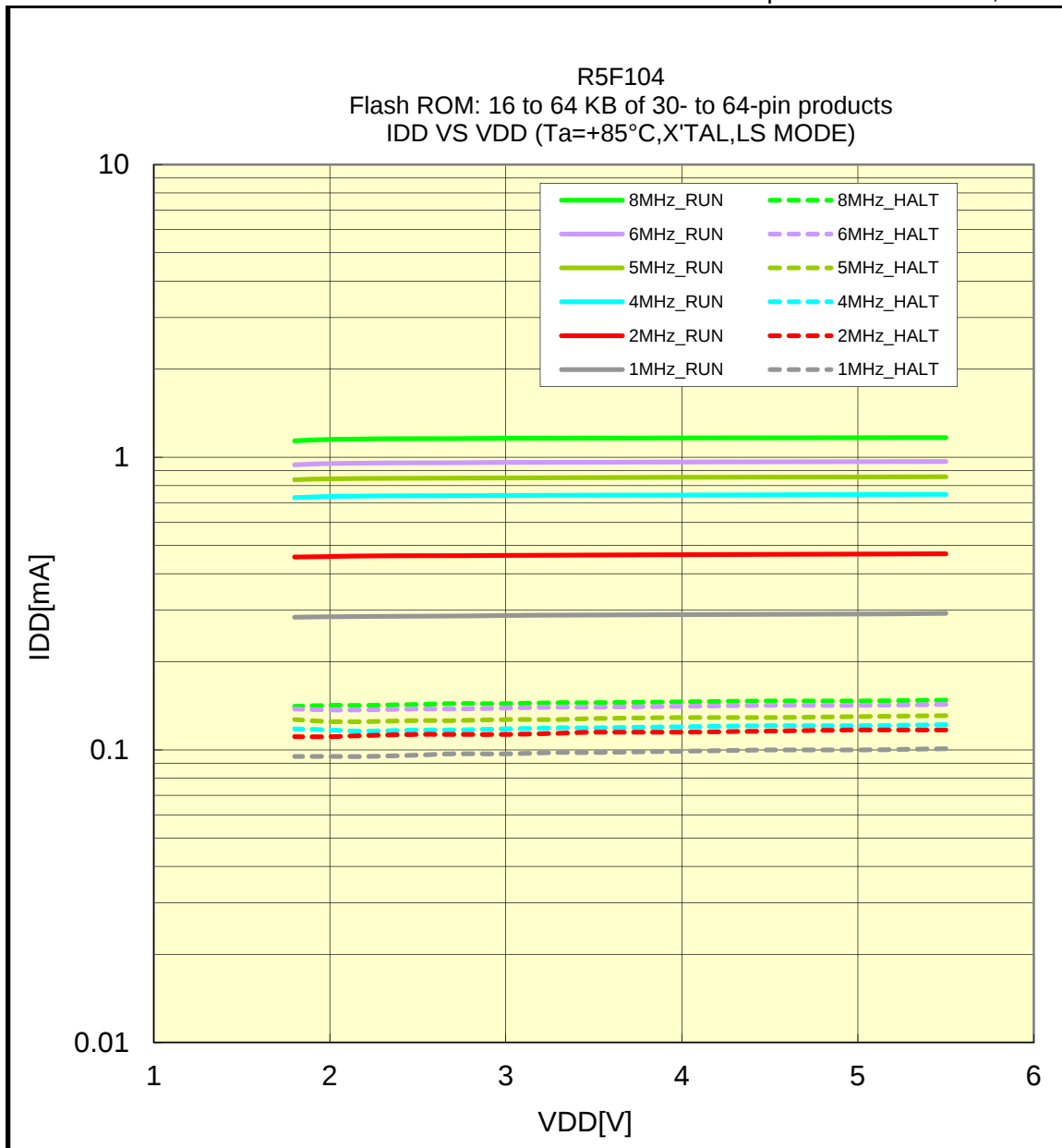
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+85°C/X'TAL/LS MODE)

