µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/8MHz[Internal-OSC])
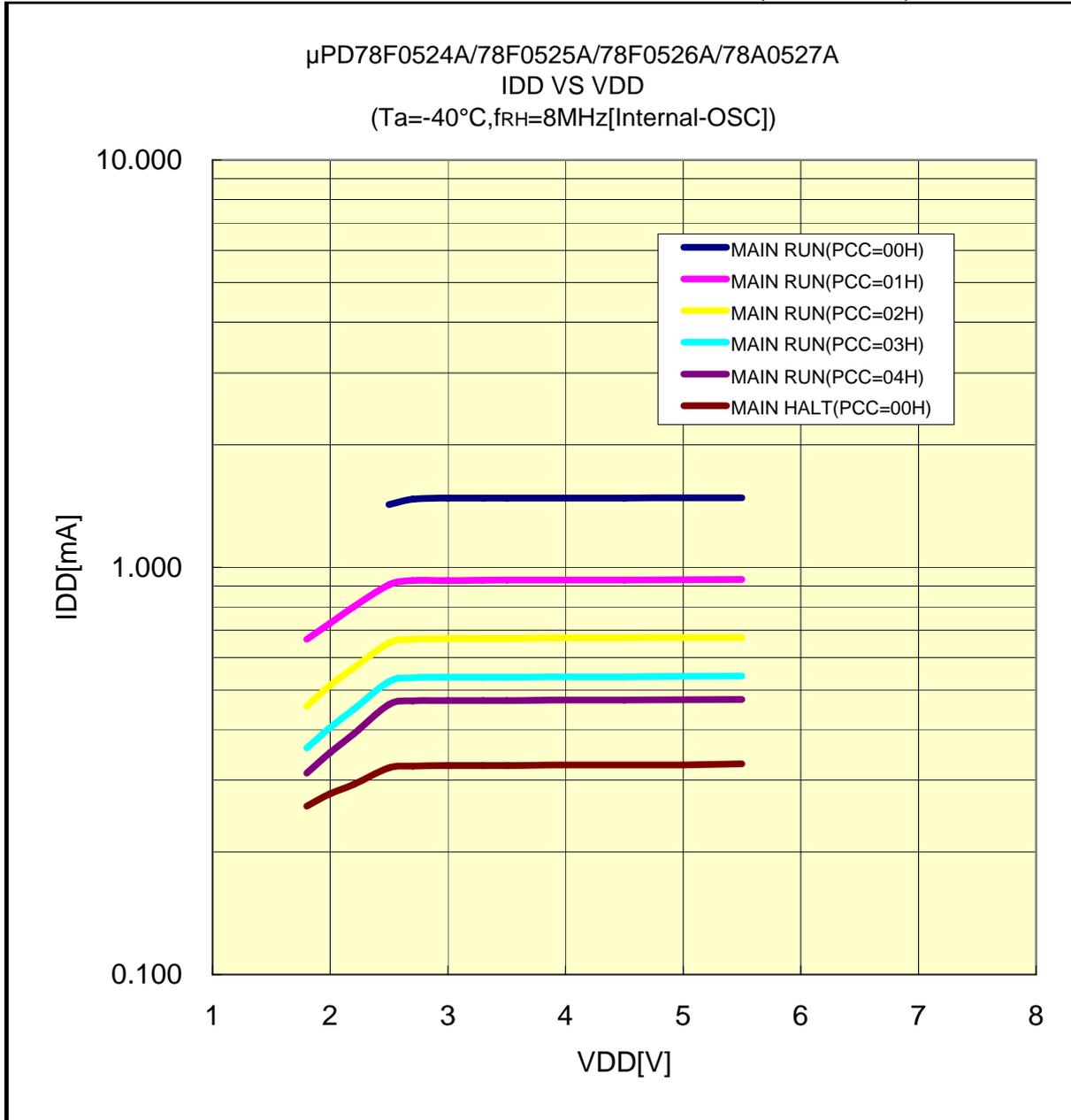
µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fRH=8MHz[Internal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

Y-axis: IDD[mA] (0.100, 1.000, 10.000)
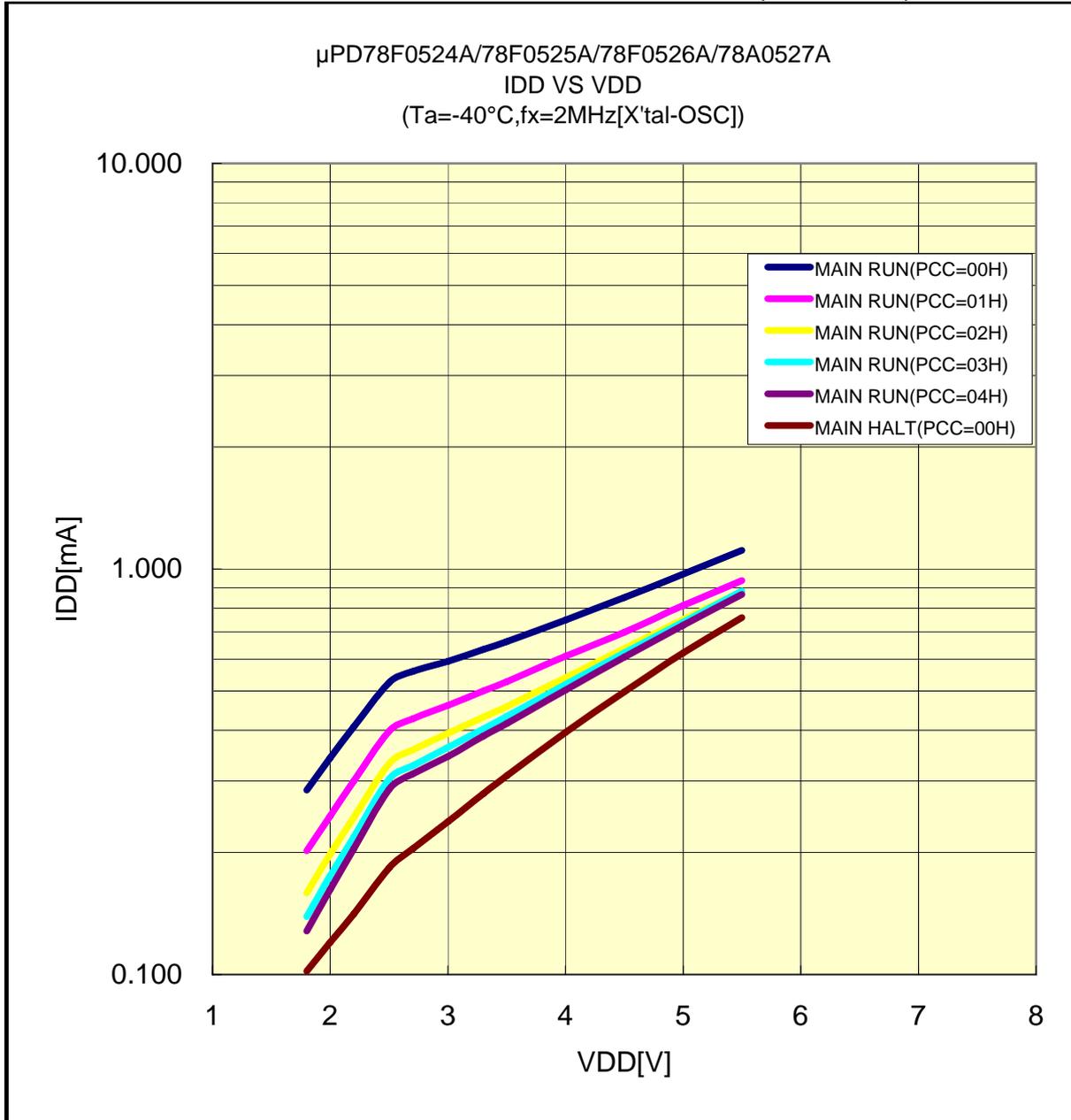X-axis: VDD[V] (1 to 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/2MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=2MHz[X'tal-OSC])

IDD[mA]

VDD[V]

MAIN RUN(PCC=00H)
MAIN RUN(PCC=01H)
MAIN RUN(PCC=02H)
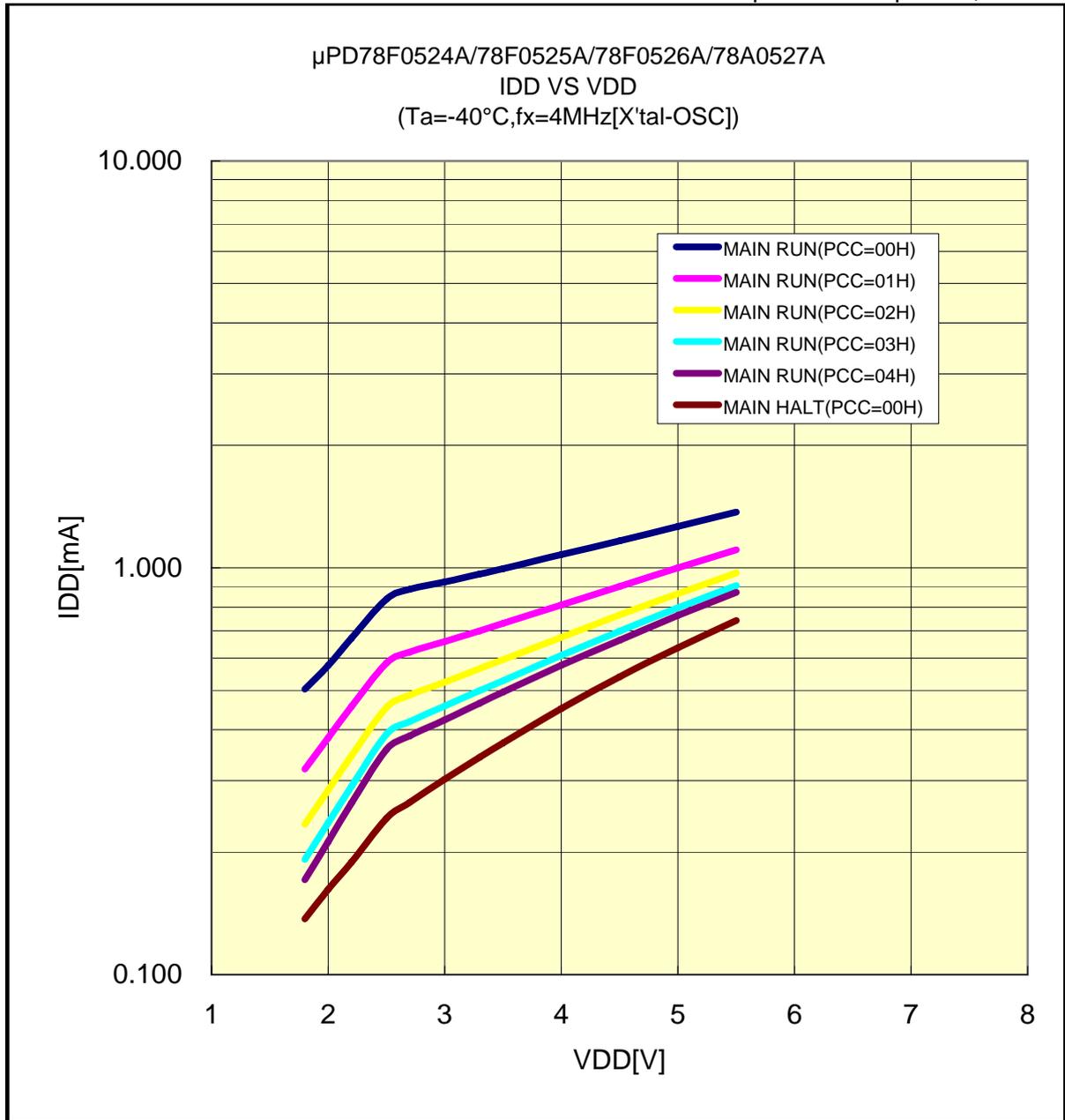MAIN RUN(PCC=03H)
MAIN RUN(PCC=04H)
MAIN HALT(PCC=00H)

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

μPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/4MHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

μPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=4MHz[X'tal-OSC])

- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
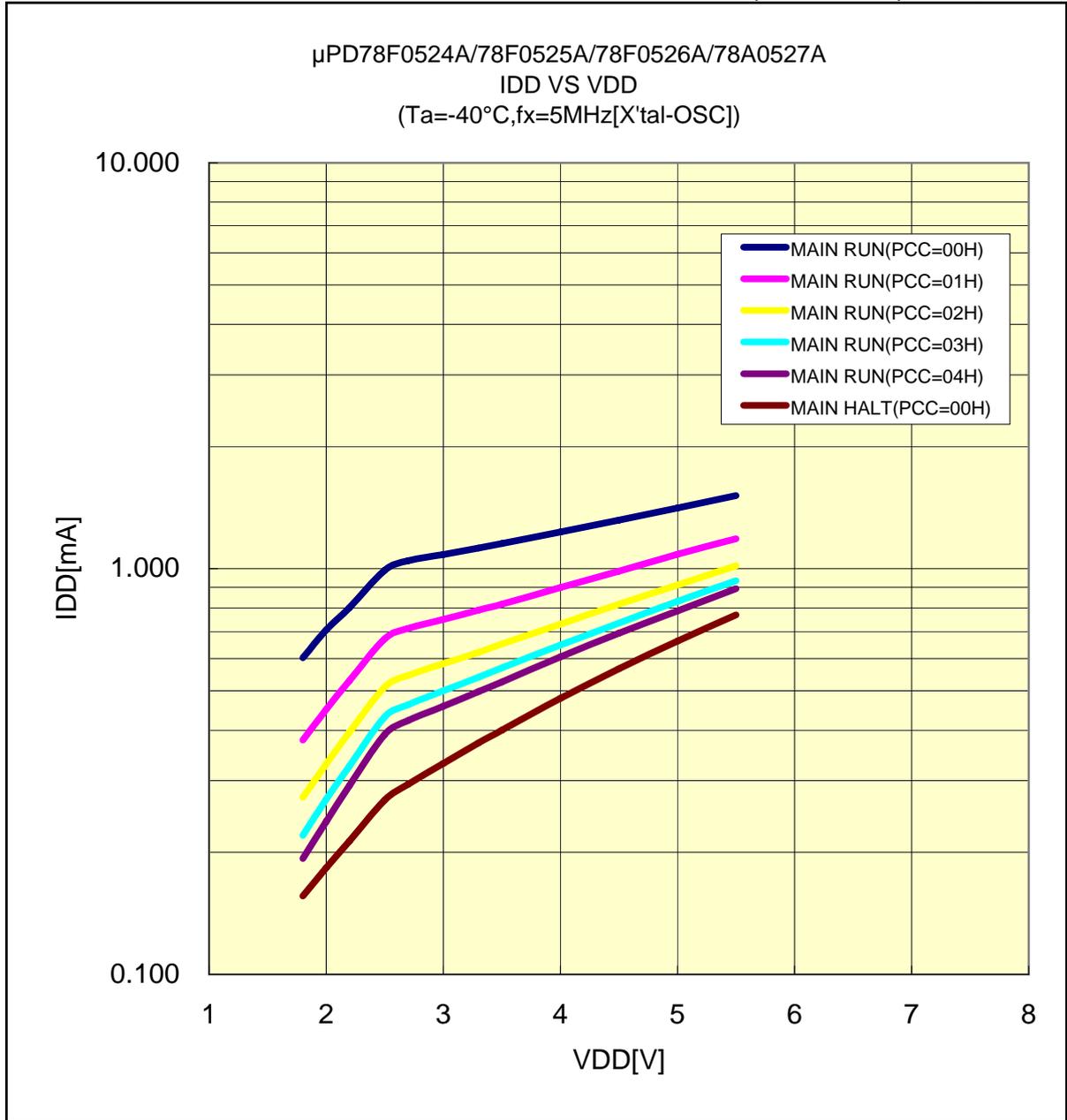- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/5MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=5MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

