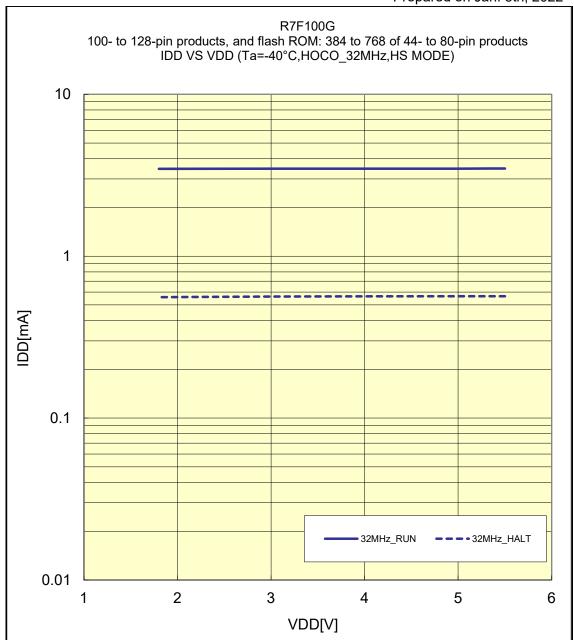
100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

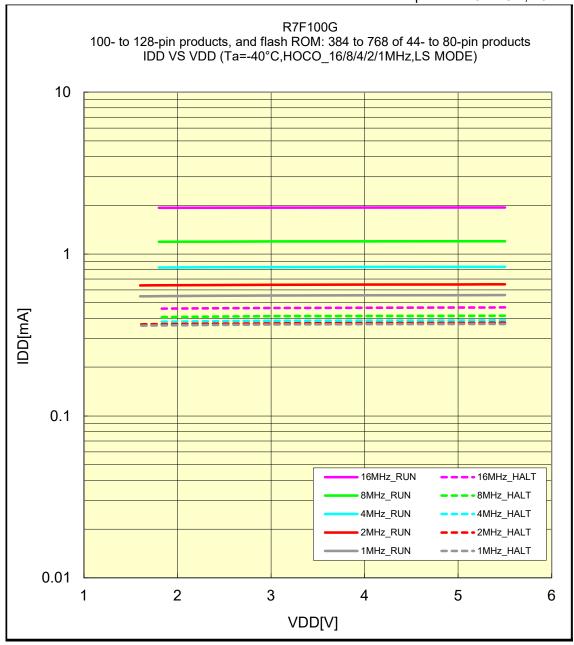
## IDD VS VDD(-40°C/HOCO\_32MHz/HS MODE)

Prepared on Jan. 5th, 2022



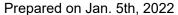
## IDD VS VDD(-40°C/HOCO\_16/8/4/2/1MHz/LS MODE)

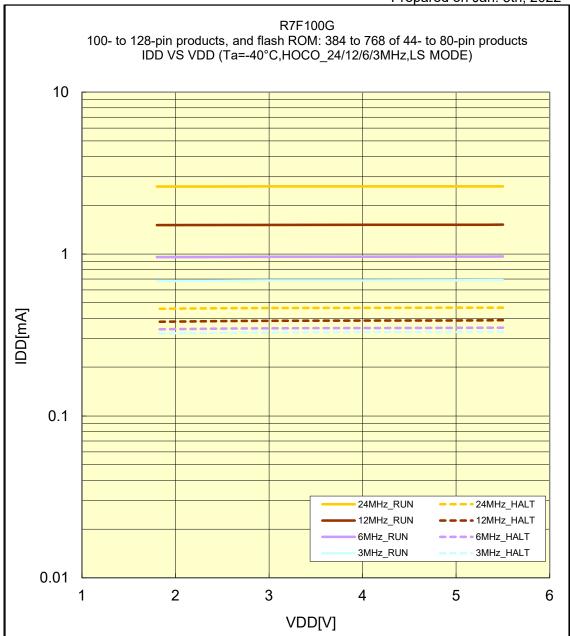
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

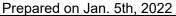
## IDD VS VDD(-40°C/HOCO\_24/12/6/3MHz/LS MODE)

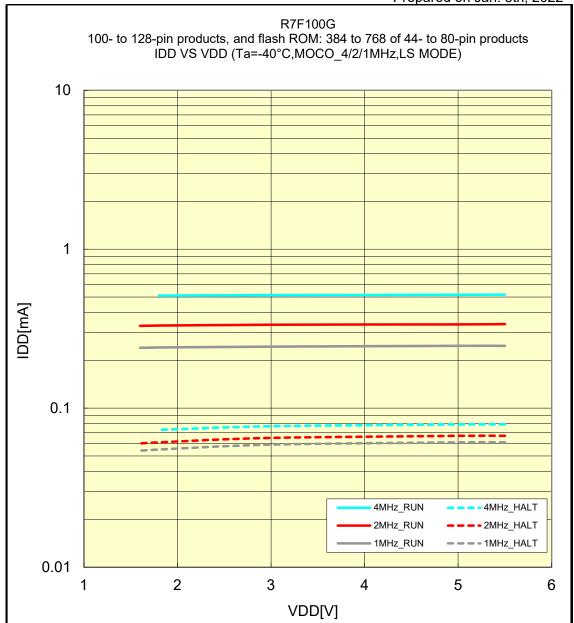




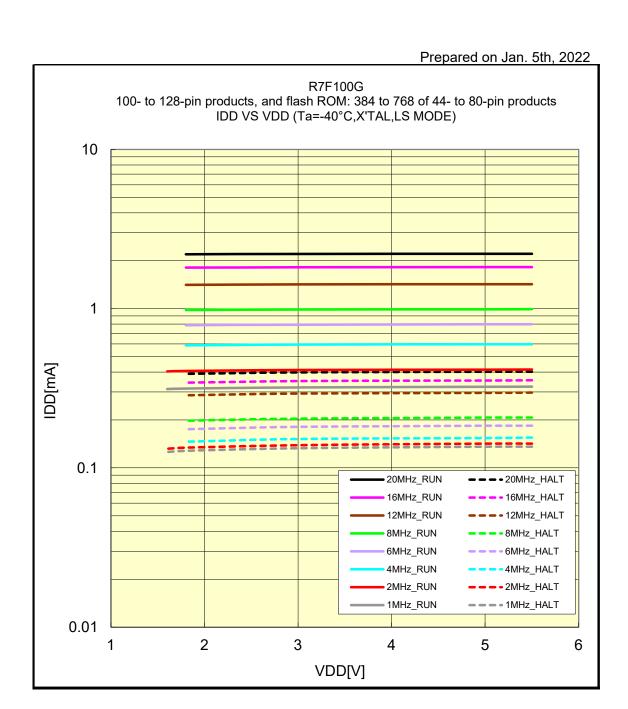
100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(-40°C/MOCO\_4/2/1MHz/LS MODE)