Prepared on Feb. 28th, 2014



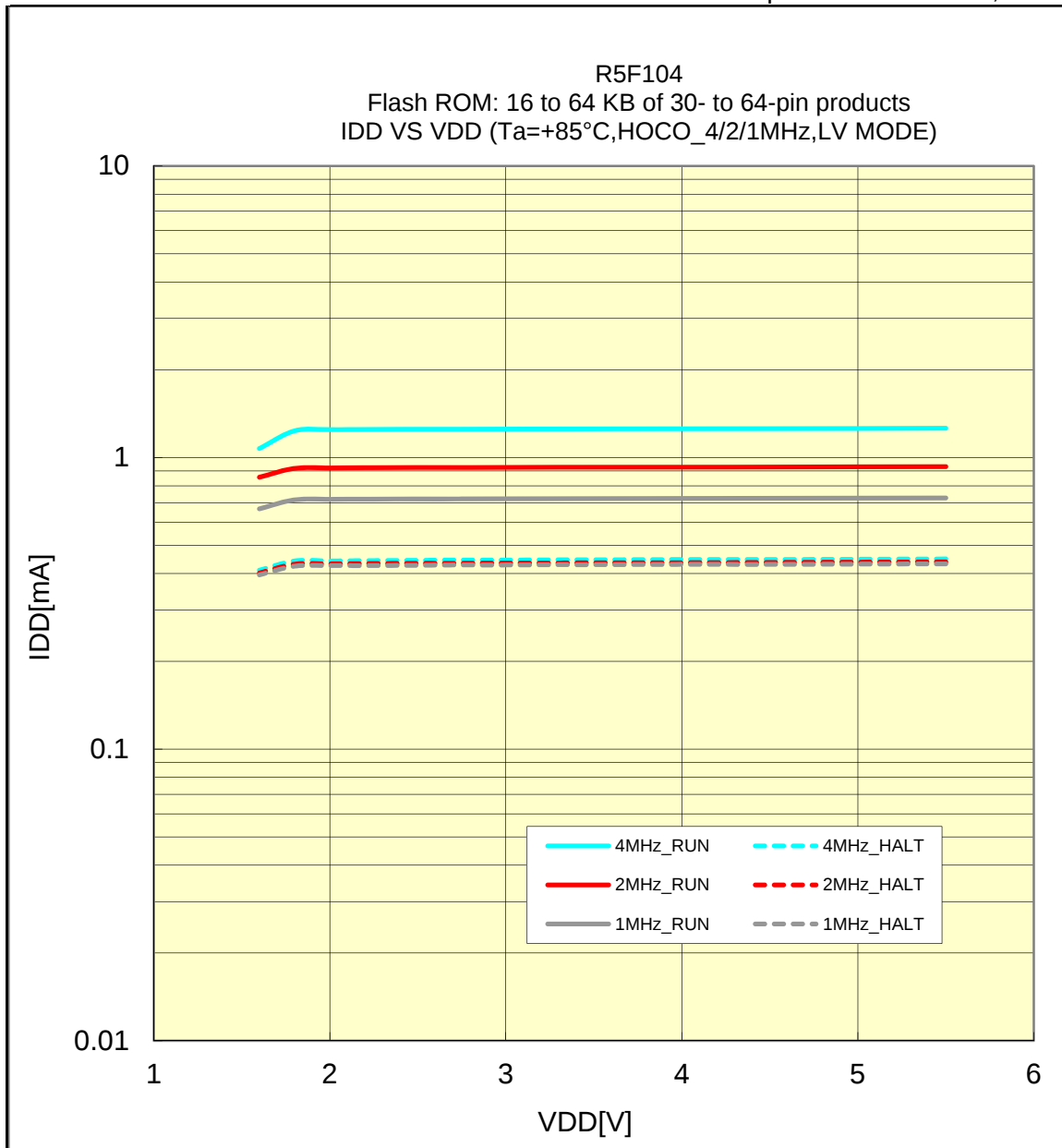
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+85°C/HOCO_4/2/1MHz/LV MODE)

Prepared on Feb. 28th, 2014



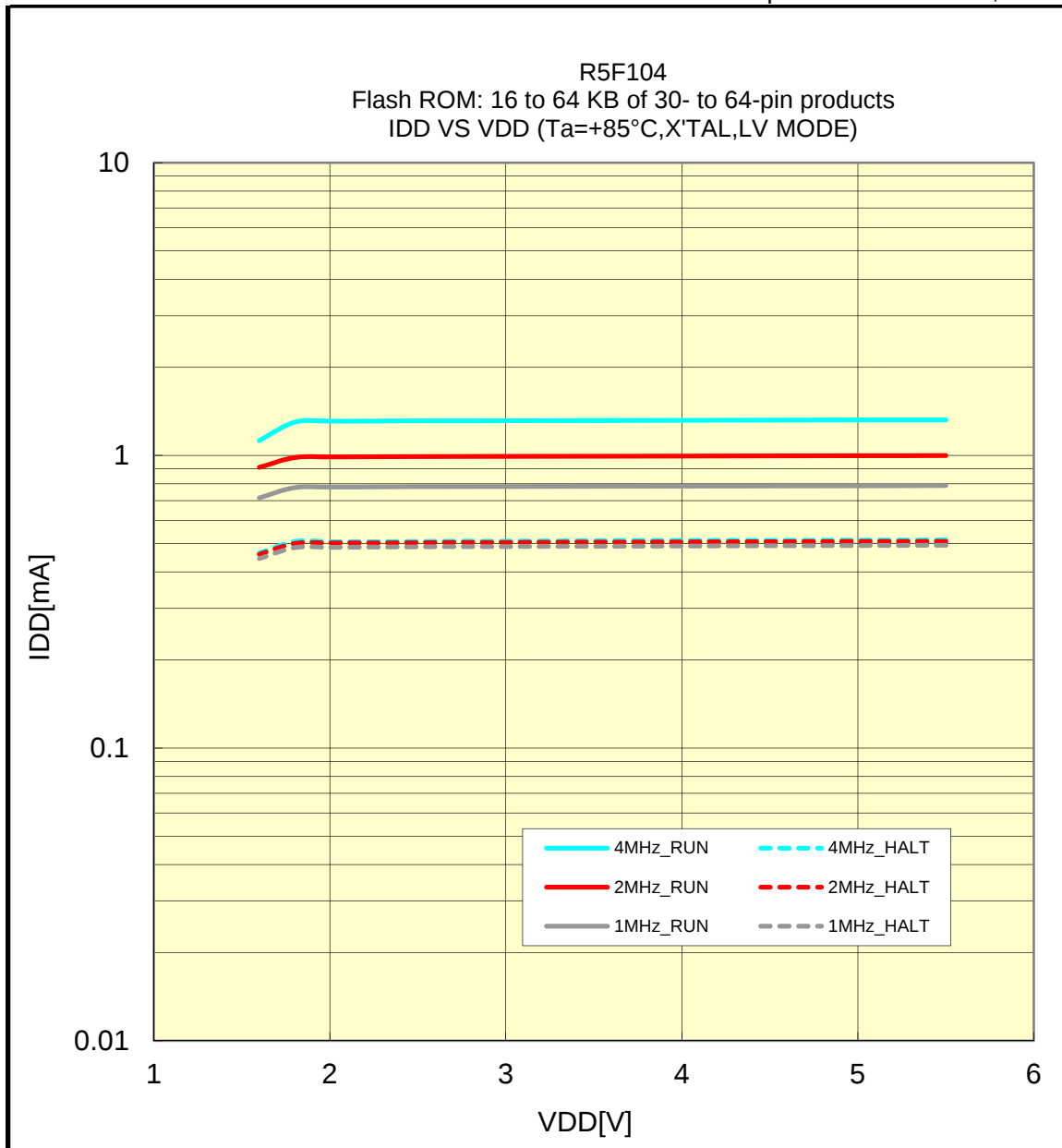
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+85°C/X'TAL/LV MODE)