Y-axis: IDD[mA] (0.100 to 10.000)
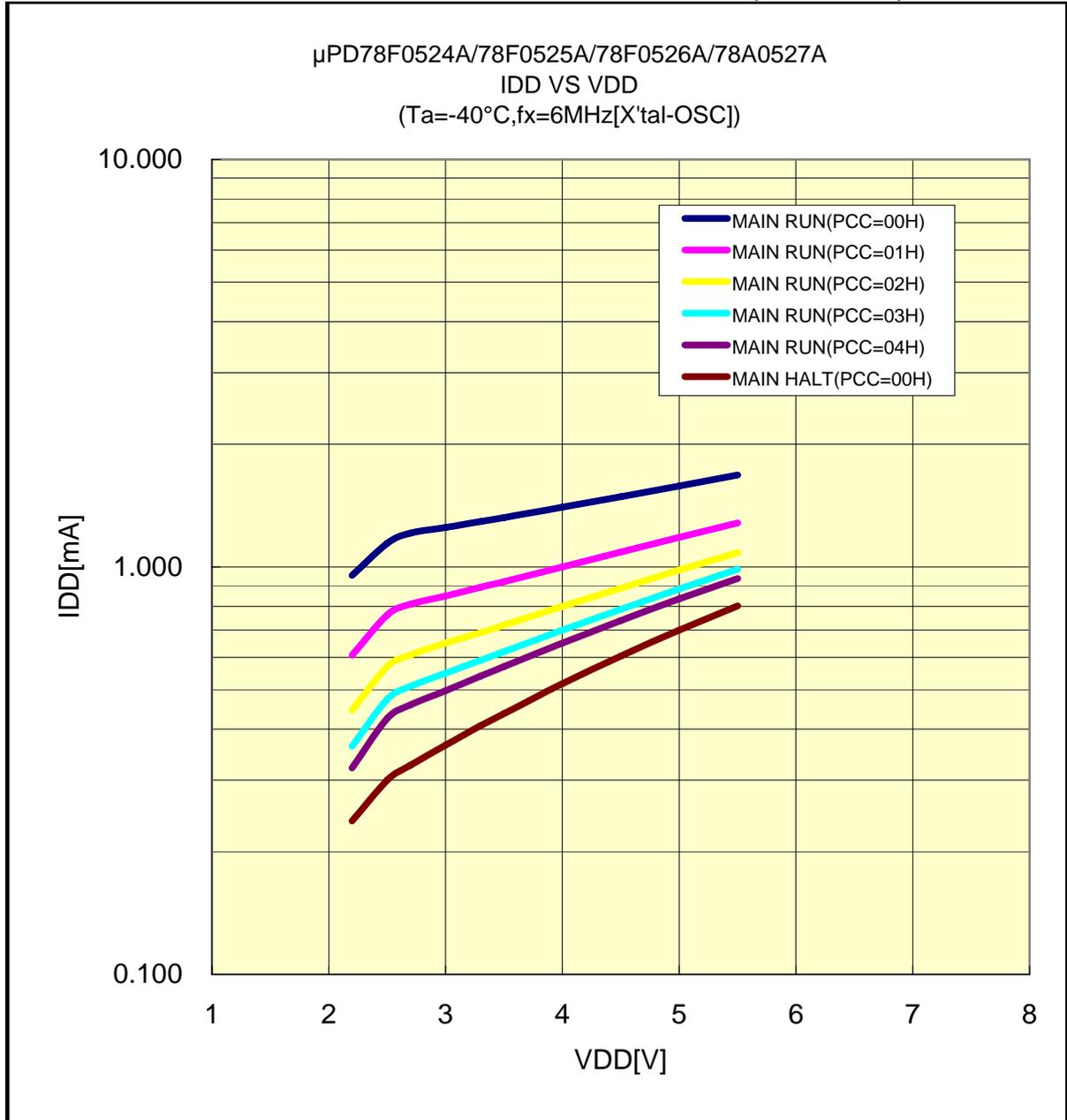X-axis: VDD[V] (1 to 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/6MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=6MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)
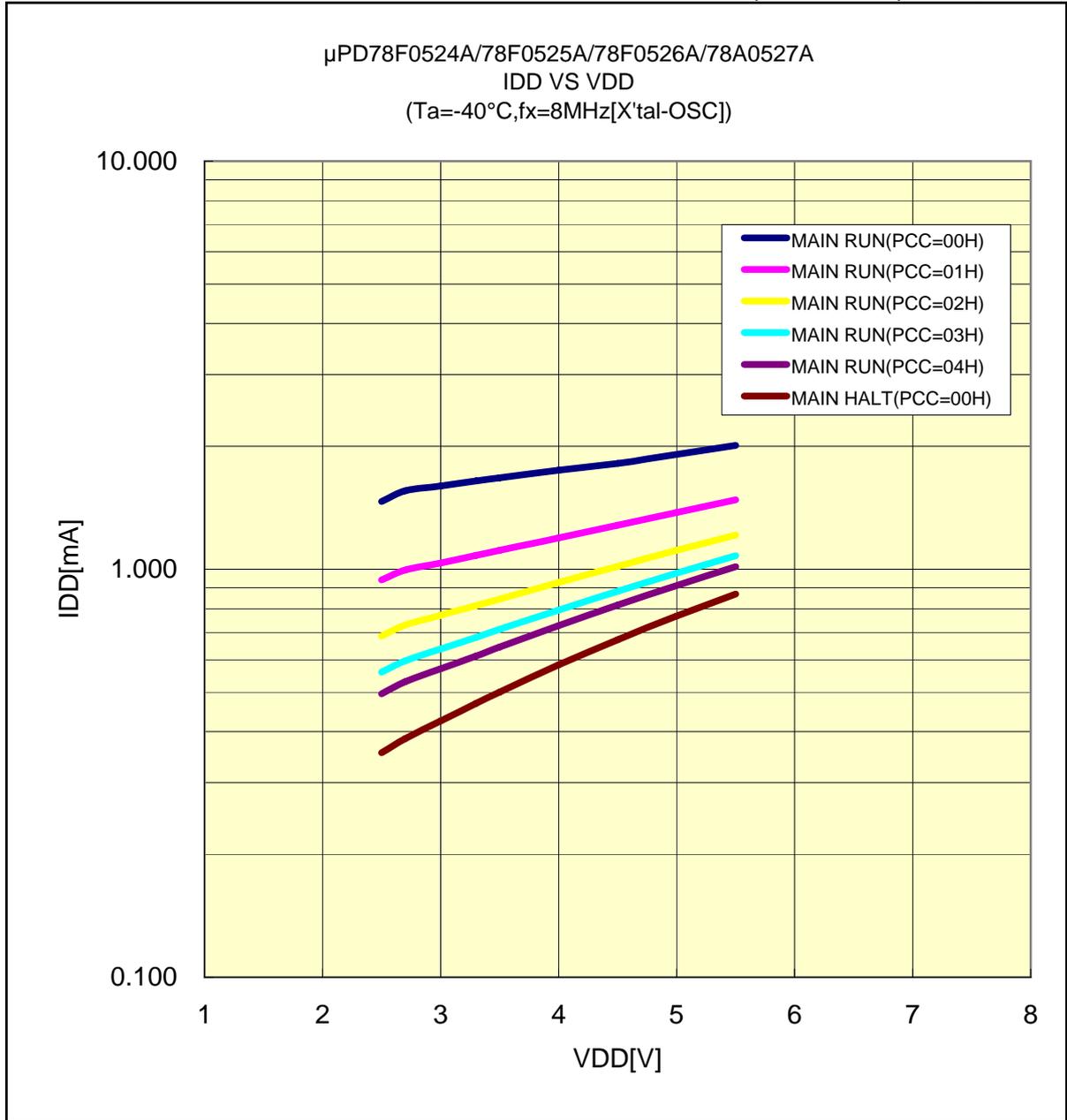
X-axis: VDD[V]
Y-axis: IDD[mA]

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

μPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/8MHz[X'tal-OSC])

μPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=8MHz[X'tal-OSC])

MAIN RUN(PCC=00H)
MAIN RUN(PCC=01H)
MAIN RUN(PCC=02H)
MAIN RUN(PCC=03H)
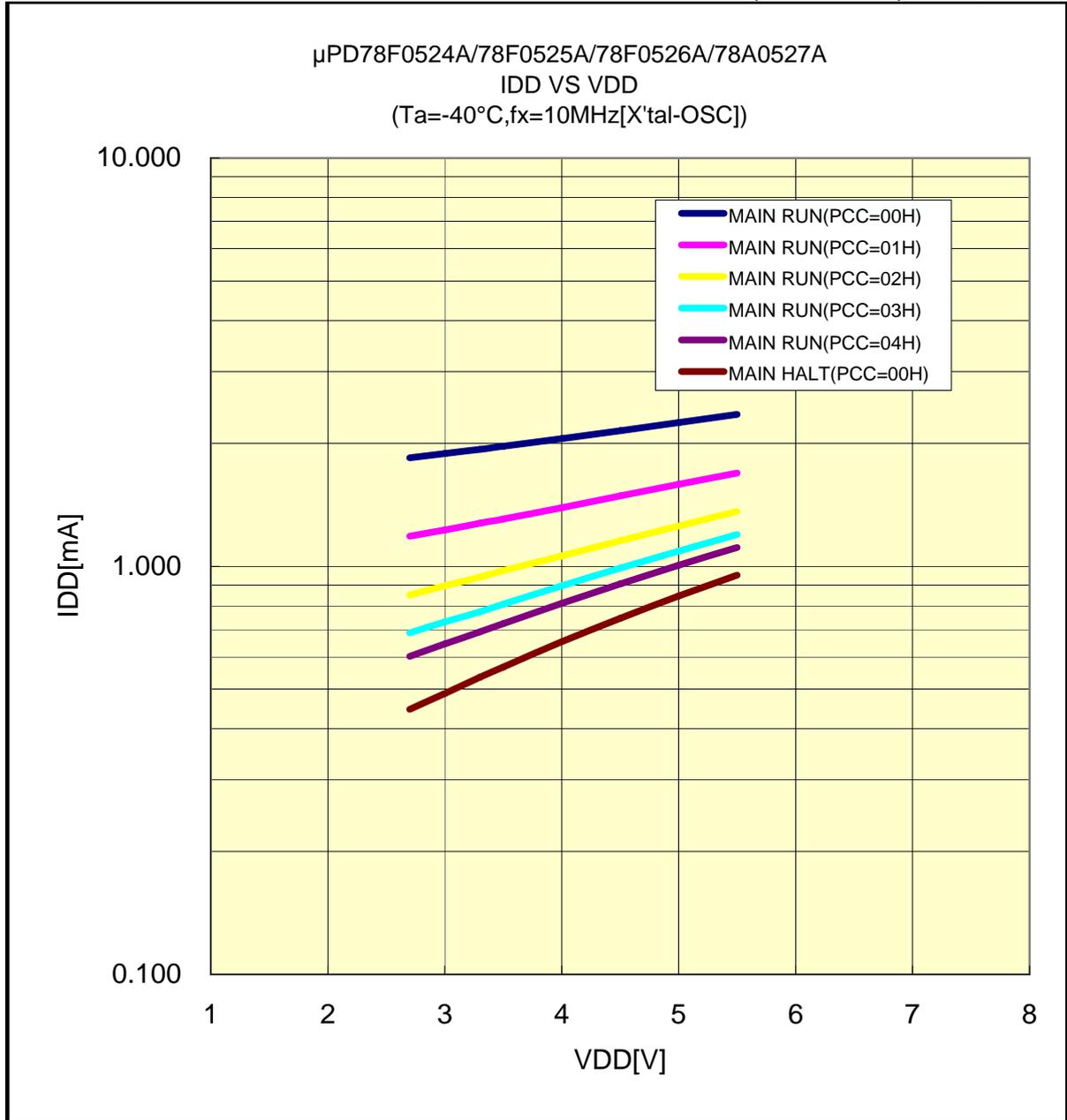MAIN RUN(PCC=04H)
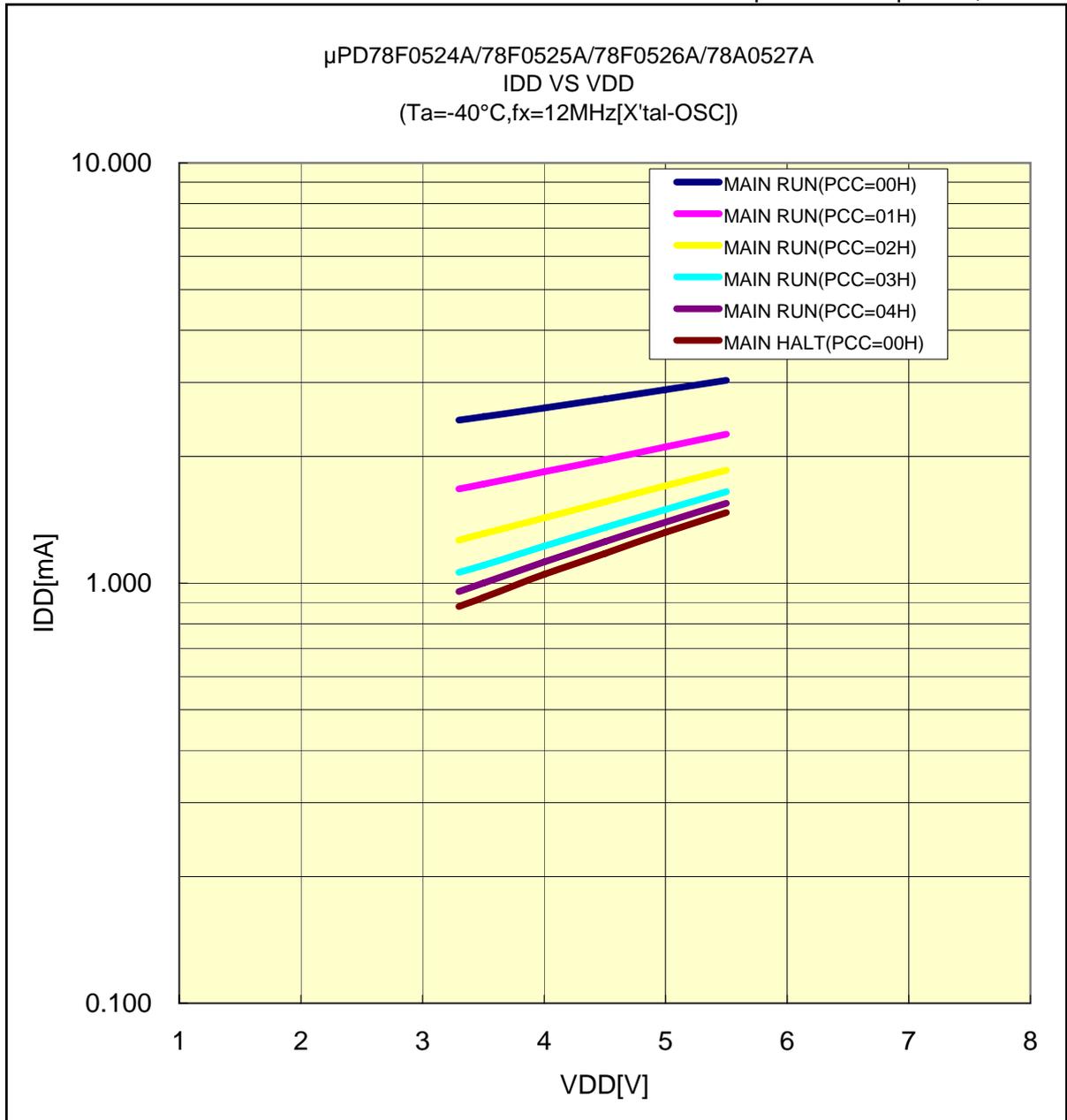MAIN HALT(PCC=00H)