### IDD VS VDD(-40°C/X'TAL/LS MODE)

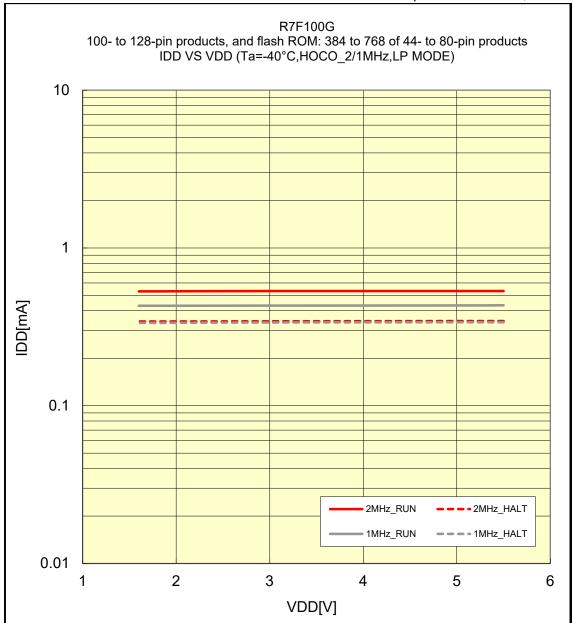


Remark 1MHz: 4MHz / 4 (MOSCDIV = 02H) 2MHz: 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

# IDD VS VDD(-40°C/HOCO\_2/1MHz/LP MODE)

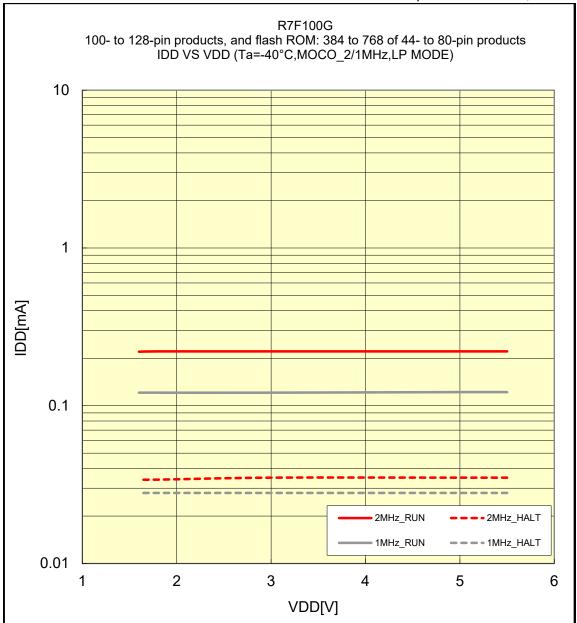
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(-40°C/MOCO\_2/1MHz/LP MODE)

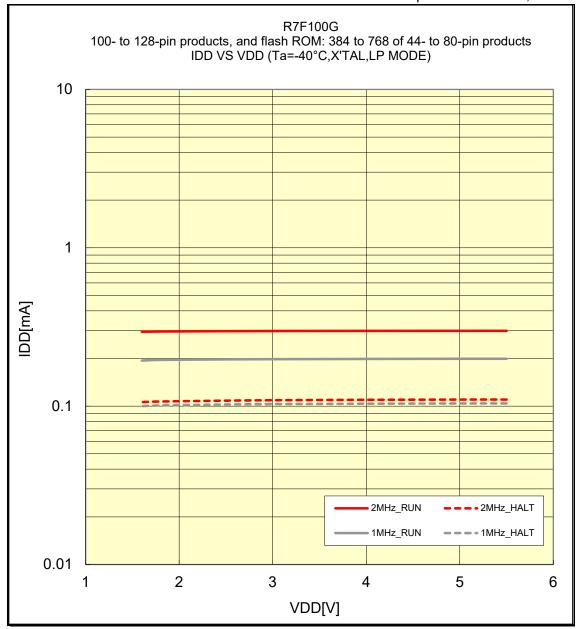
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(-40°C/X'TAL/LP MODE)

Prepared on Jan. 5th, 2022

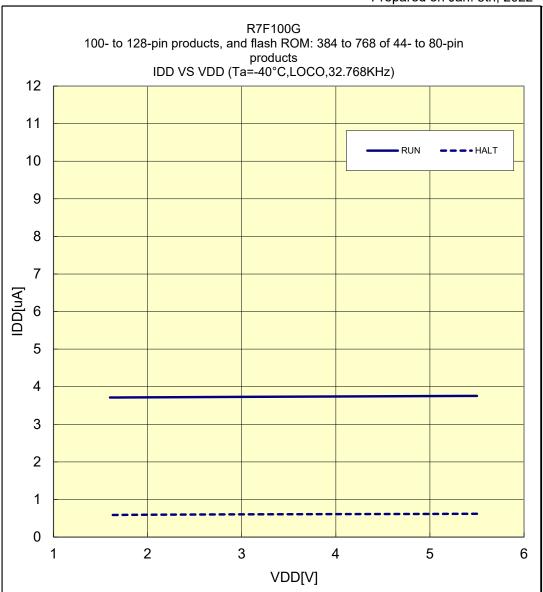


Remark 1MHz: 4MHz / 4 (MOSCDIV = 02H) 2MHz: 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(-40°C/LOCO/32.768KHz)

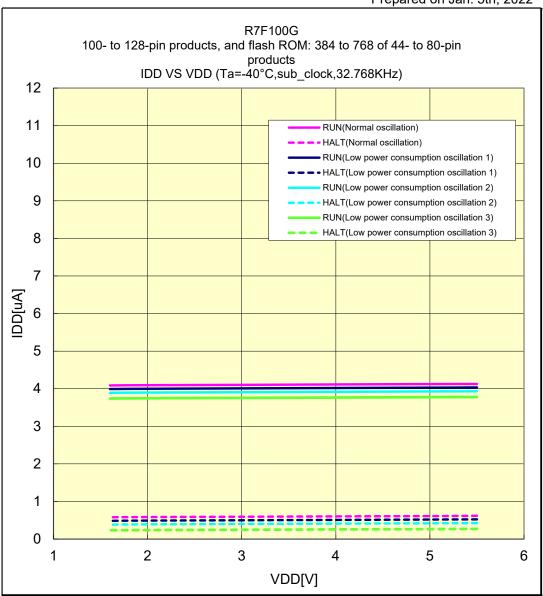
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(-40°C/sub\_clock/32.768KHz)