Prepared on Feb. 28th, 2014



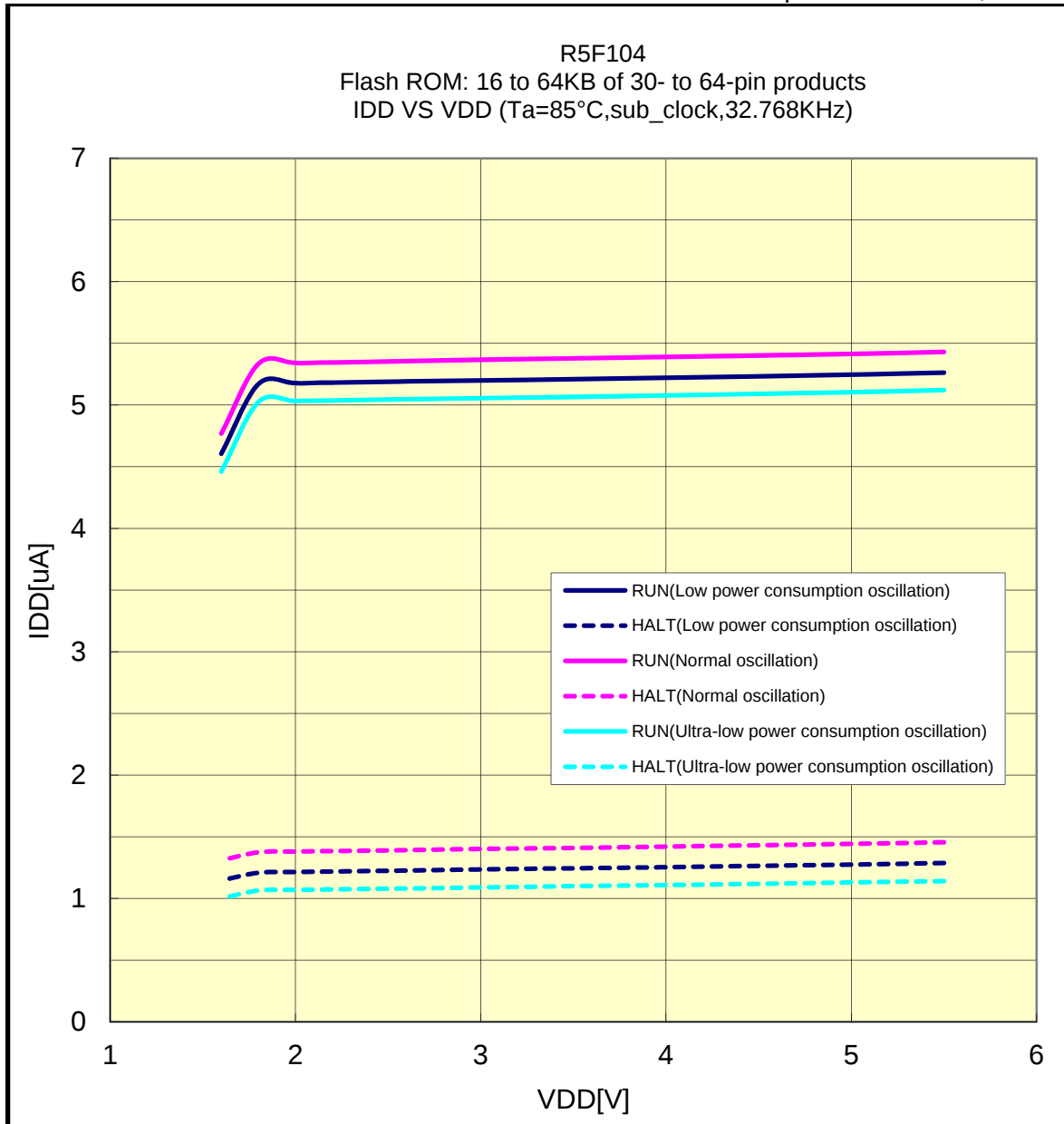
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(85°C/sub_clock/32.768KHz)