IDD[mA]

VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/10MHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=10MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)
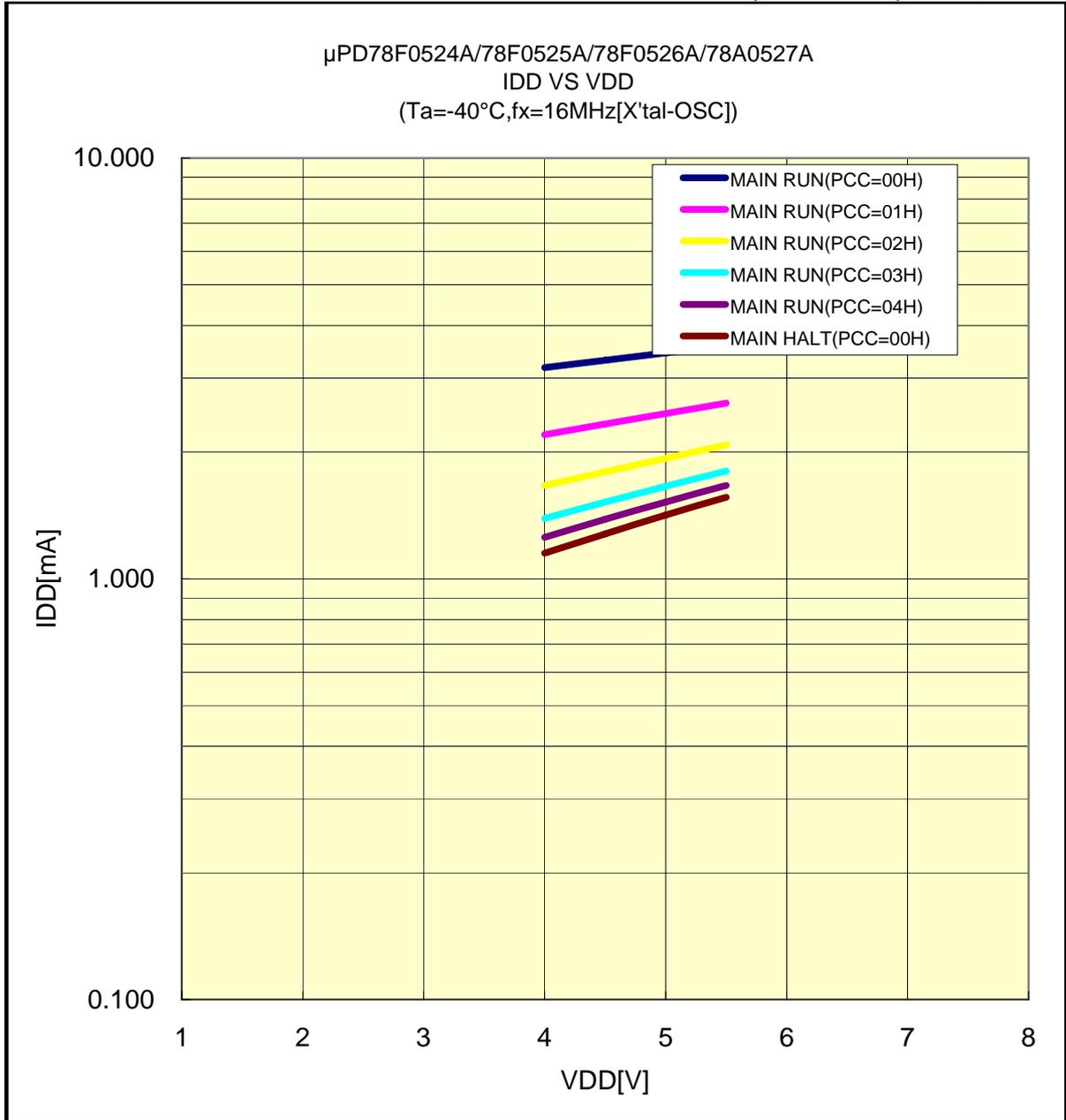
Y-axis: IDD[mA], X-axis: VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/12MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=12MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

X-axis: VDD[V], Y-axis: IDD[mA]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/16MHz[X'tal-OSC])
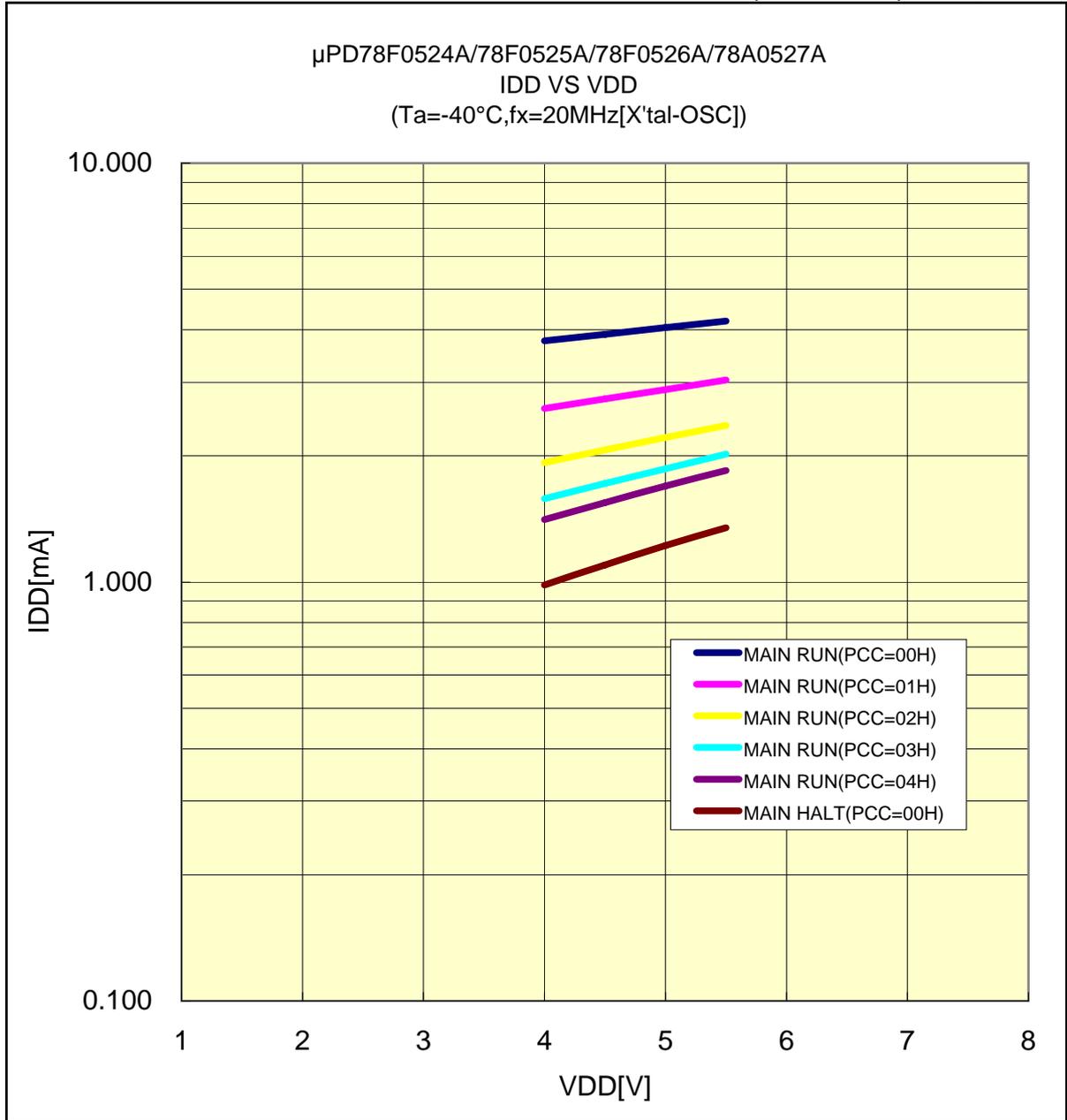
Prepared on Sep. 21st, 2007

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/20MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=-40°C,fx=20MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
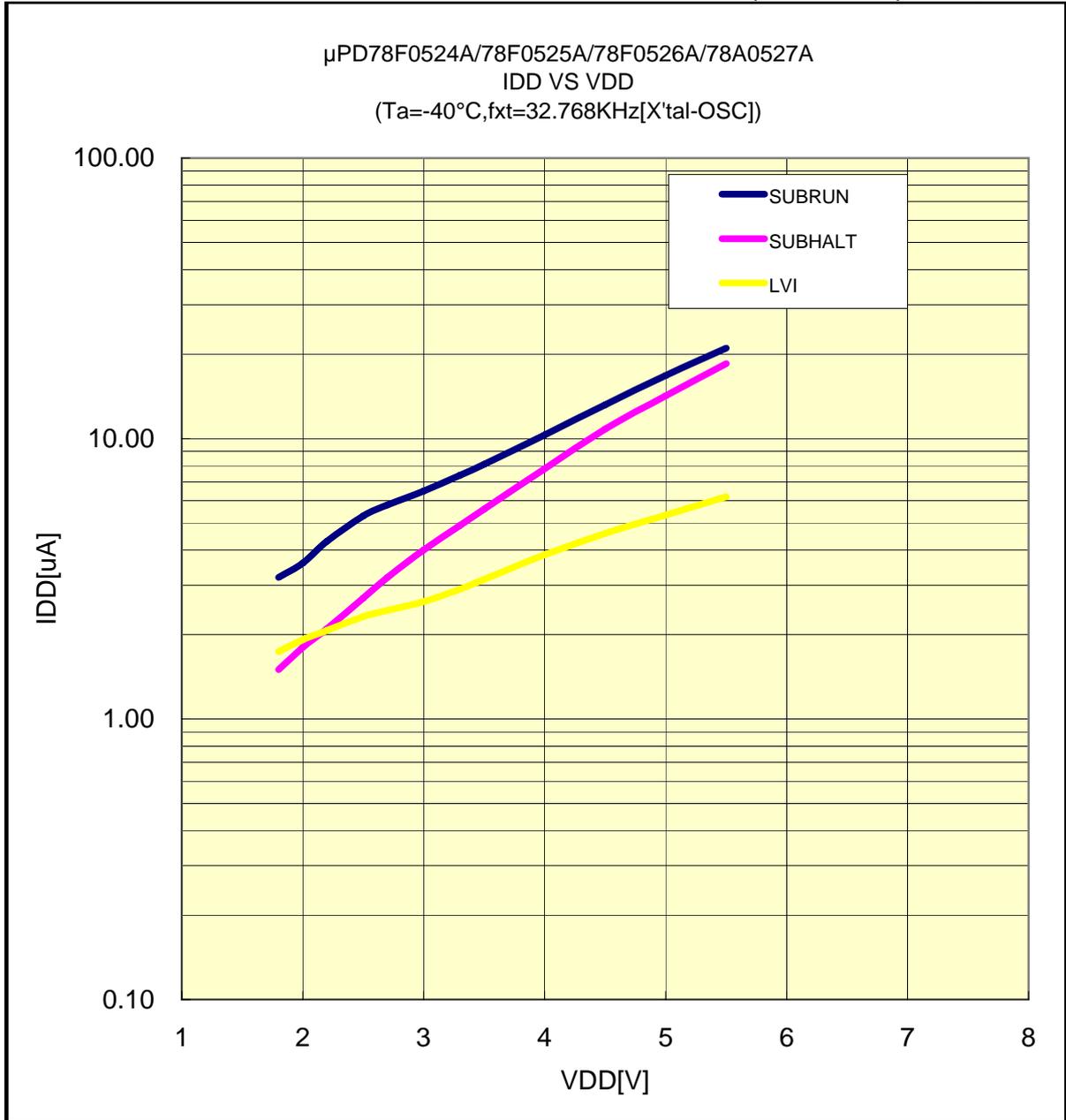- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

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

μPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/32.768KHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

μPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
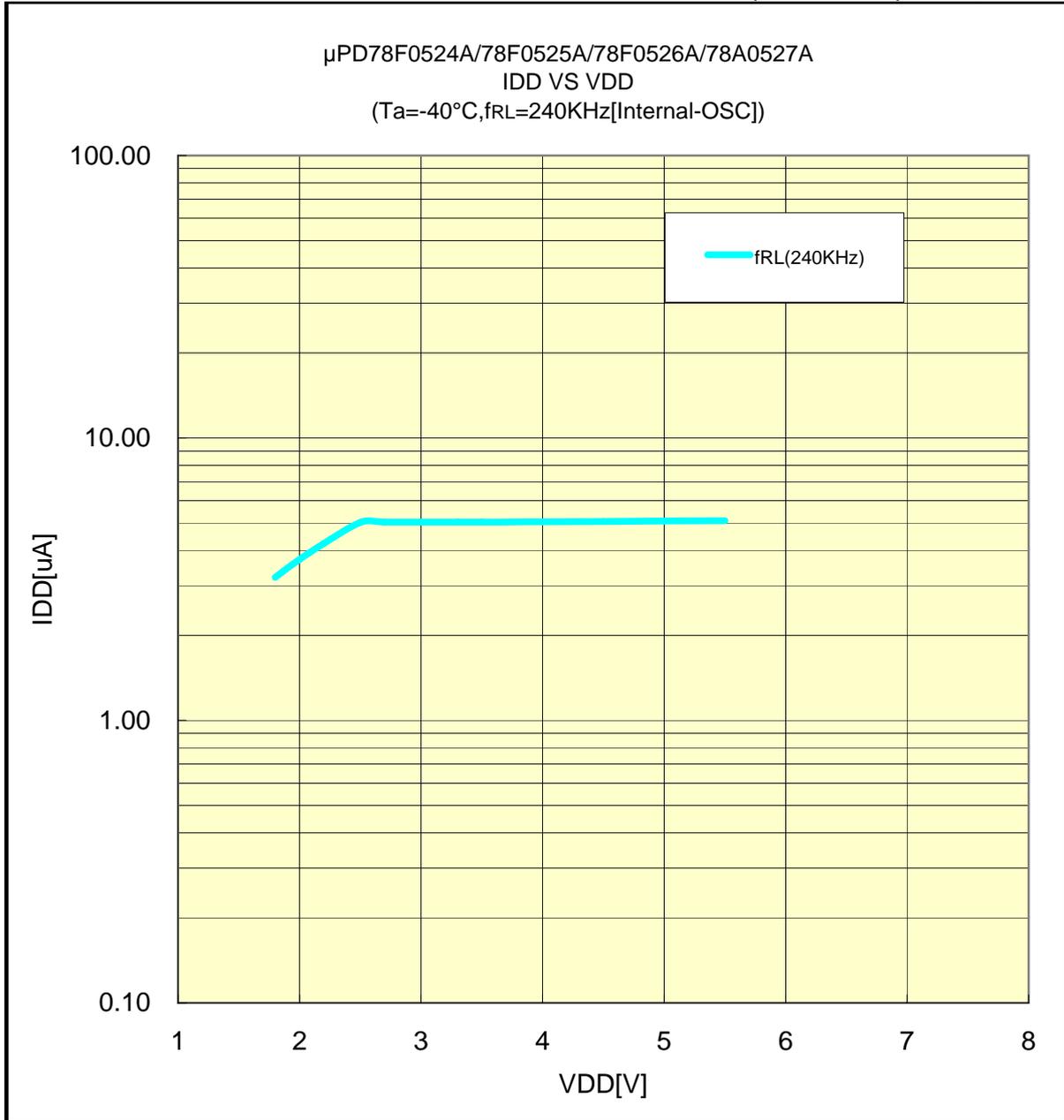(Ta=-40°C,fxt=32.768KHz[X'tal-OSC])