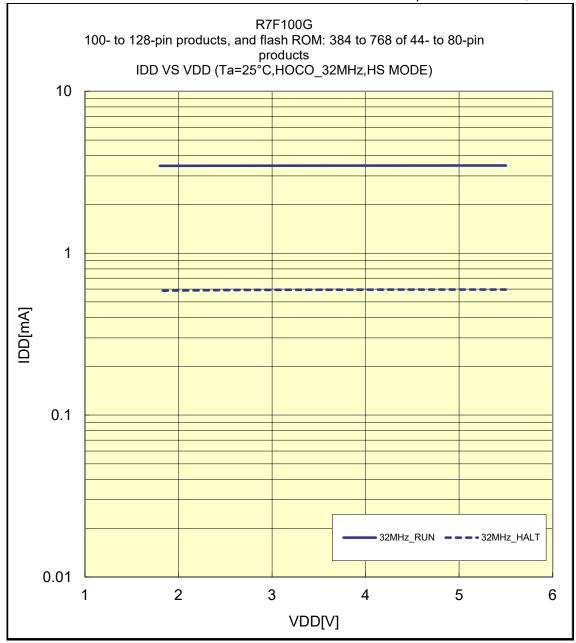
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(25°C/HOCO\_32MHz/HS MODE)

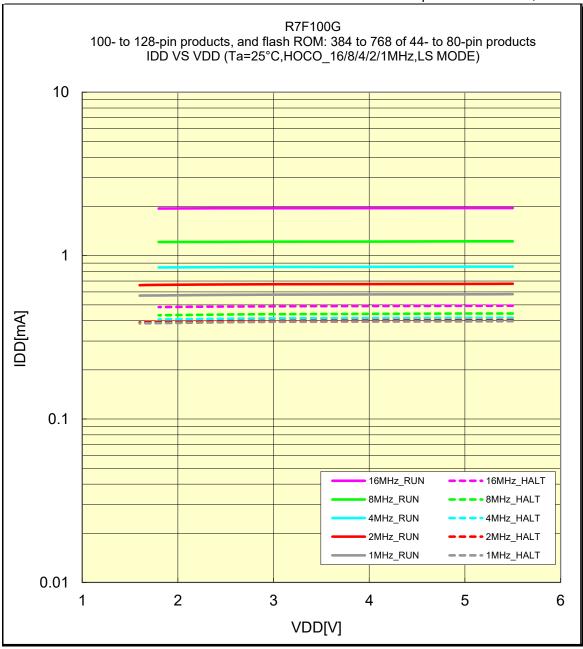
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

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

Prepared on Jan. 5th, 2022



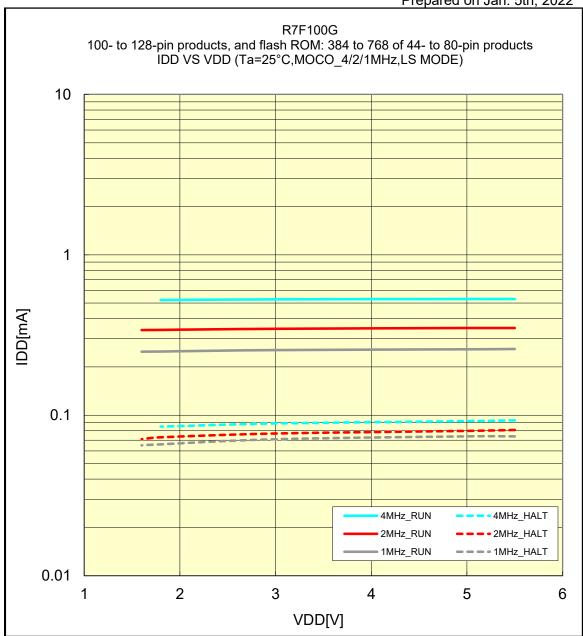
100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

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

Prepared on Jan. 5th, 2022 R7F100G 100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products IDD VS VDD (Ta=25°C,HOCO\_24/12/6/3MHz,LS MODE) 10 1 IDD[mA] 0.1 24MHz\_RUN 24MHz\_HALT 12MHz\_RUN -• 12MHz HALT 6MHz\_RUN - 6MHz\_HALT 3MHz\_RUN 3MHz\_HALT 0.01 2 3 4 5 6 VDD[V]

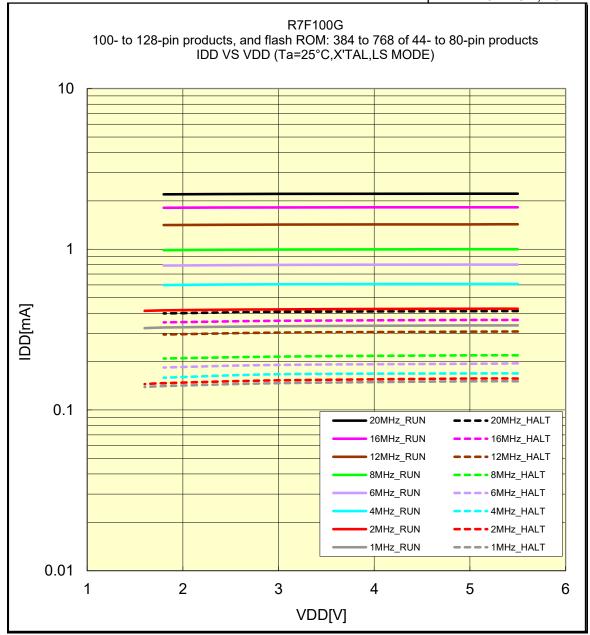
## IDD VS VDD(25°C/MOCO\_4/2/1MHz/LS MODE)

Prepared on Jan. 5th, 2022



## IDD VS VDD(25°C/X'TAL/LS MODE)



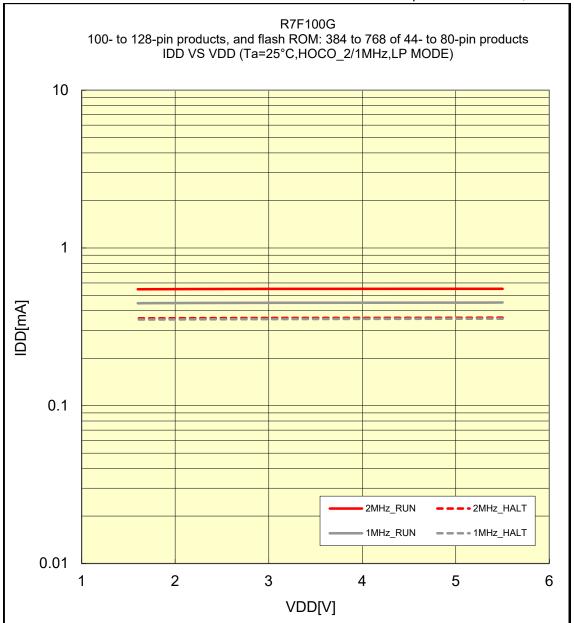


Remark 1MHz: 4MHz/4 (MOSCDIV = 02H) 2MHz: 4MHz/2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(25°C/HOCO\_2/1MHz/LP MODE)