Prepared on Jul. 4th, 2014



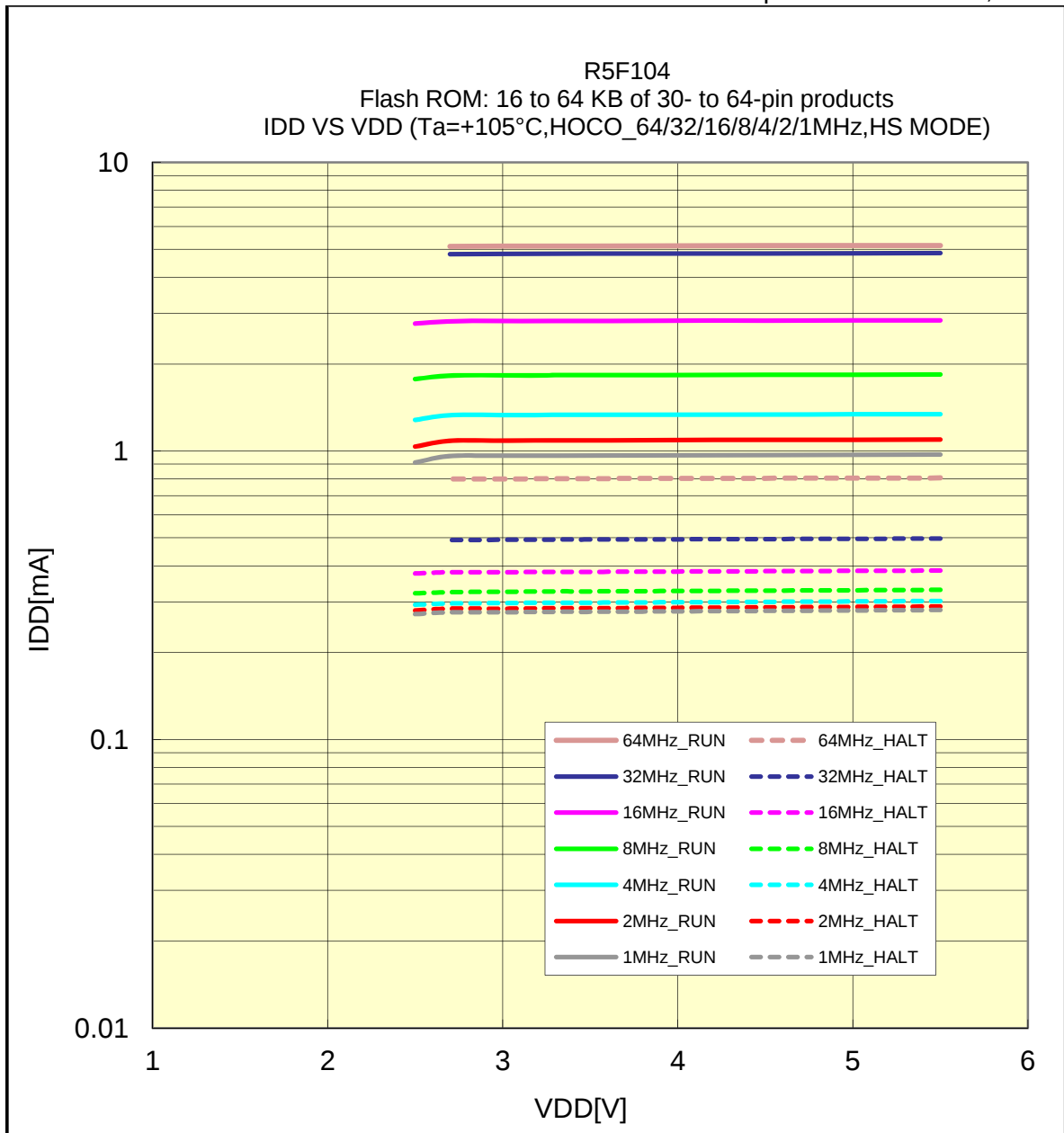
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104 for the products "G: Industrial applications"

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+105°C/HOCO_64/32/16/8/4/2/1MHz/HS MODE)