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(-40°C/240KHz[INternal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
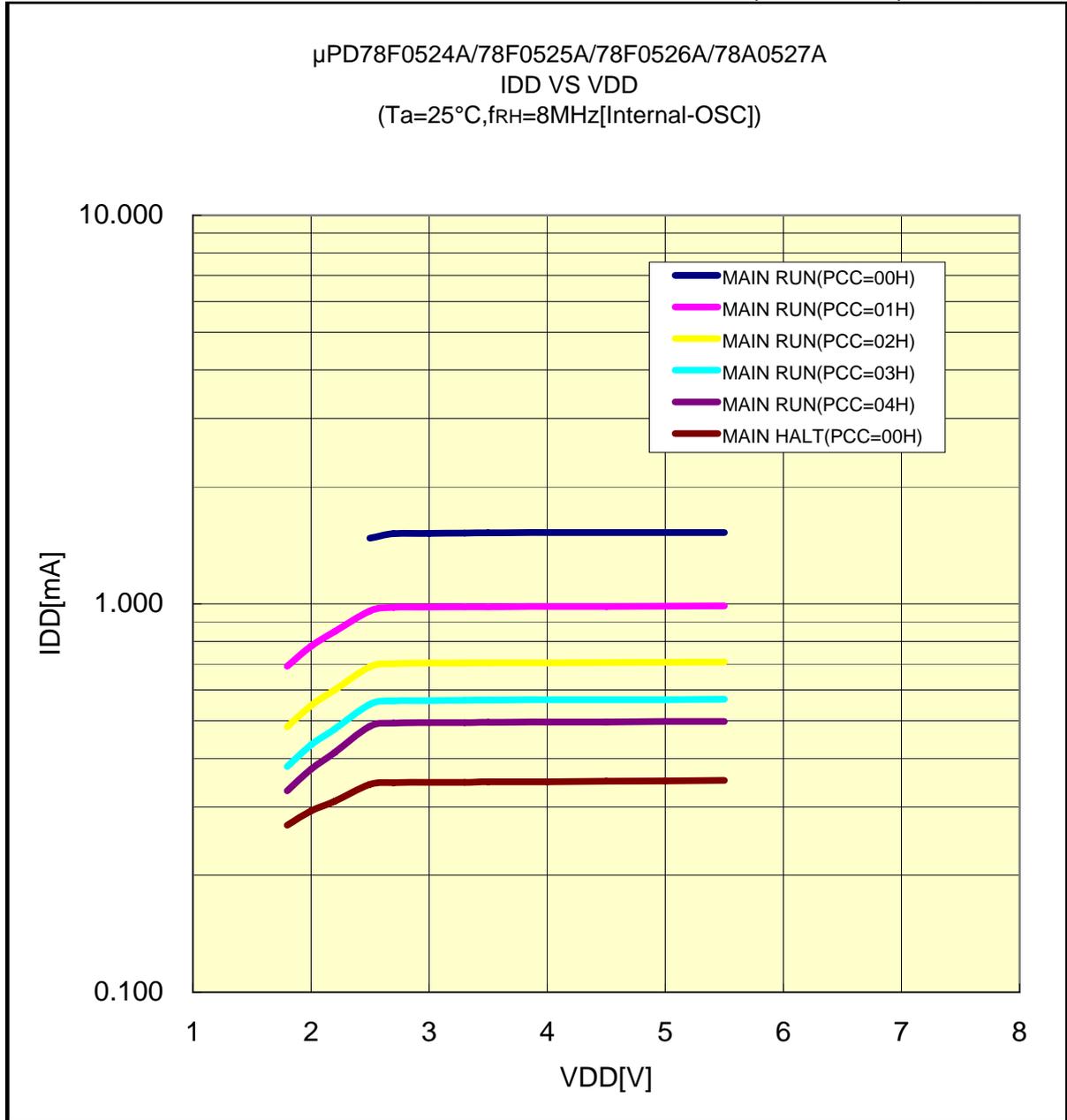(Ta=-40°C,fRL=240KHz[Internal-OSC])

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/8MHz[Internal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
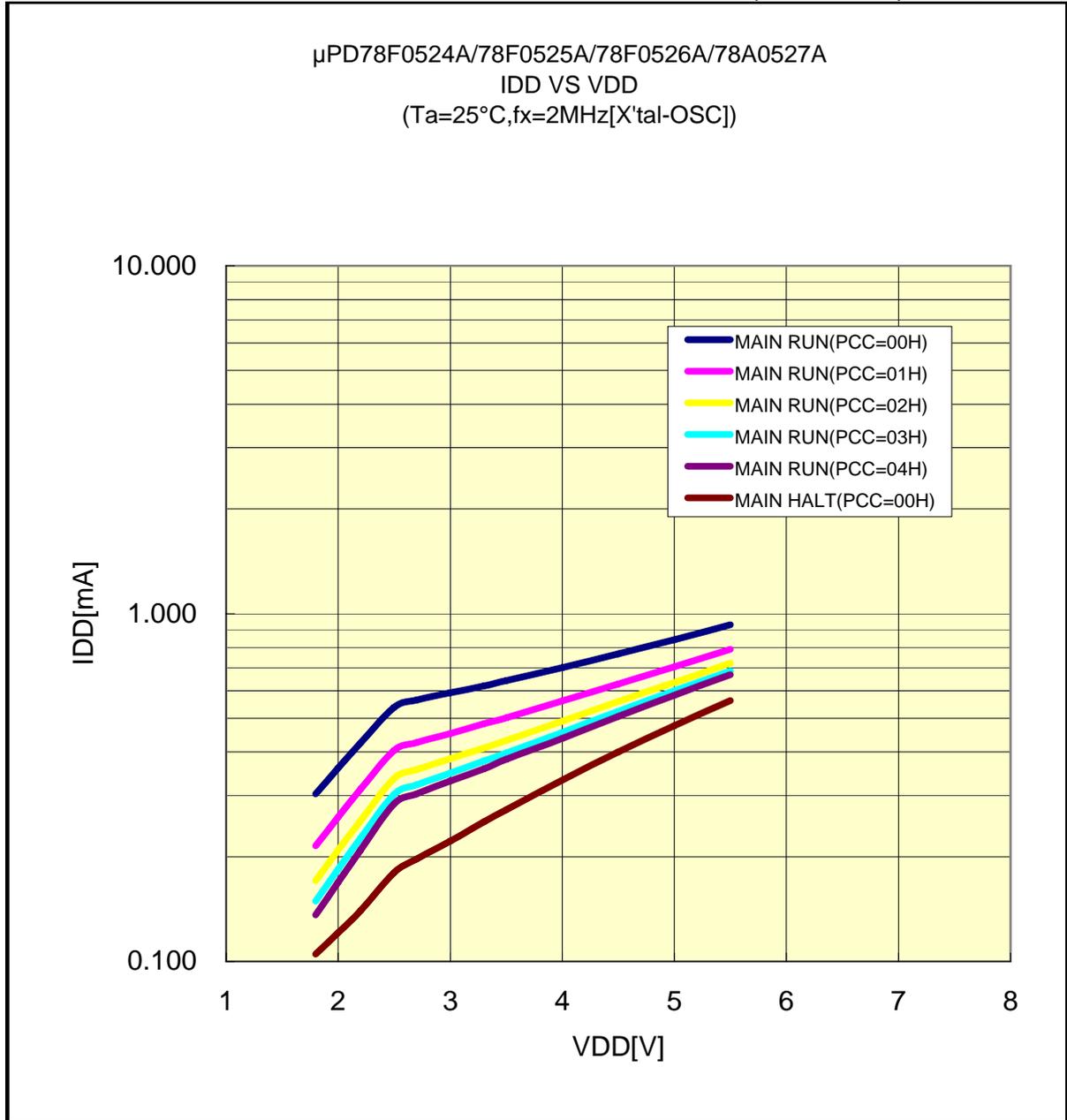IDD VS VDD
(Ta=25°C,fRH=8MHz[Internal-OSC])

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

μPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/2MHz[X'tal-OSC])

μPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=2MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
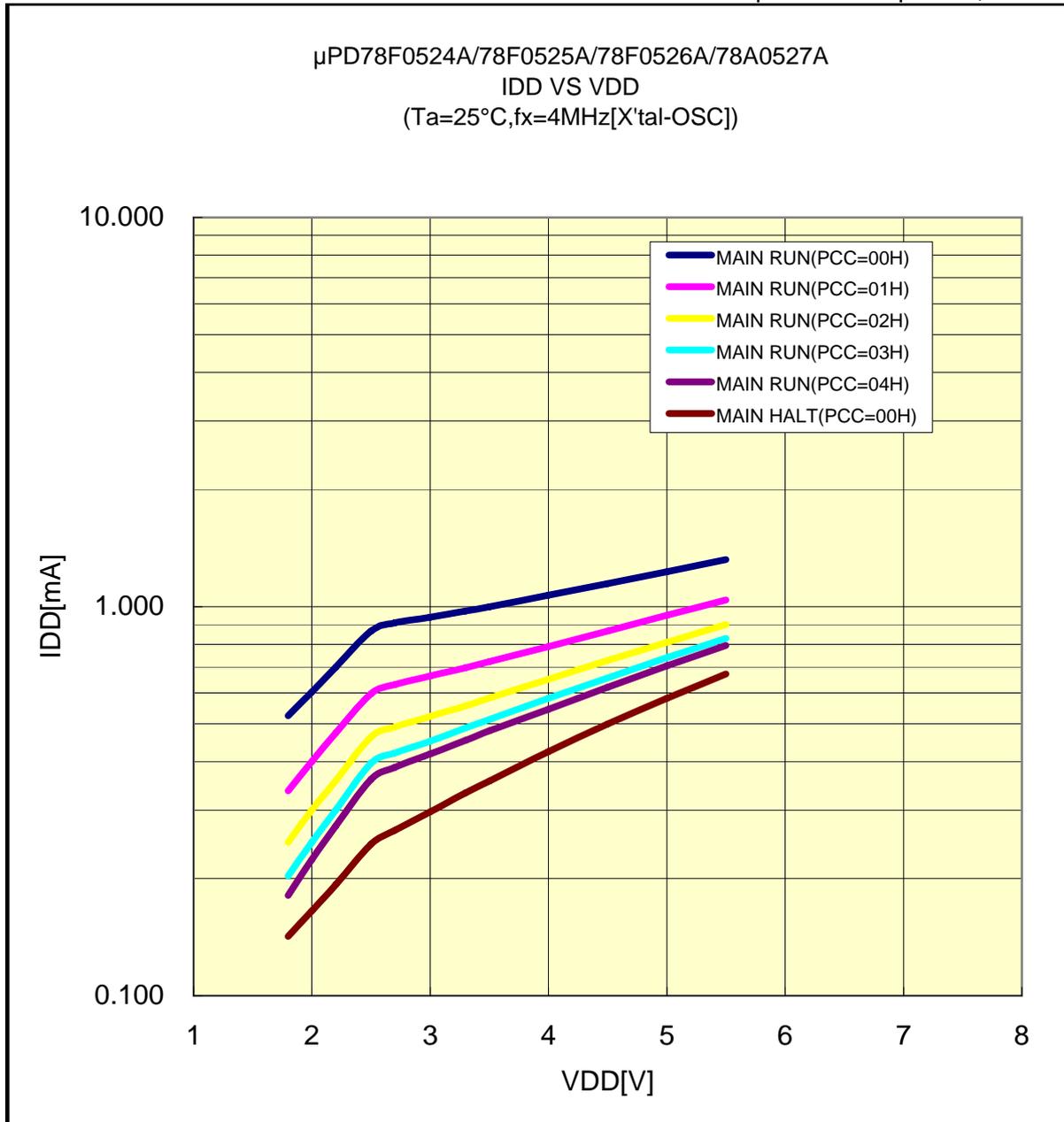- MAIN HALT(PCC=00H)

IDD[mA] vs VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/4MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=4MHz[X'tal-OSC])

- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

IDD[mA] (y-axis: 0.100, 1.000, 10.000)
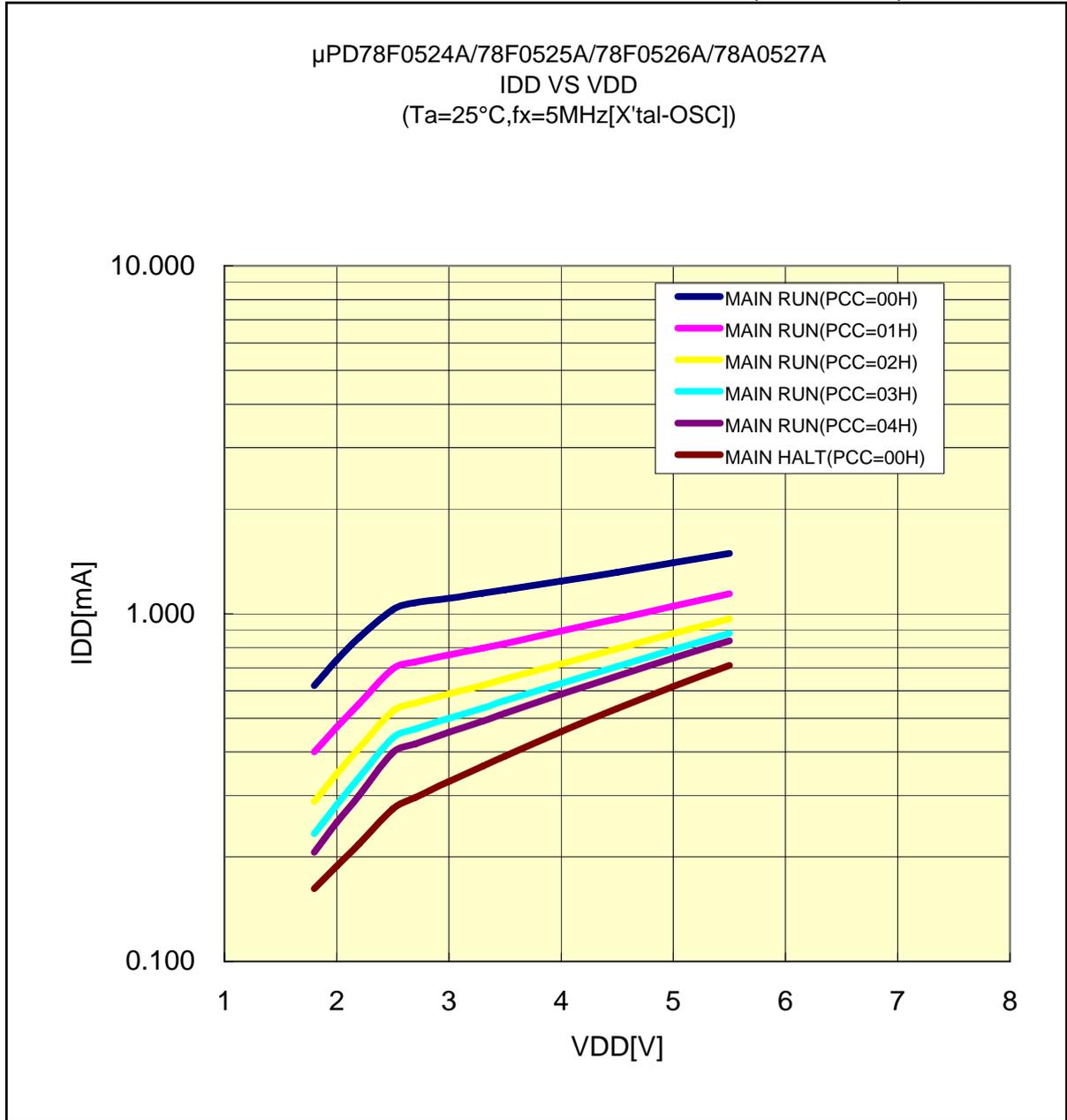
VDD[V] (x-axis: 1, 2, 3, 4, 5, 6, 7, 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/5MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=5MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