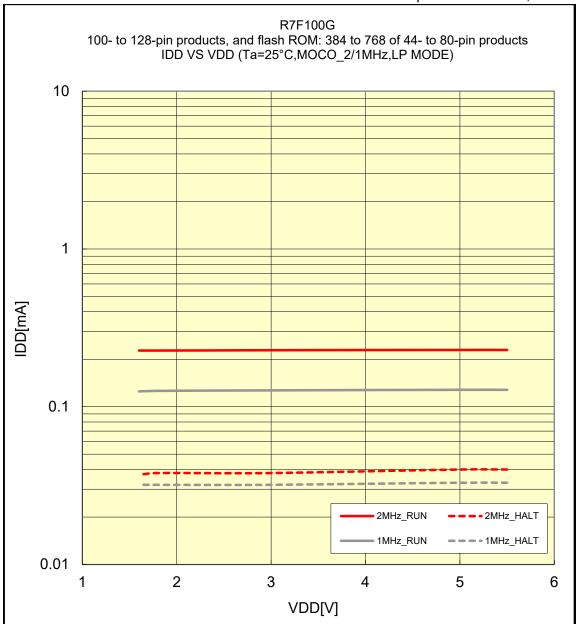
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(25°C/MOCO\_2/1MHz/LP MODE)

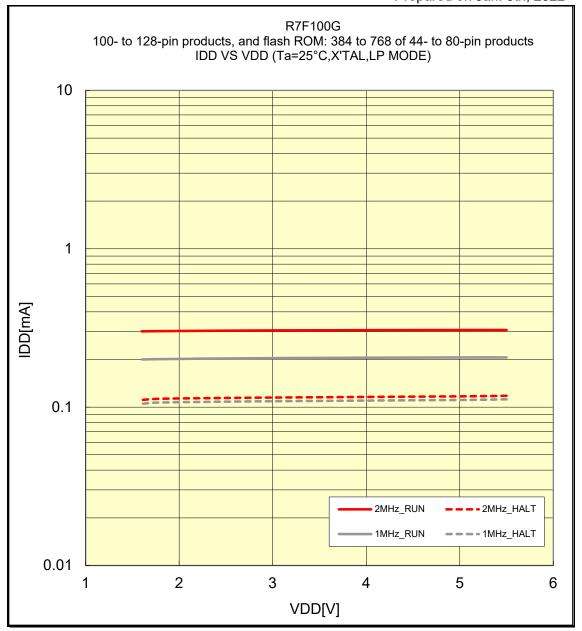
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(25°C/X'TAL/LP MODE)

Prepared on Jan. 5th, 2022



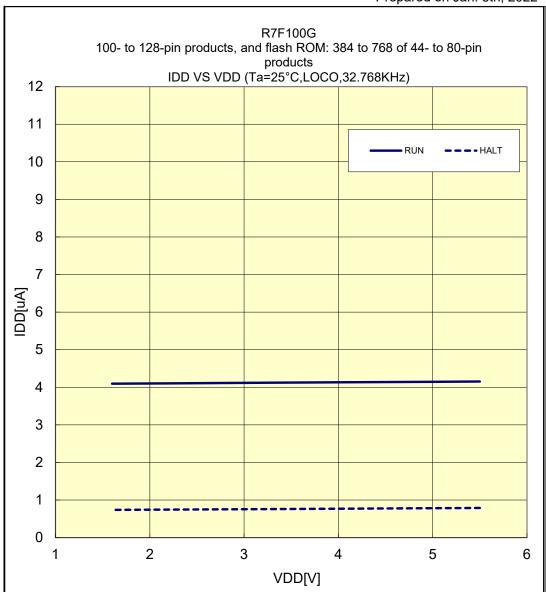
Remark 1MHz: 4MHz / 4 (MOSCDIV = 02H)

2MHz: 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(25°C/LOCO/32.768KHz)

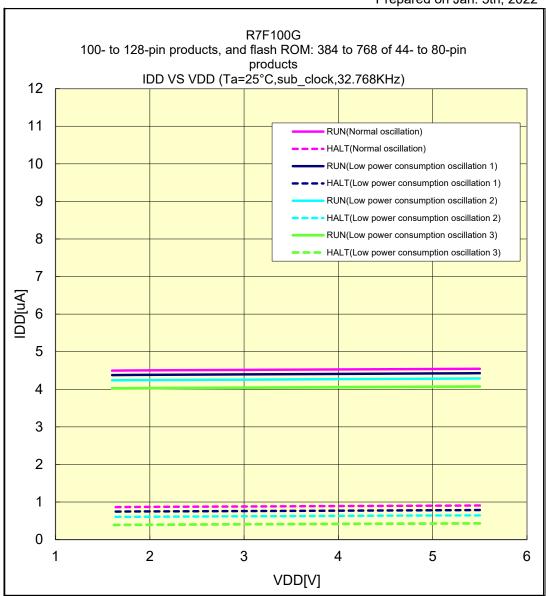
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(25°C/sub\_clock/32.768KHz)

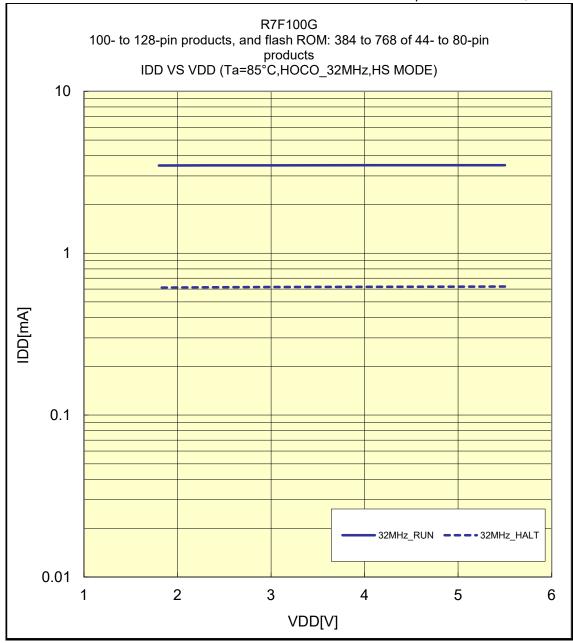
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(85°C/HOCO\_32MHz/HS MODE)