Prepared on Feb. 28th, 2014



Maximum operation frequency of CPU is 32MHz. **64MHz can be used for timer RD.**

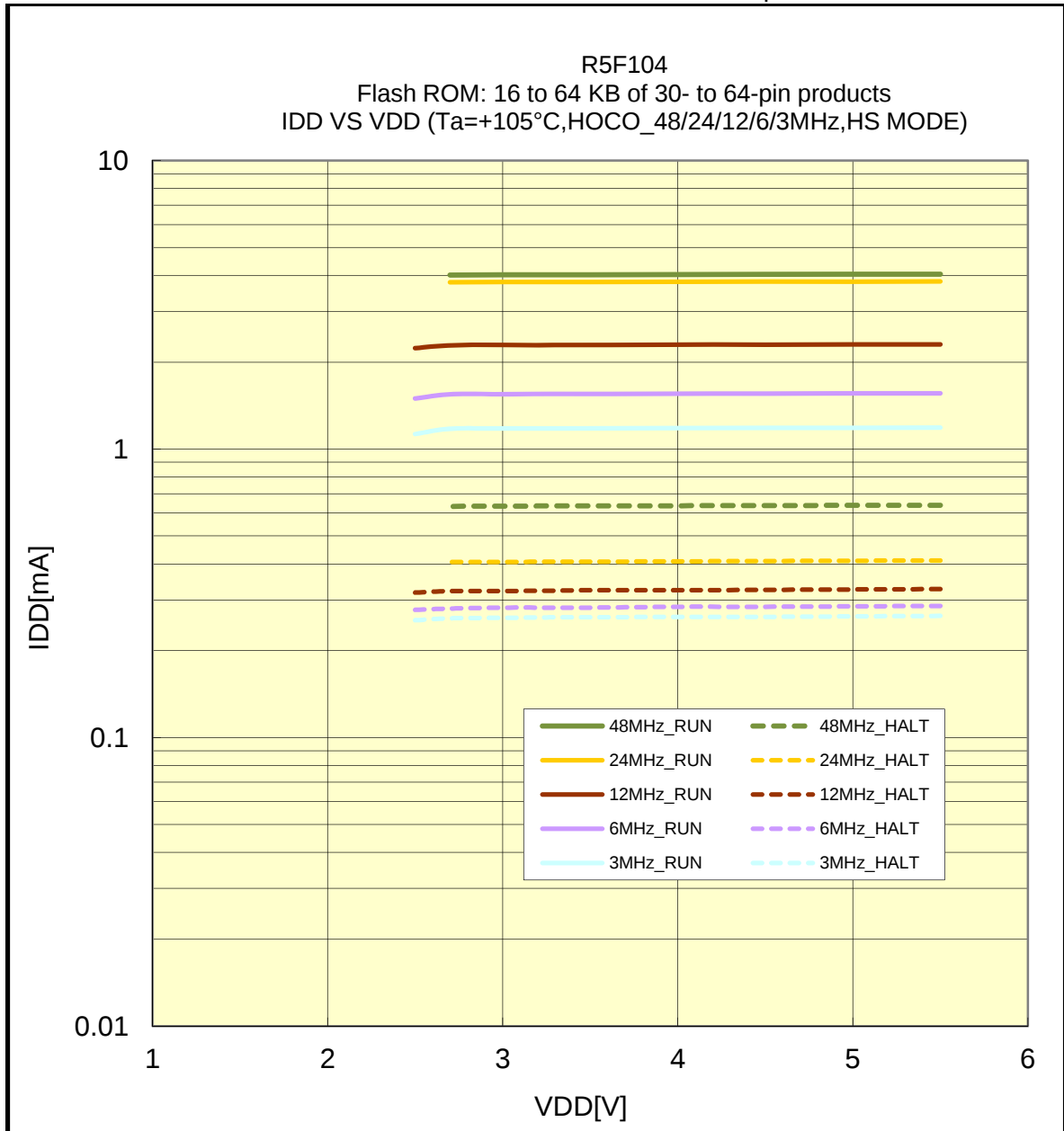
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104 for the products "G: Industrial applications"

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+105°C/HOCO_48/24/12/6/3MHz/HS MODE)