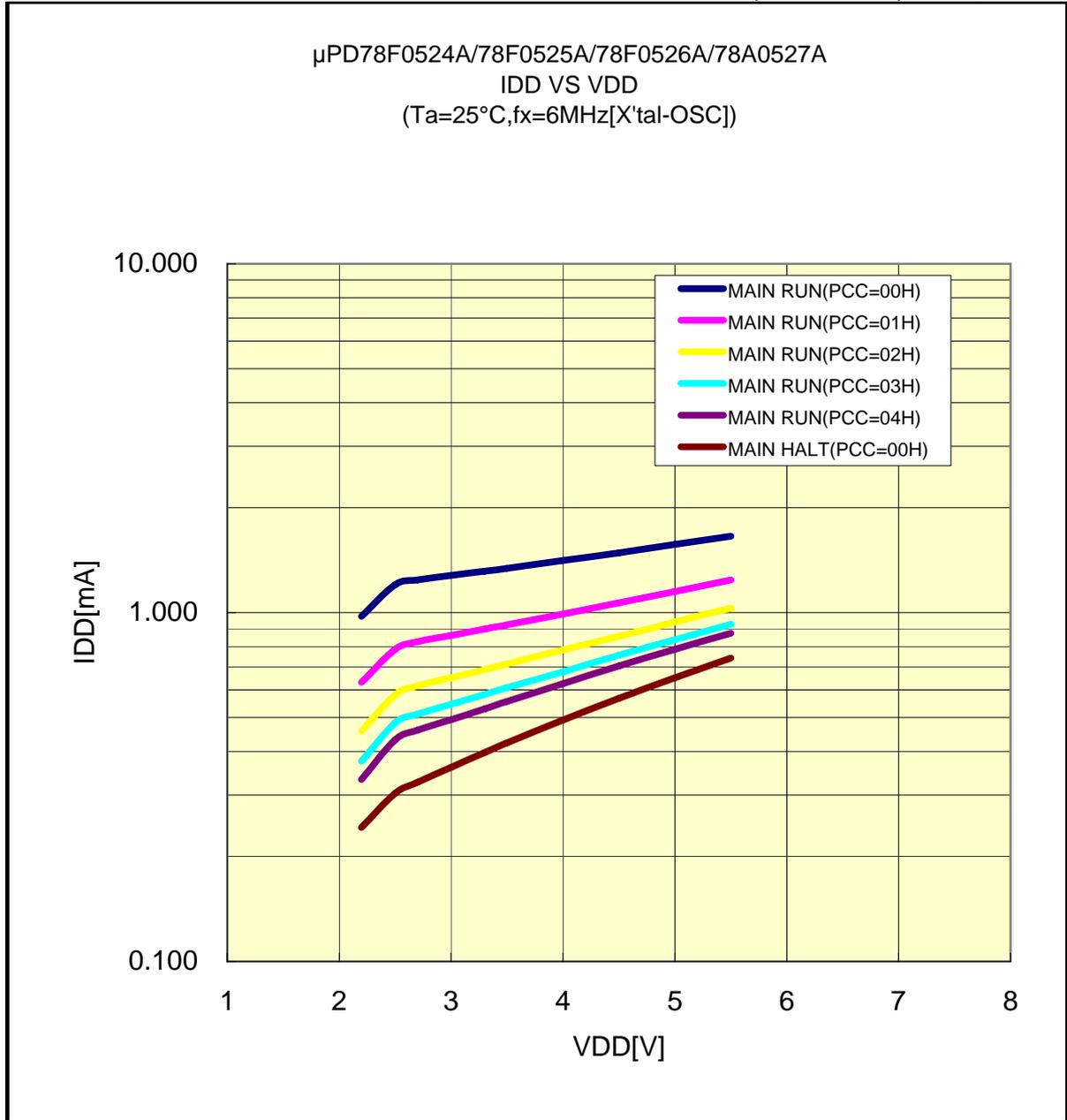Y-axis: IDD[mA]
X-axis: VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/6MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=6MHz[X'tal-OSC])

MAIN RUN(PCC=00H)
MAIN RUN(PCC=01H)
MAIN RUN(PCC=02H)
MAIN RUN(PCC=03H)
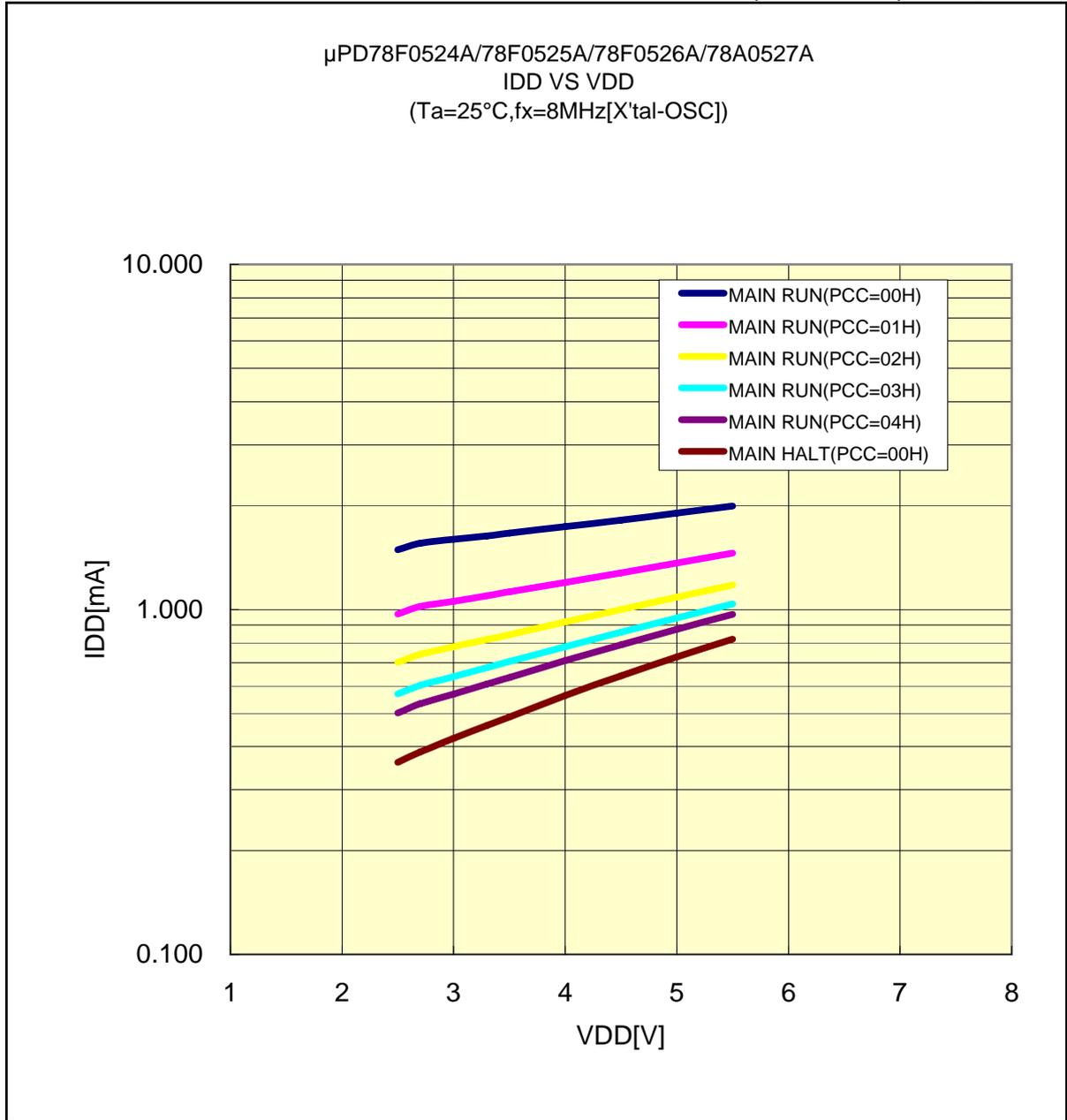MAIN RUN(PCC=04H)
MAIN HALT(PCC=00H)

IDD[mA]

VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/8MHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=8MHz[X'tal-OSC])

IDD[mA] / VDD[V]

MAIN RUN(PCC=00H)
MAIN RUN(PCC=01H)
MAIN RUN(PCC=02H)
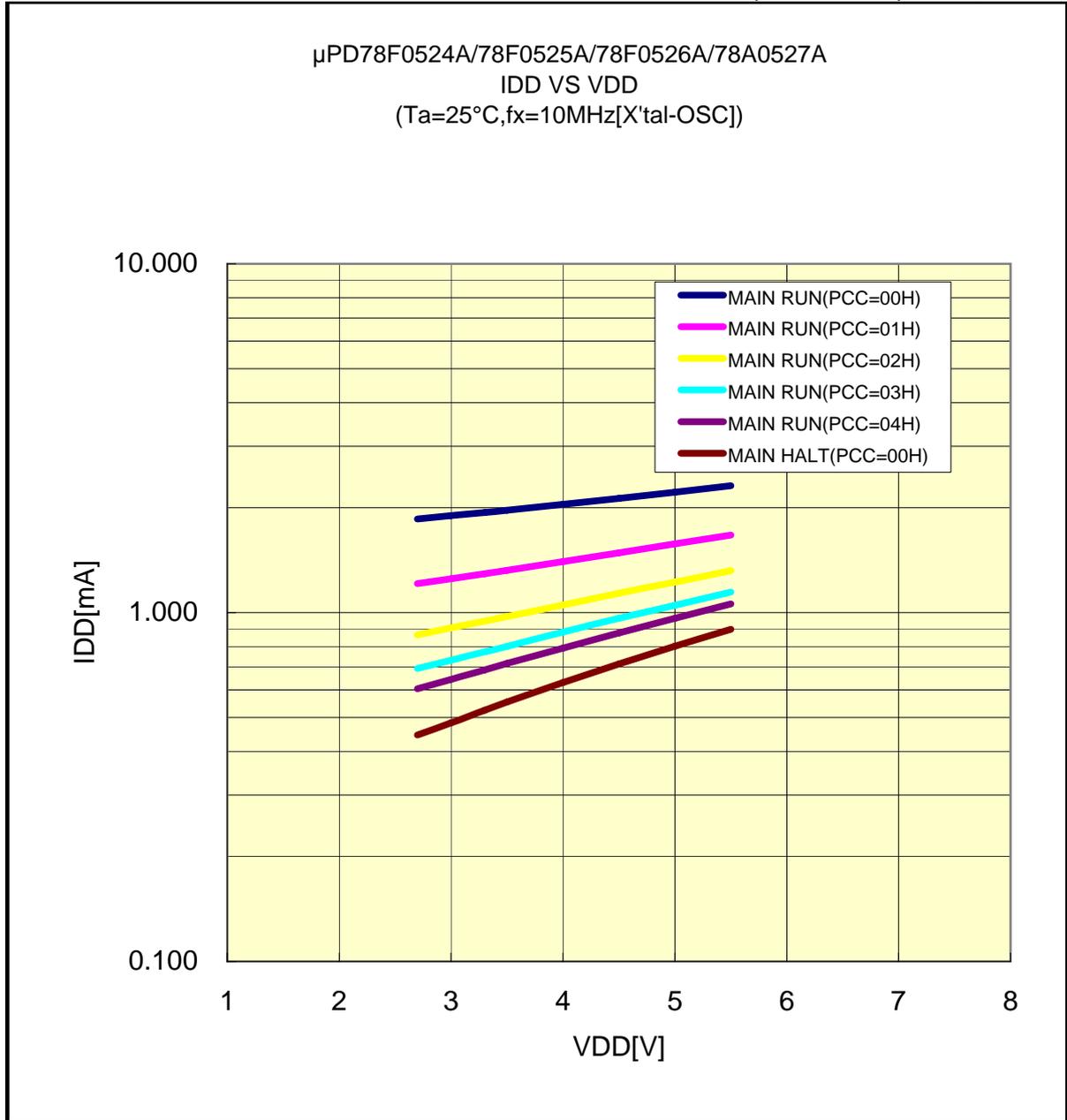MAIN RUN(PCC=03H)
MAIN RUN(PCC=04H)
MAIN HALT(PCC=00H)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/10MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=10MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)
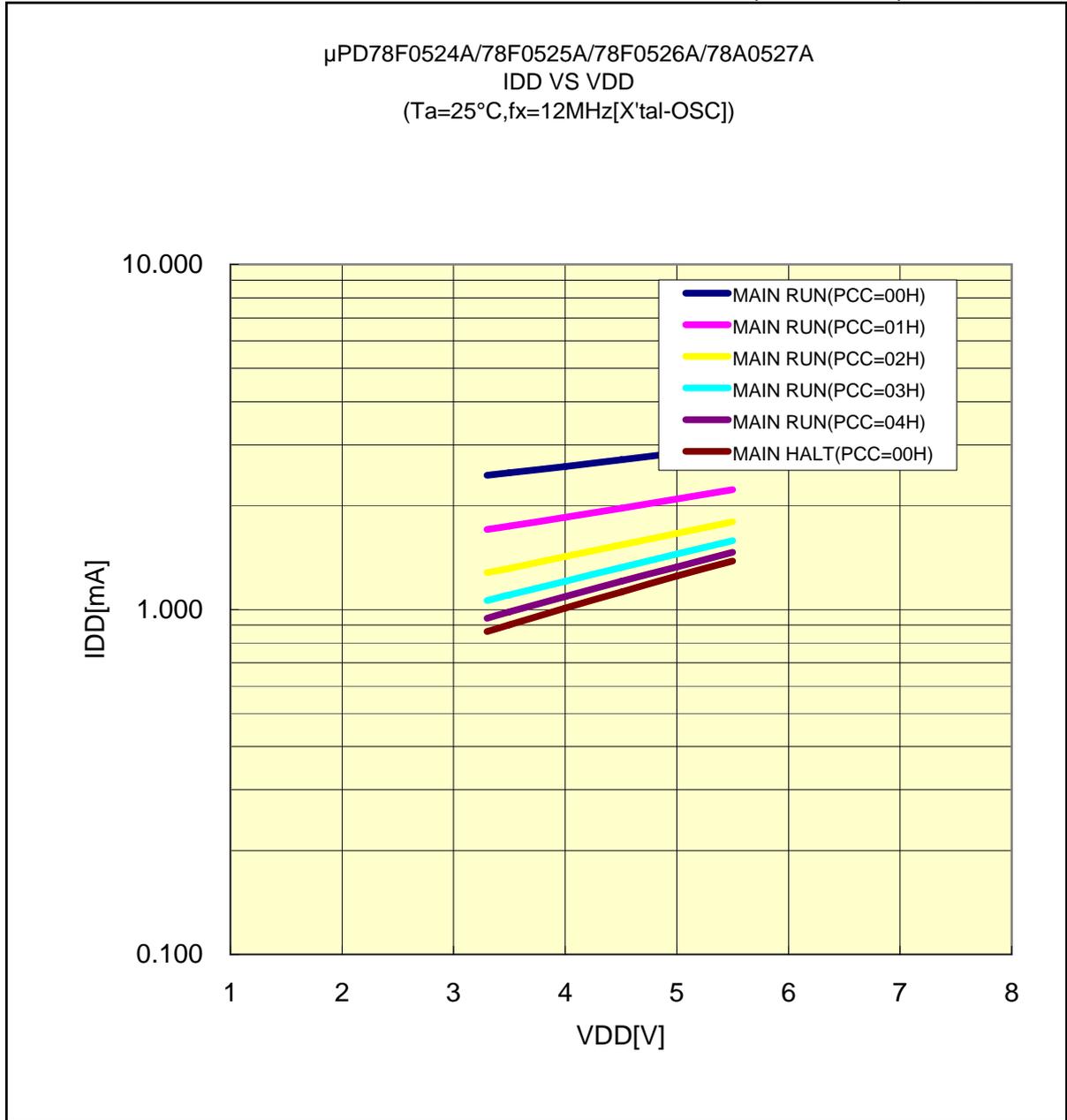
X-axis: VDD[V], Y-axis: IDD[mA]