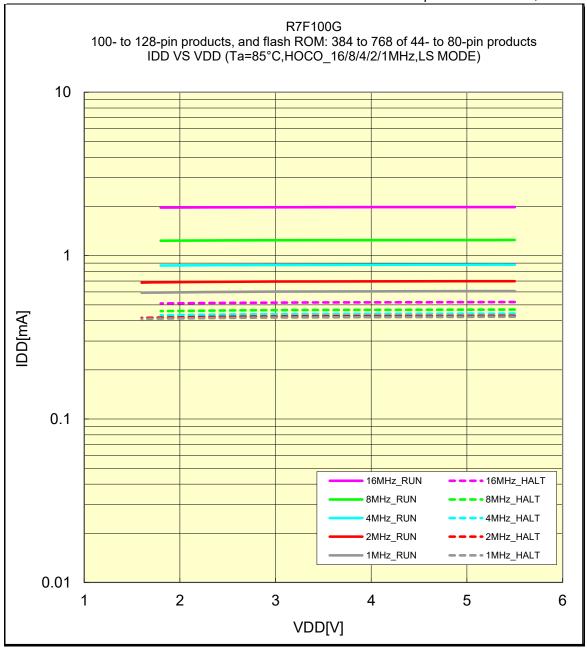
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

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

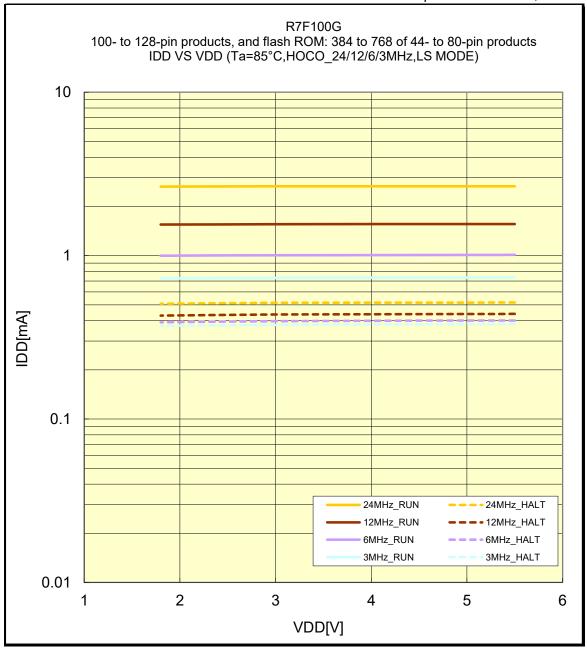
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

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

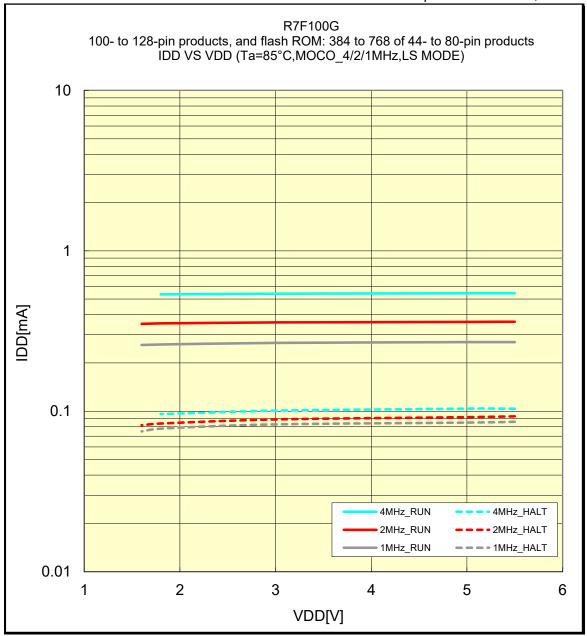
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

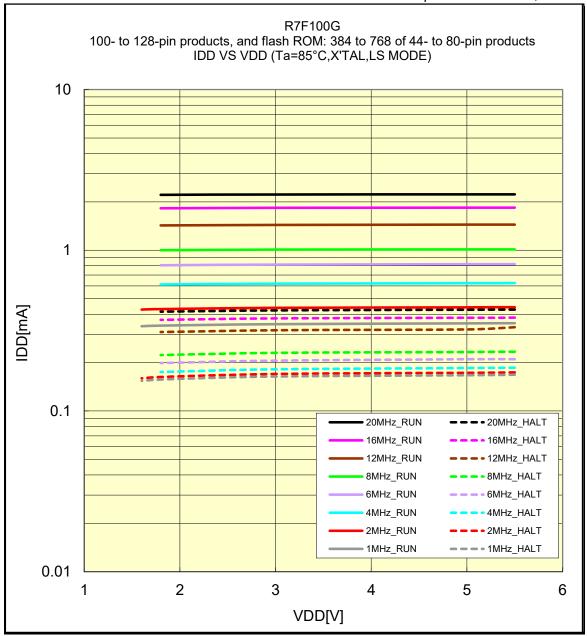
## IDD VS VDD(85°C/MOCO\_4/2/1MHz/LS MODE)

Prepared on Jan. 5th, 2022



## IDD VS VDD(85°C/X'TAL/LS MODE)

Prepared on Jan. 5th, 2022

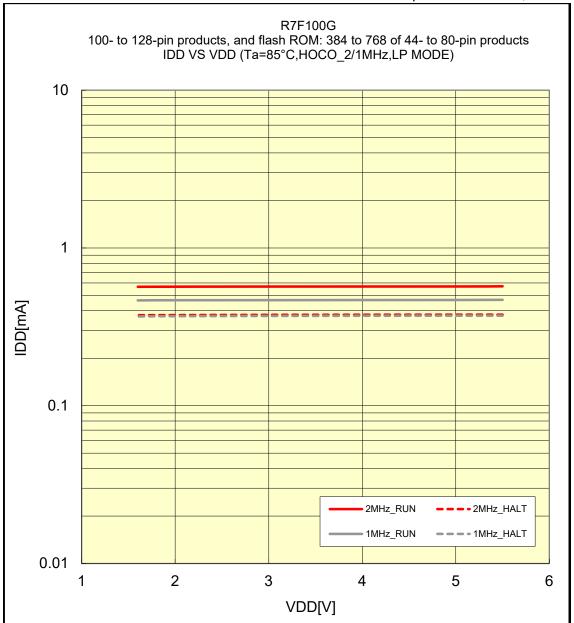


Remark 1MHz: 4MHz / 4 (MOSCDIV = 02H) 2MHz: 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(85°C/HOCO\_2/1MHz/LP MODE)