Prepared on Feb. 28th, 2014



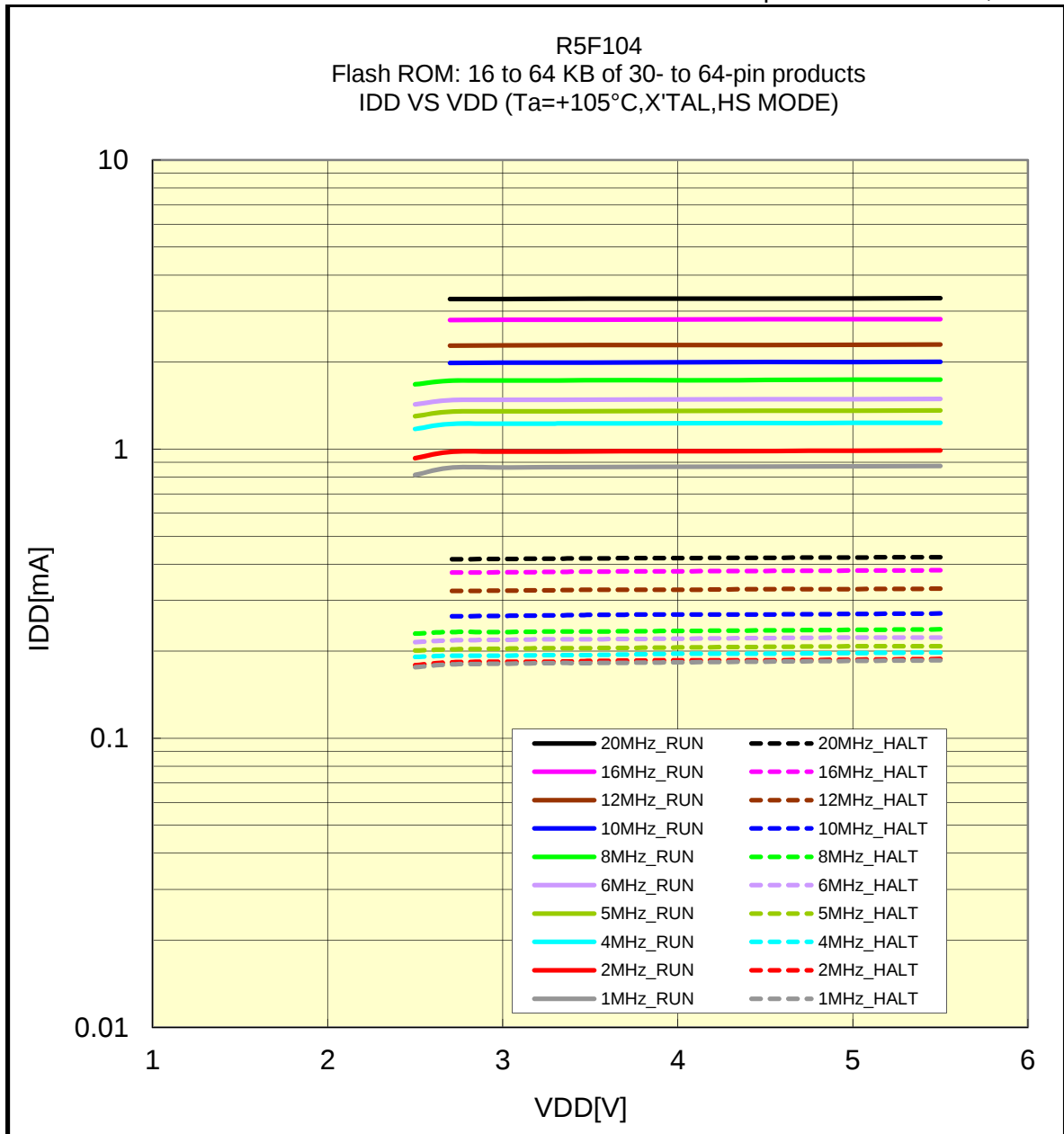
Maximum operation frequency of CPU is 32MHz. 48MHz can be used for timer RD.

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

R5F104 for the products "G: Industrial applications"
Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(+105°C/X'TAL/HS MODE)

Prepared on Feb. 28th, 2014



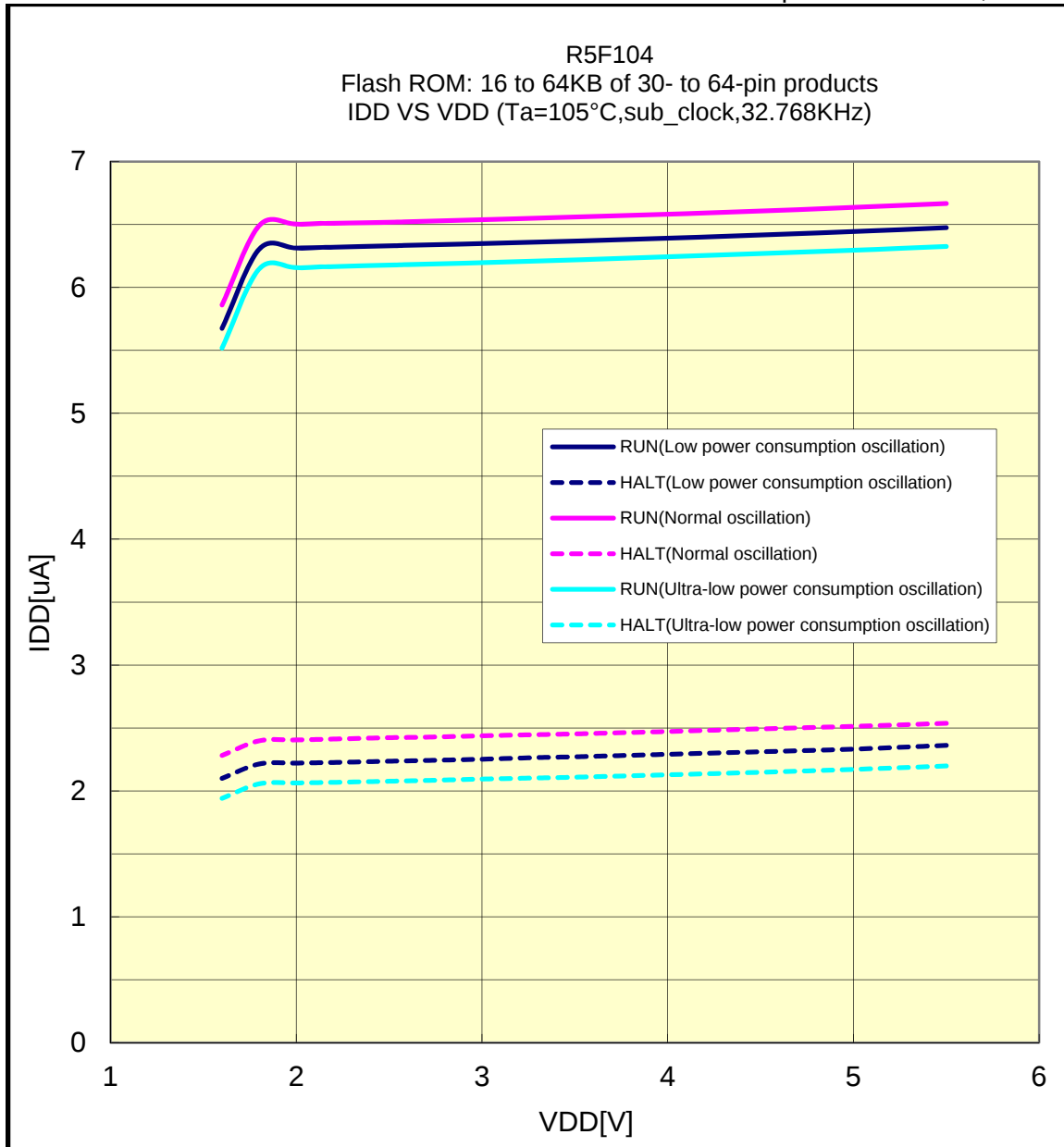
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(105°C/sub_clock/32.768KHz)