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

μPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/12MHz[X'tal-OSC])

μPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=12MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

Y-axis: IDD[mA] (0.100 to 10.000)
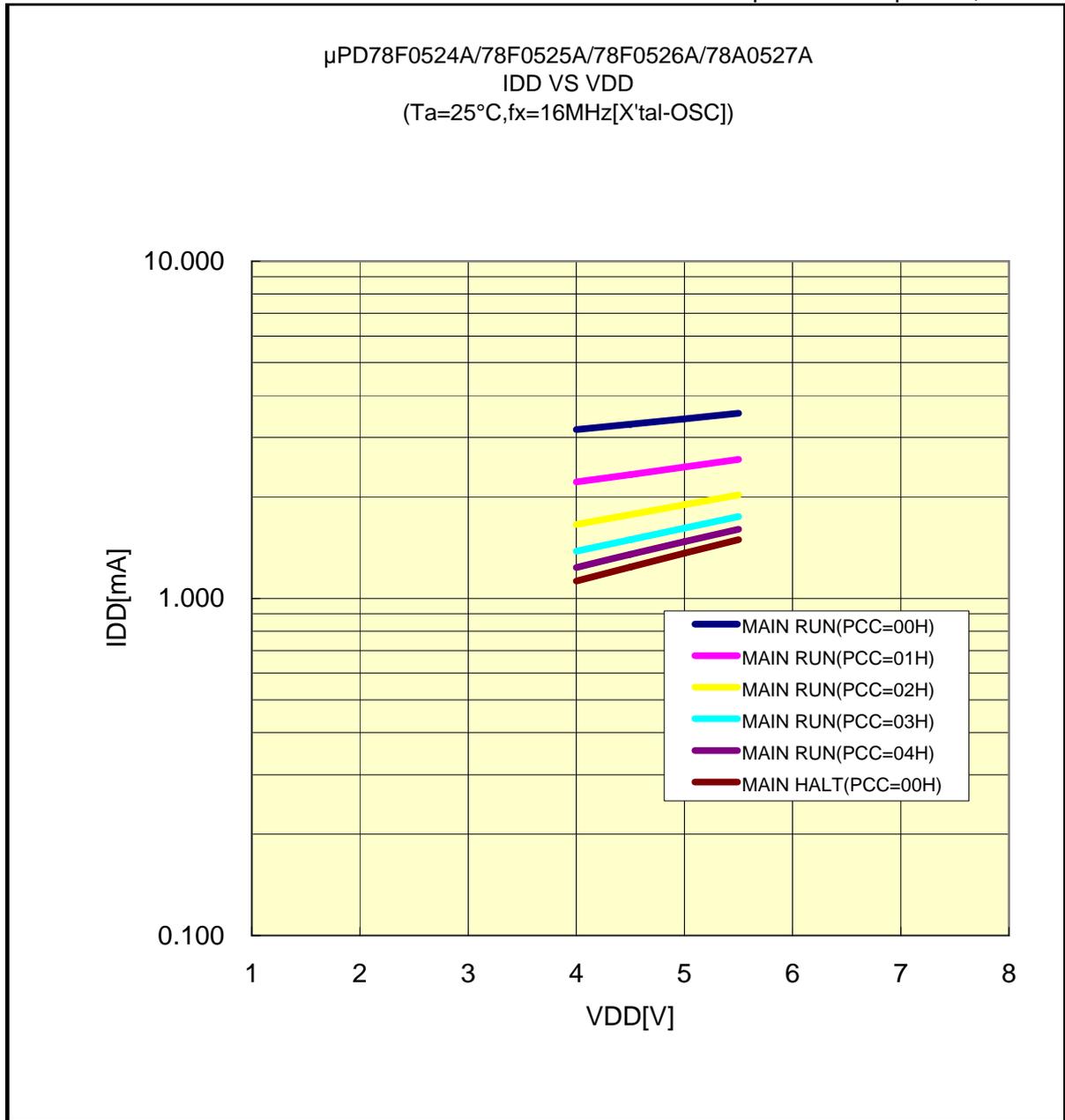X-axis: VDD[V] (1 to 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/16MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=16MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)
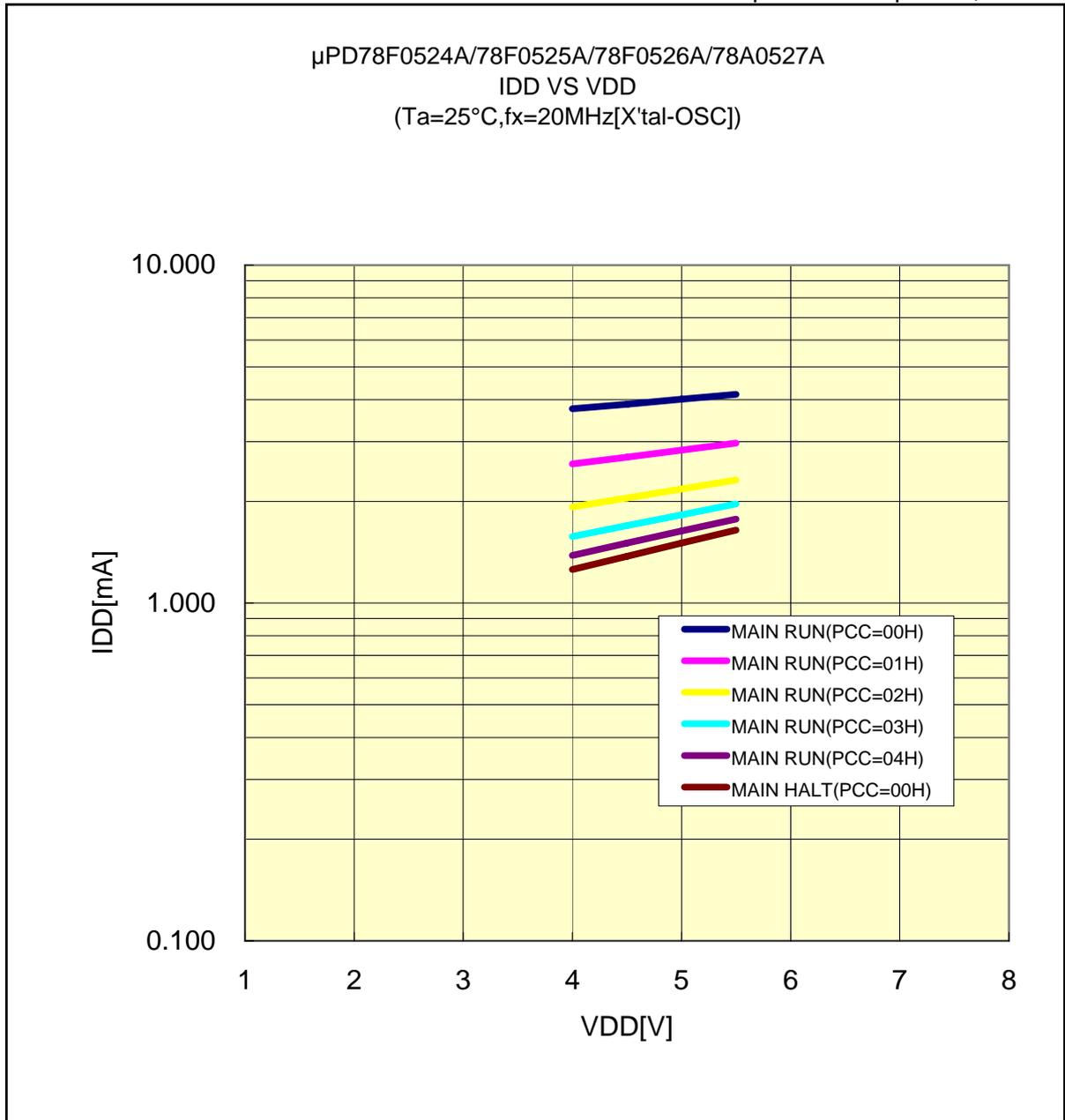
X-axis: VDD[V], Y-axis: IDD[mA]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/20MHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fx=20MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

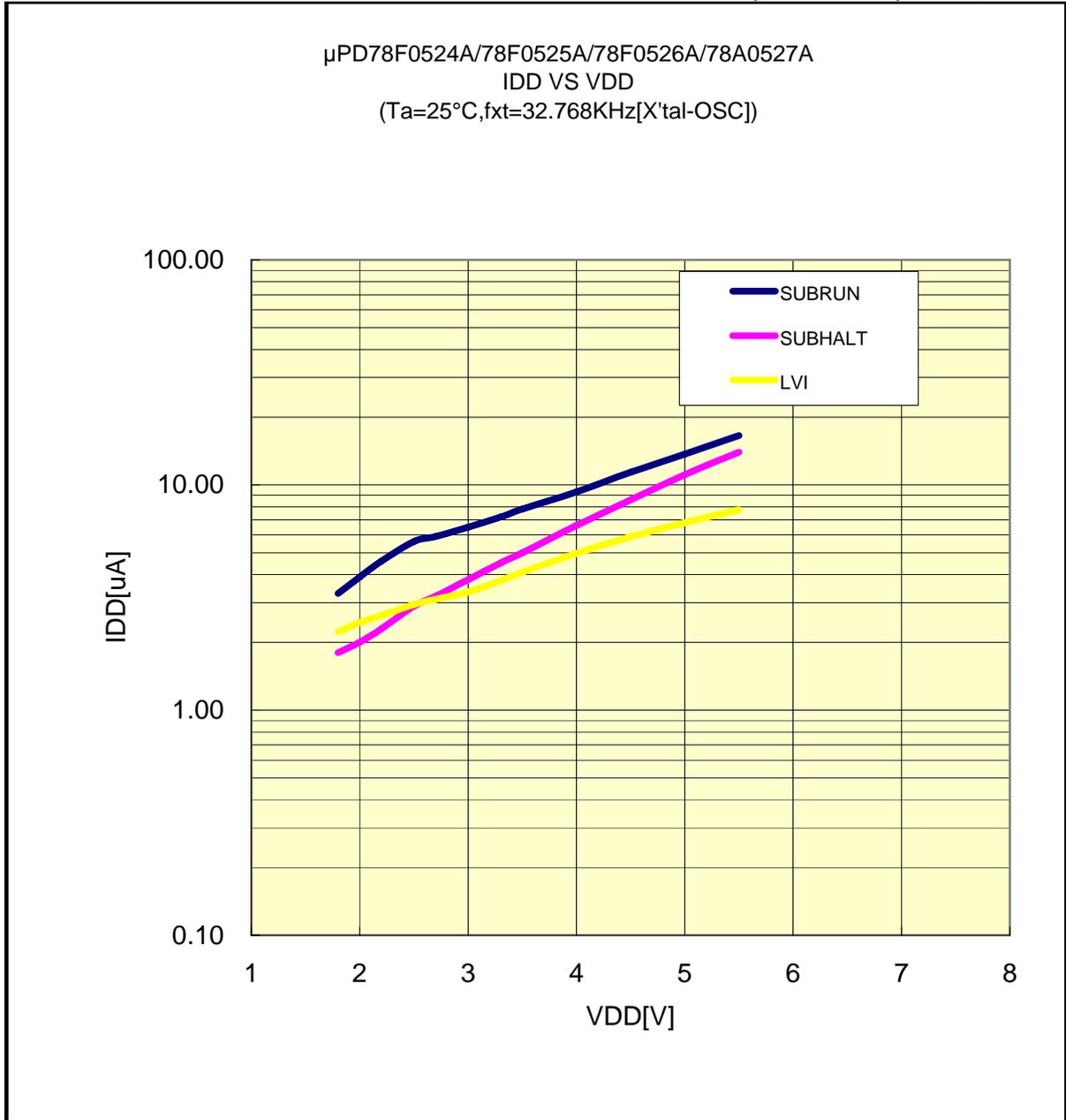Axes: IDD[mA] (vertical, 0.100 to 10.000), VDD[V] (horizontal, 1 to 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/32.768KHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
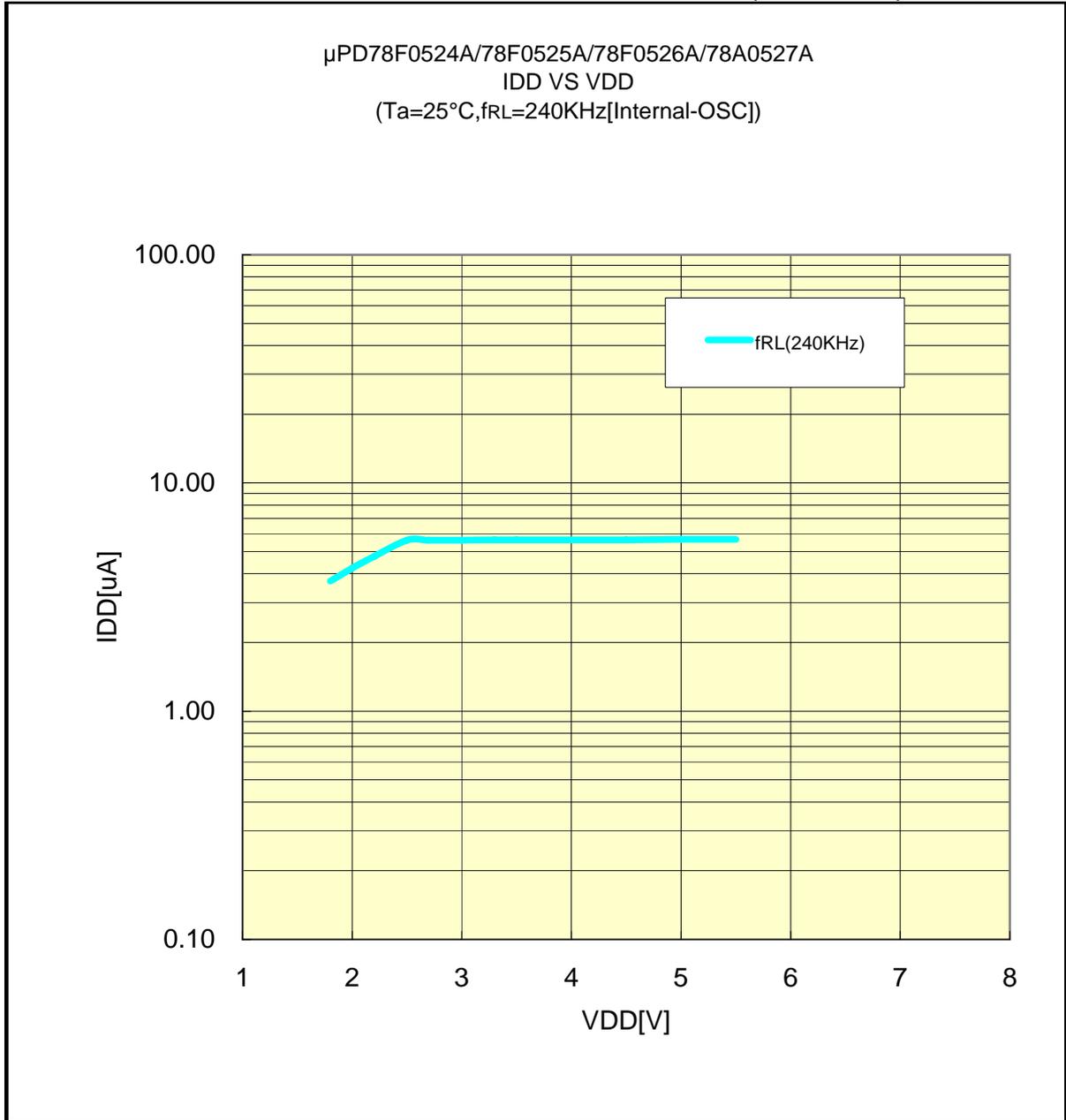(Ta=25°C,fxt=32.768KHz[X'tal-OSC])