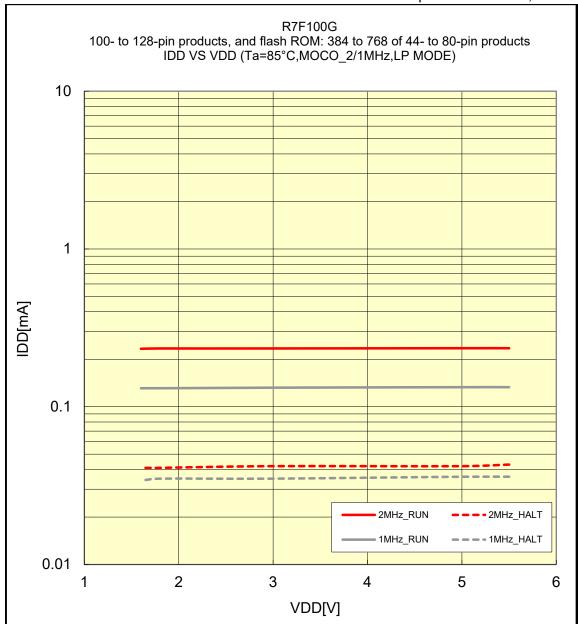
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

# IDD VS VDD(85°C/MOCO\_2/1MHz/LP MODE)

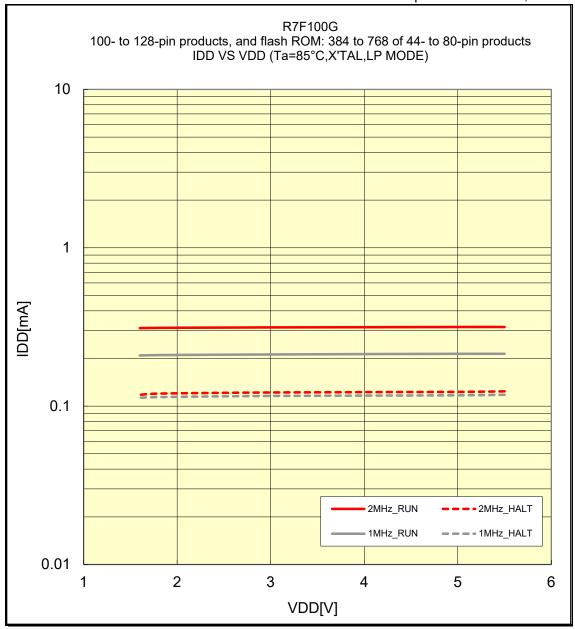
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(85°C/X'TAL/LP MODE)

Prepared on Jan. 5th, 2022

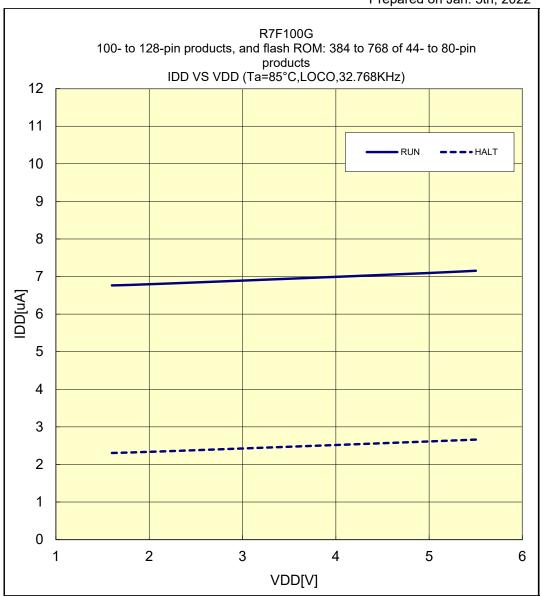


Remark 1MHz : 4MHz / 4 (MOSCDIV = 02H)2MHz : 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(85°C/LOCO/32.768KHz)

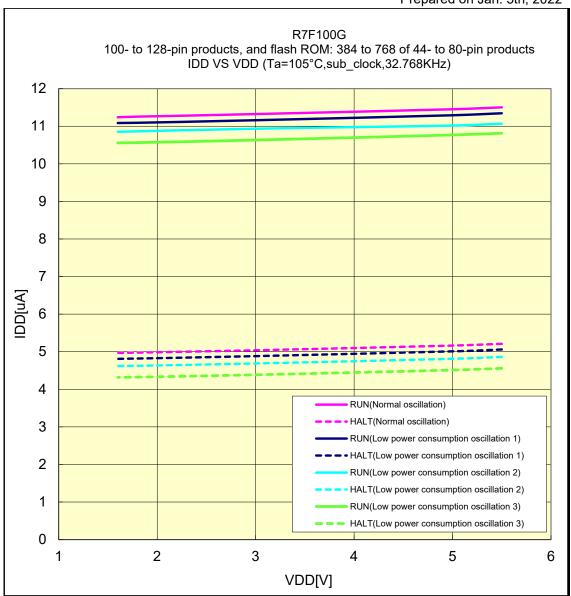
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(105°C/sub\_clock/32.768KHz)

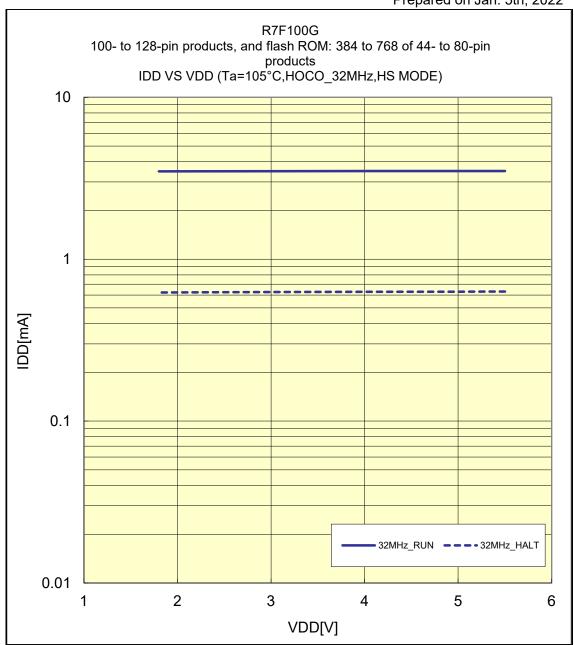
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(105°C/HOCO\_32MHz/HS MODE)