Prepared on Jul. 4th, 2014



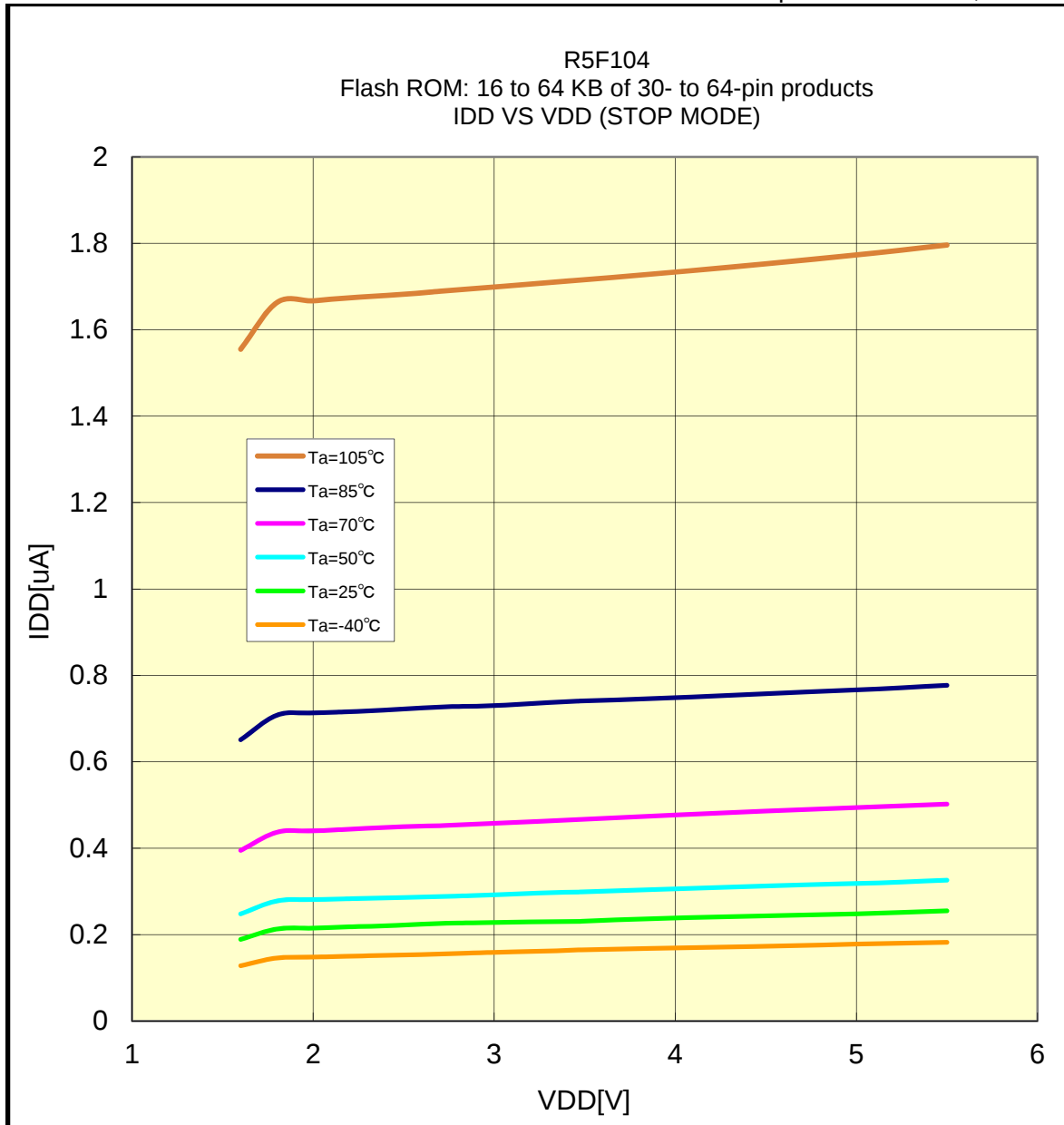
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS VDD(STOP MODE)