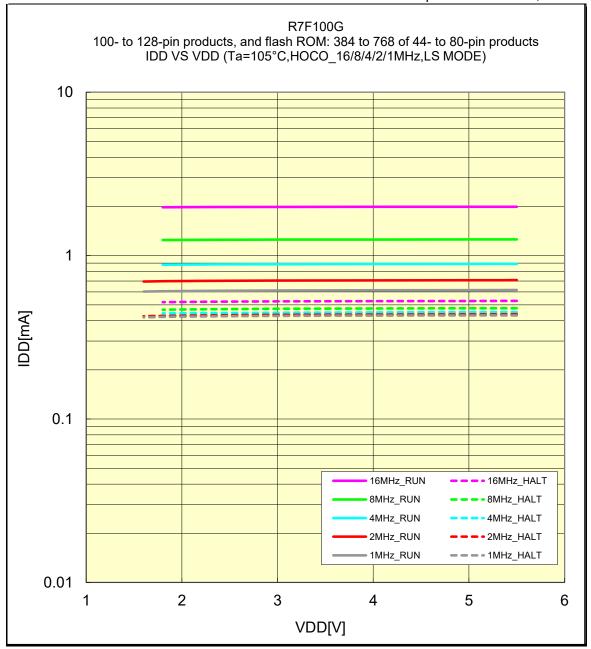
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(105°C/HOCO\_16/8/4/2/1MHz/LS MODE)

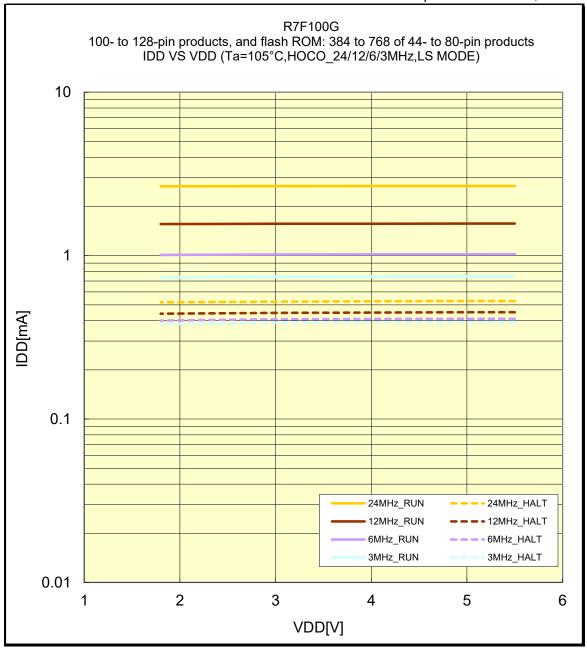
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

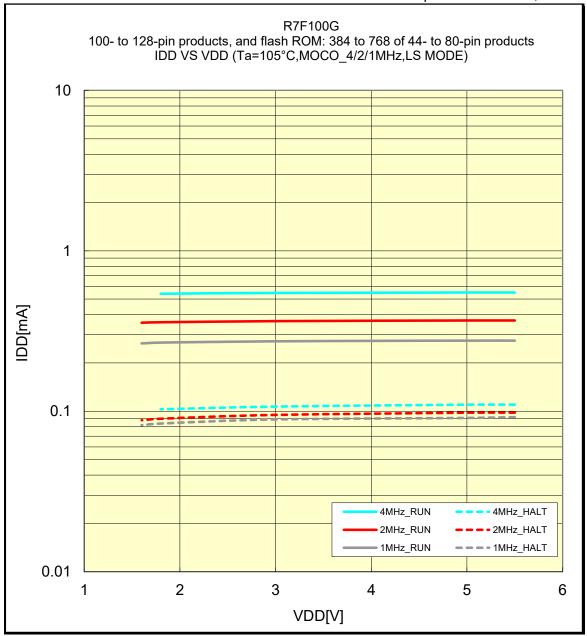
## IDD VS VDD(105°C/HOCO\_24/12/6/3MHz/LS MODE)

Prepared on Jan. 5th, 2022



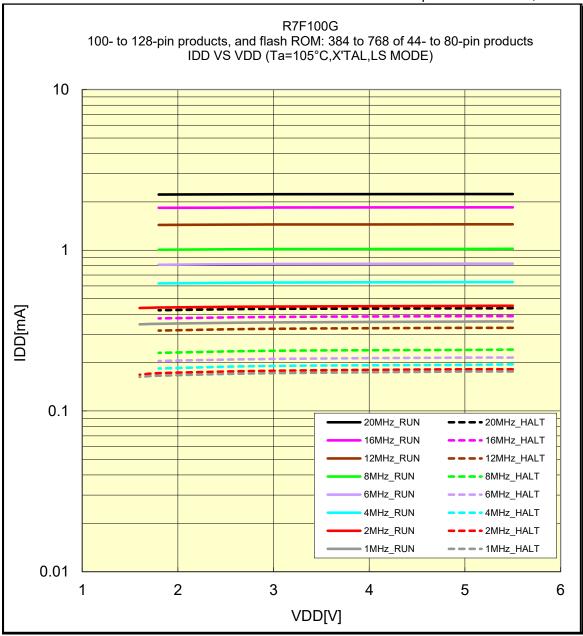
## IDD VS VDD(105°C/MOCO\_4/2/1MHz/LS MODE)

Prepared on Jan. 5th, 2022



## IDD VS VDD(105°C/X'TAL/LS MODE)

Prepared on Jan. 5th, 2022

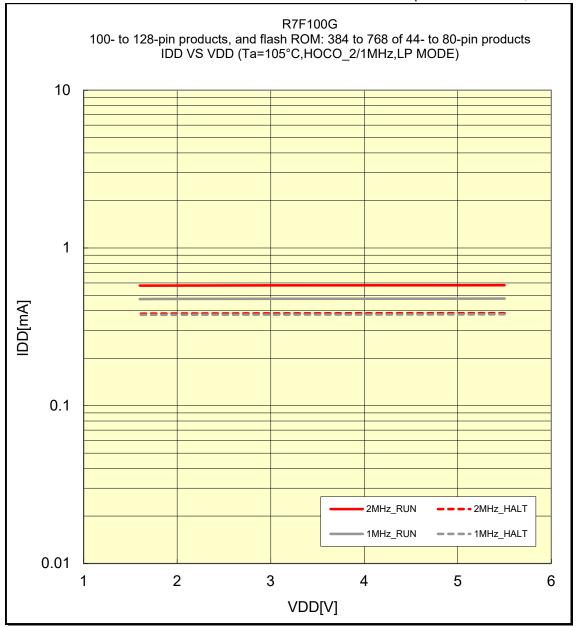


Remark 1MHz: 4MHz / 4 (MOSCDIV = 02H) 2MHz: 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(105°C/HOCO\_2/1MHz/LP MODE)