Prepared on Jul. 4th, 2014



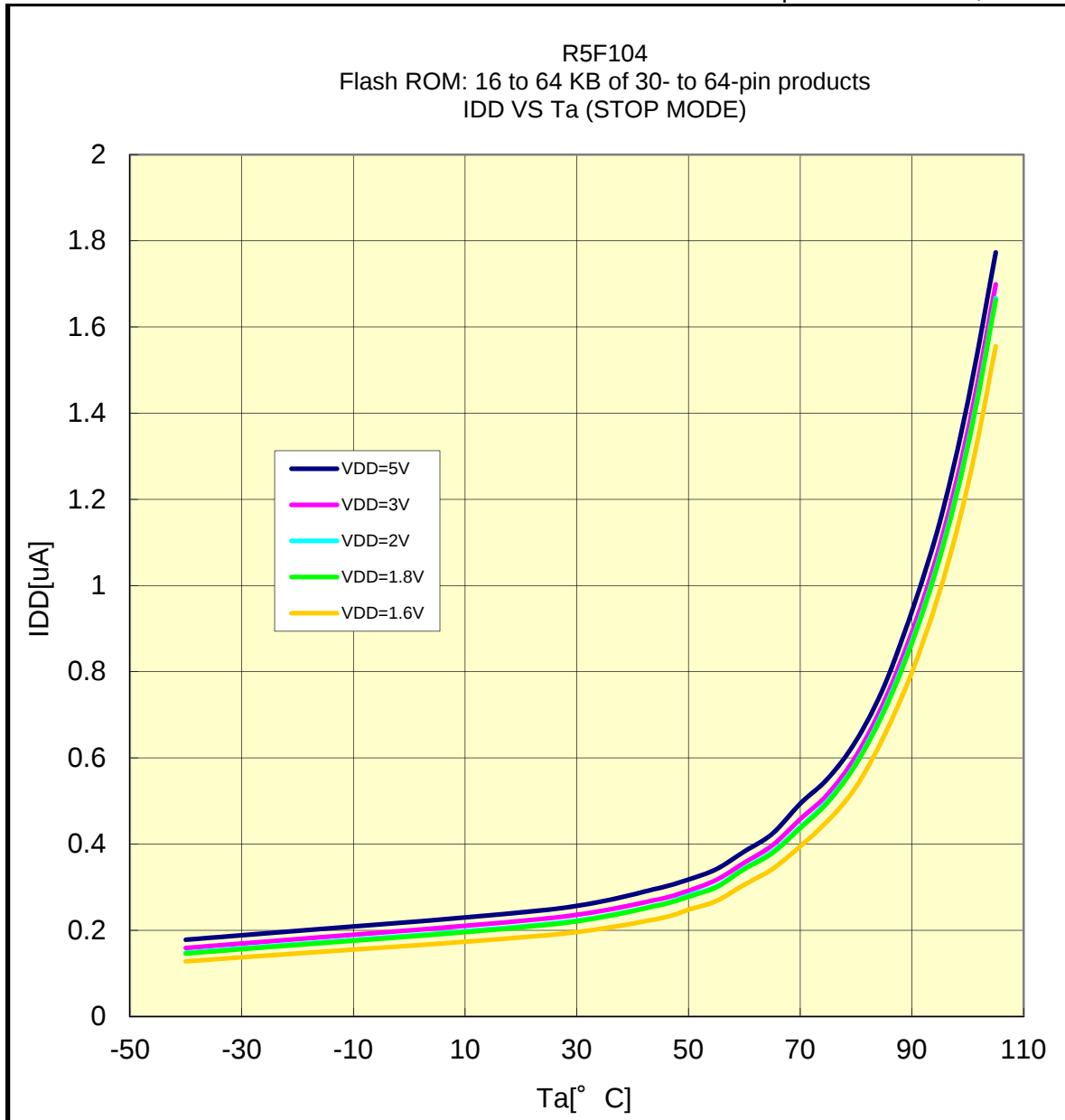
The above mentioned value is only for your reference. The value was measured under certain conditions and does not guarantee the product's characteristics.

R5F104

Flash ROM: 16 to 64 KB of 30- to 64-pin products

IDD VS Ta(STOP MODE)

Prepared on Jul. 4th, 2014



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