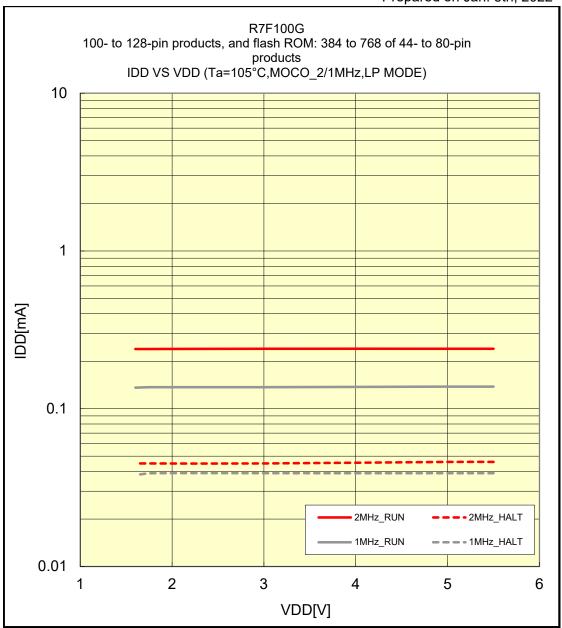
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(105°C/MOCO\_2/1MHz/LP MODE)

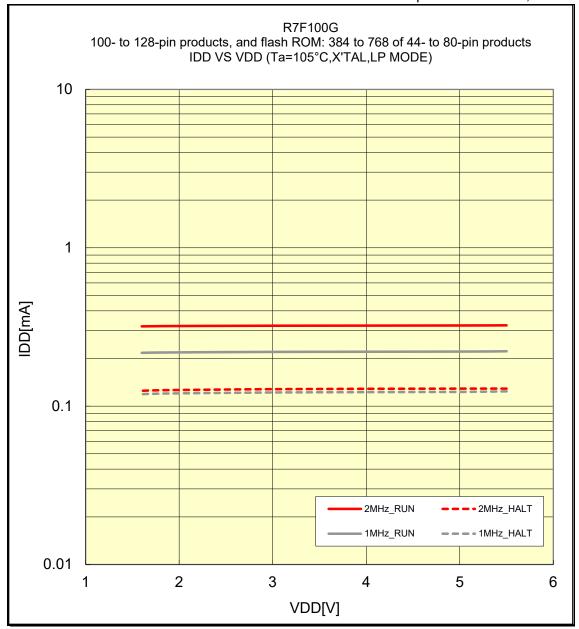
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(105°C/X'TAL/LP MODE)

Prepared on Jan. 5th, 2022

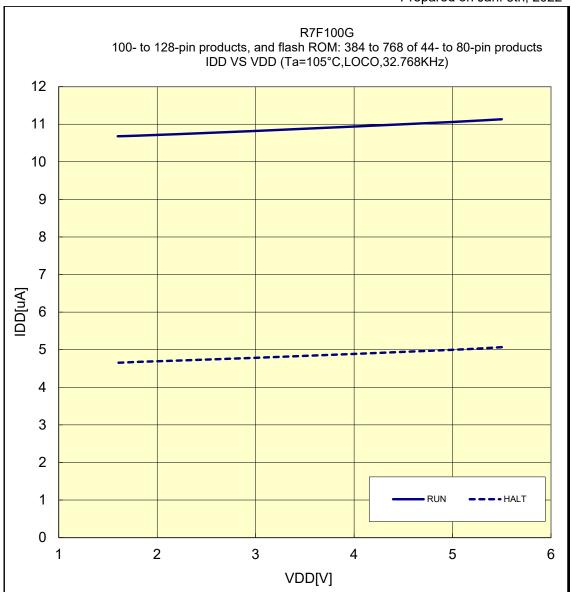


Remark 1MHz: 4MHz / 4 (MOSCDIV = 02H) 2MHz: 4MHz / 2 (MOSCDIV = 01H)

100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(105°C/LOCO/32.768KHz)

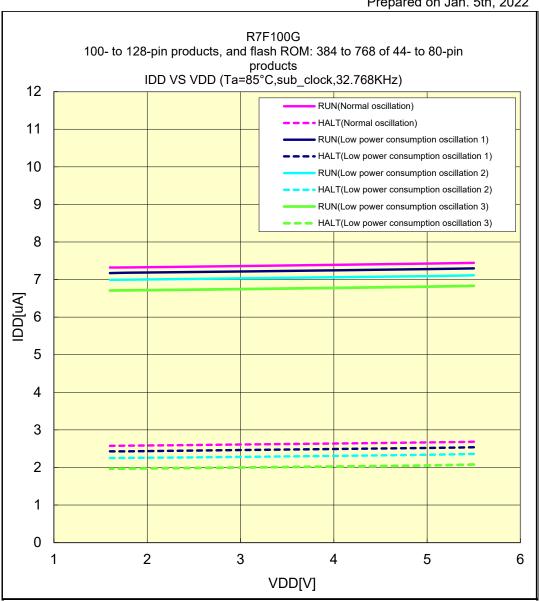
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

### IDD VS VDD(85°C/sub\_clock/32.768KHz)

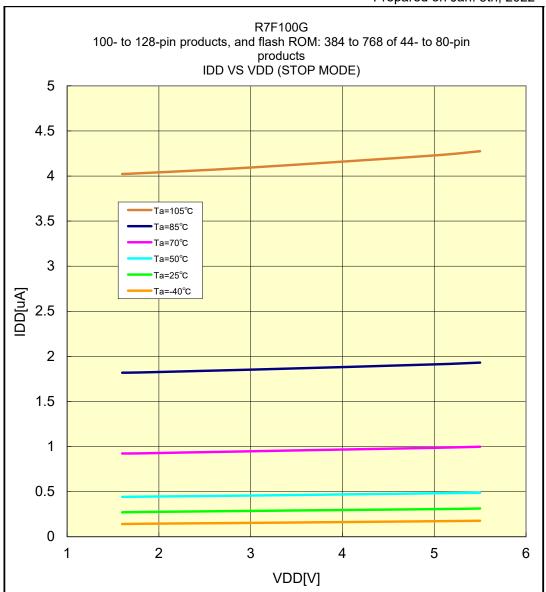
Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## IDD VS VDD(STOP MODE)

Prepared on Jan. 5th, 2022



100- to 128-pin products, and flash ROM: 384 to 768 of 44- to 80-pin products

## **IDD VS Ta(STOP MODE)**

Prepared on Jan. 5th, 2022