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(25°C/240KHz[INternal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=25°C,fRL=240KHz[Internal-OSC])

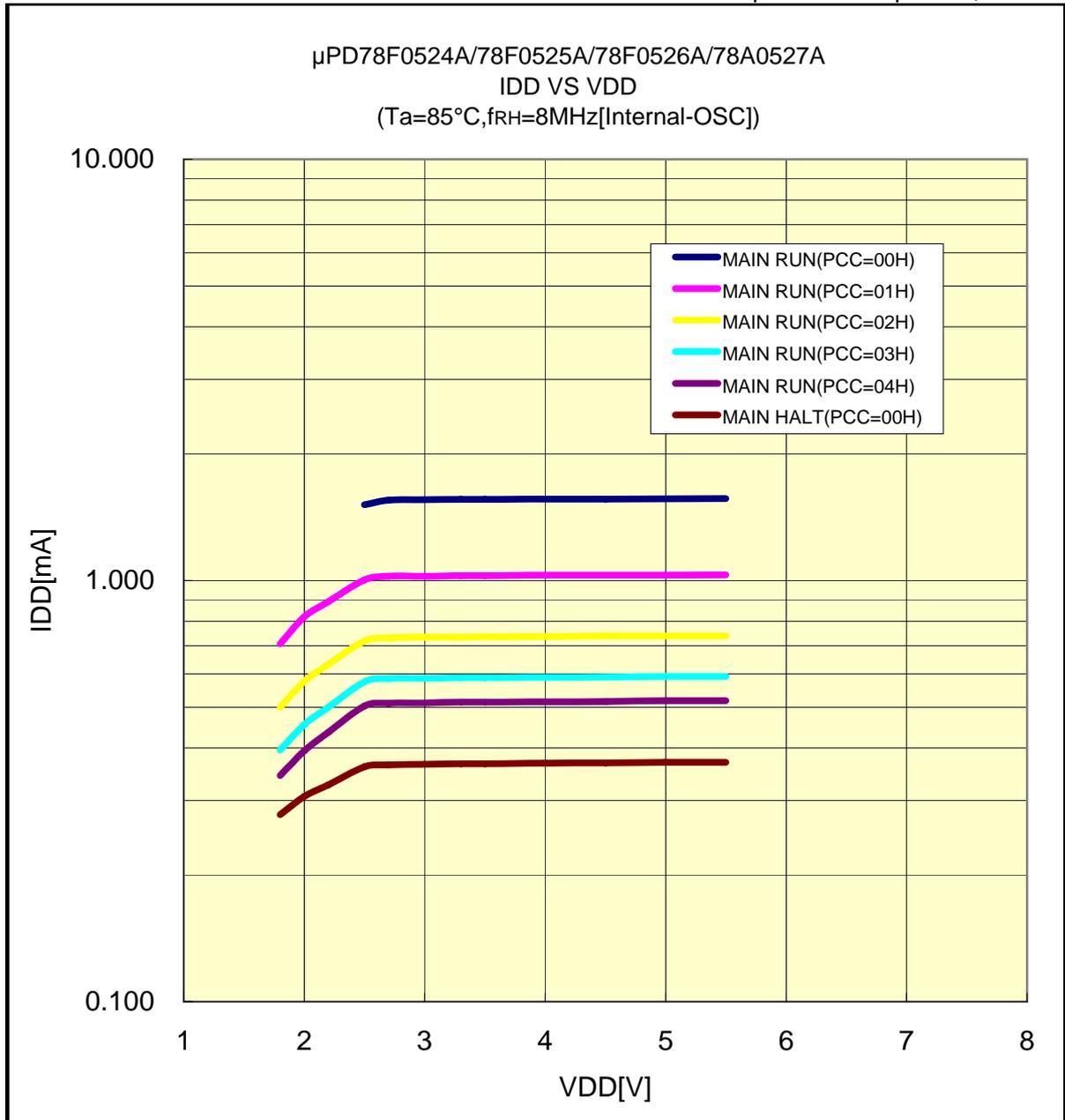fRL(240KHz)

IDD[uA]

VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/8MHz[Internal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
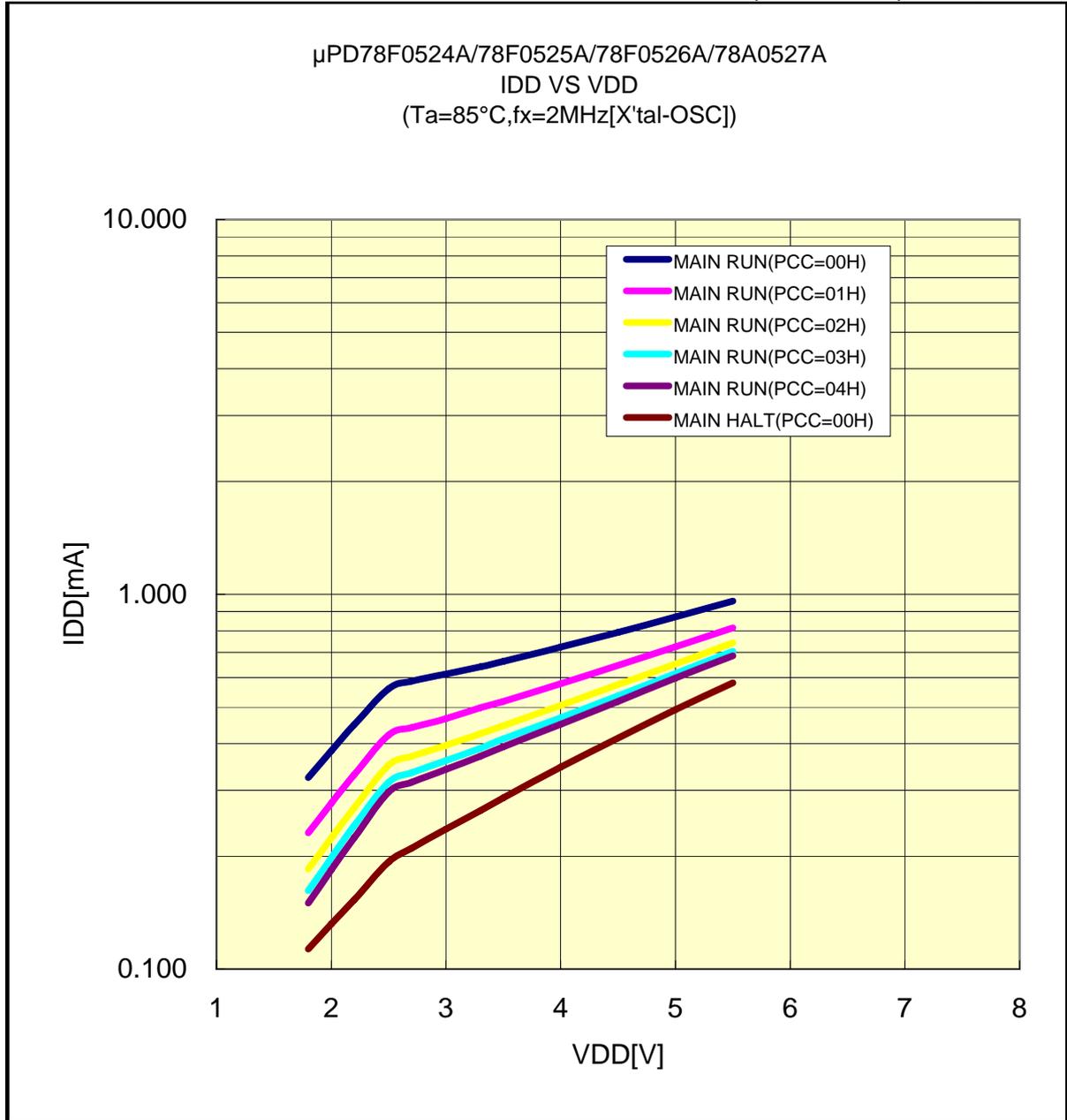IDD VS VDD
(Ta=85°C,fRH=8MHz[Internal-OSC])

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/2MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=2MHz[X'tal-OSC])

MAIN RUN(PCC=00H)
MAIN RUN(PCC=01H)
MAIN RUN(PCC=02H)
MAIN RUN(PCC=03H)
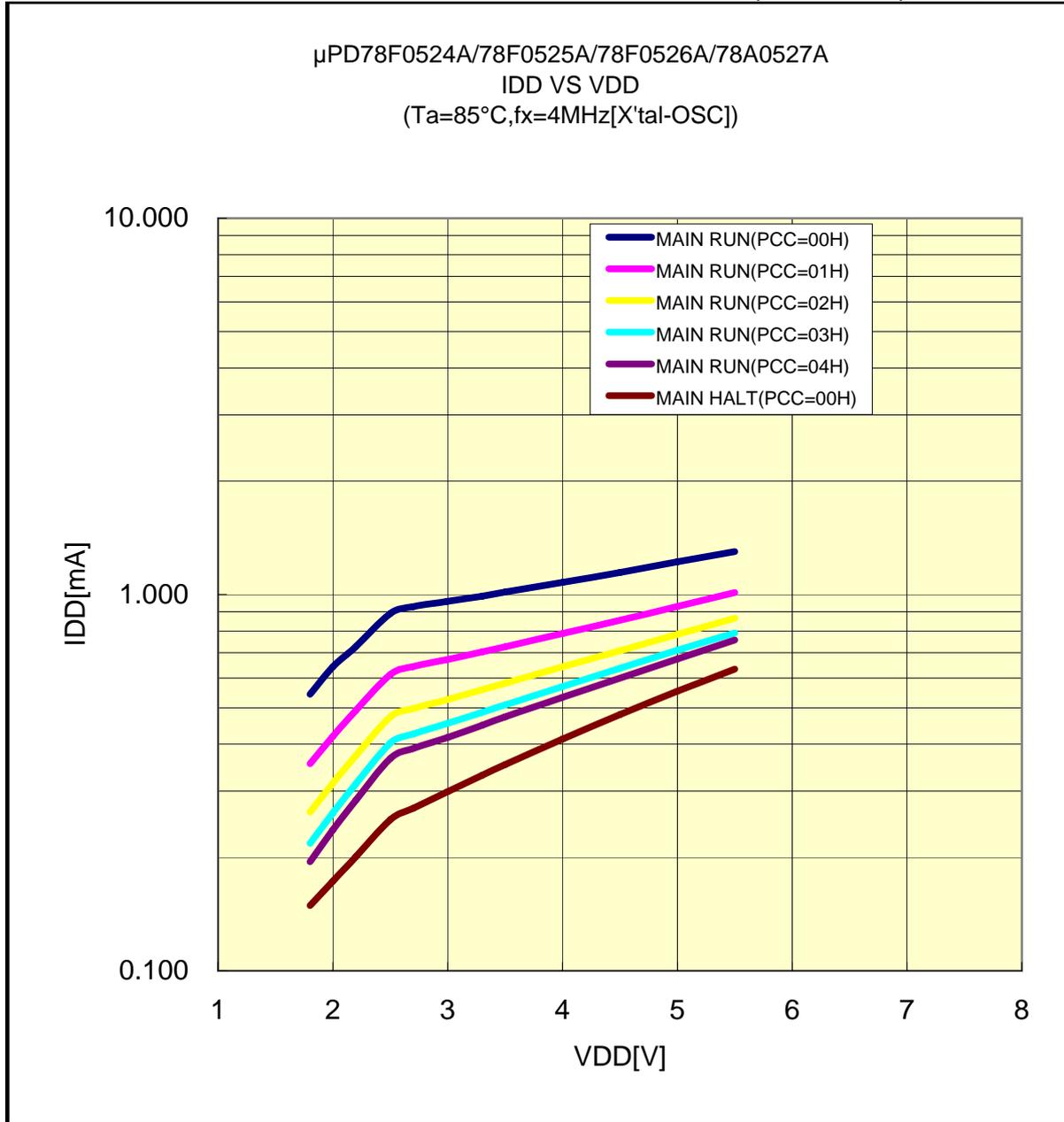MAIN RUN(PCC=04H)
MAIN HALT(PCC=00H)

IDD[mA]

VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/4MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
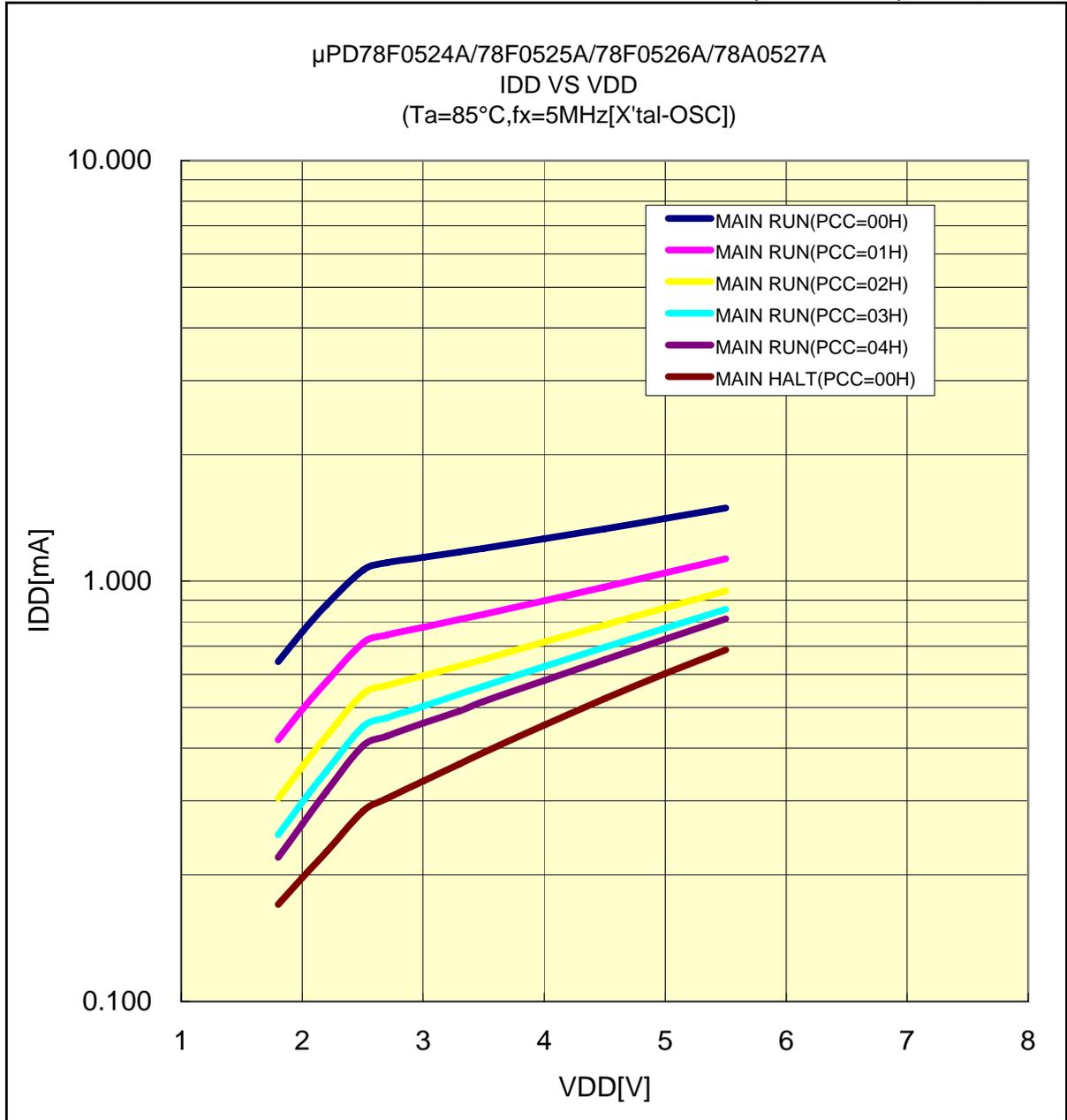IDD VS VDD
(Ta=85°C,fx=4MHz[X'tal-OSC])

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/5MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=5MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

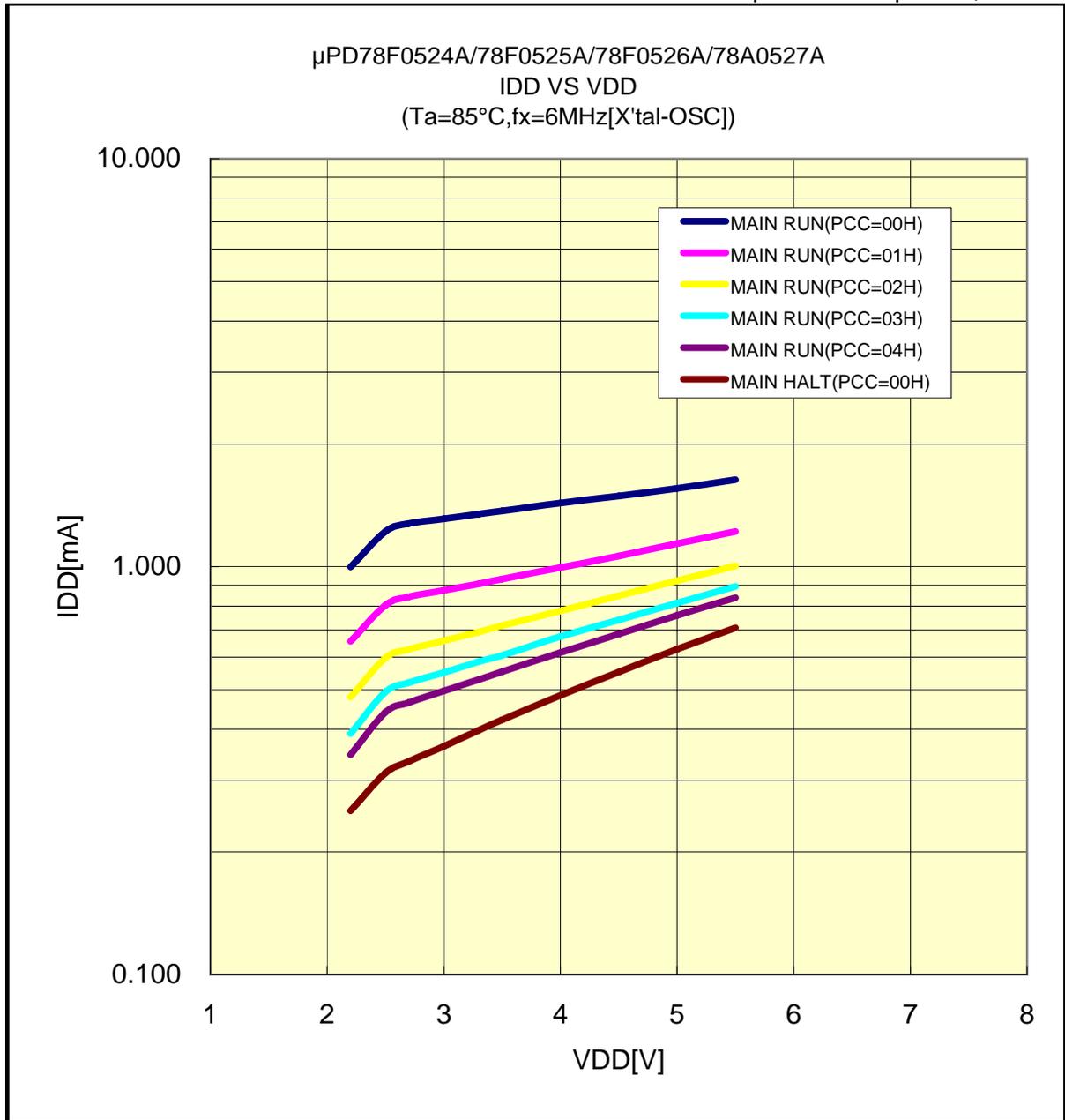Y-axis: IDD[mA]
X-axis: VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/6MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=6MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)
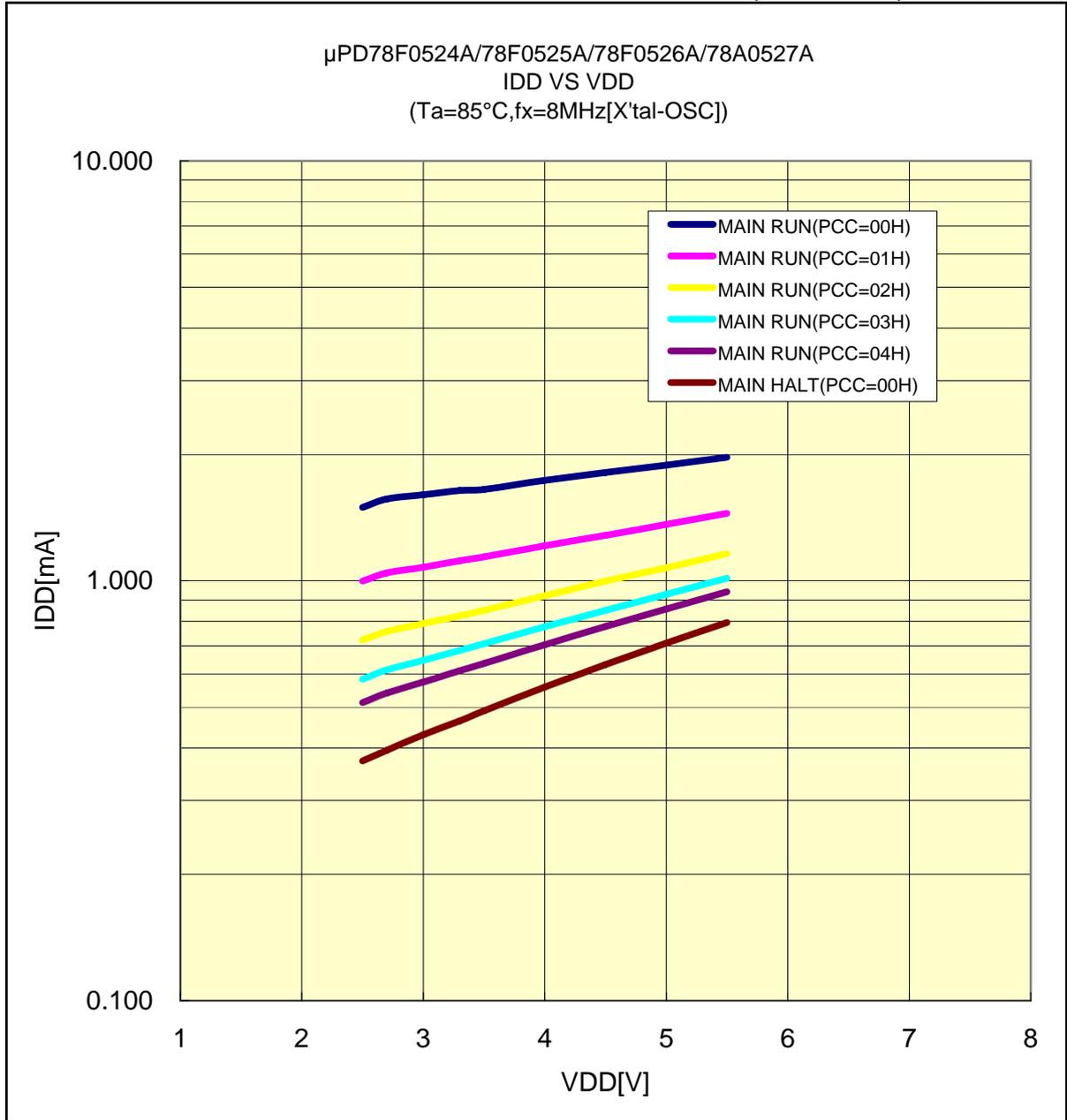
X-axis: VDD[V]
Y-axis: IDD[mA]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/8MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=8MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

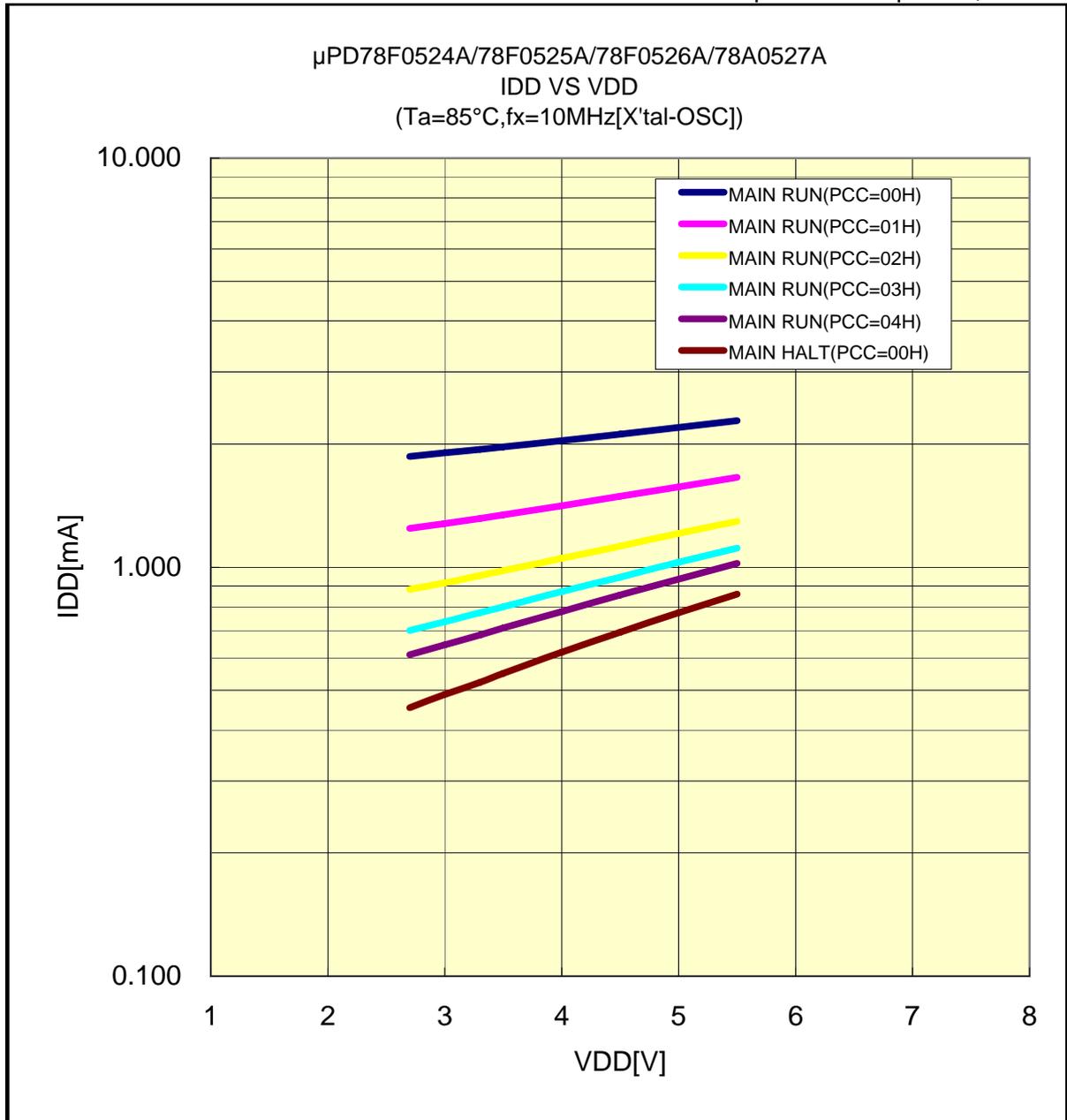Y-axis: IDD[mA]
X-axis: VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/10MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=10MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

Y-axis: IDD[mA] (0.100 to 10.000)
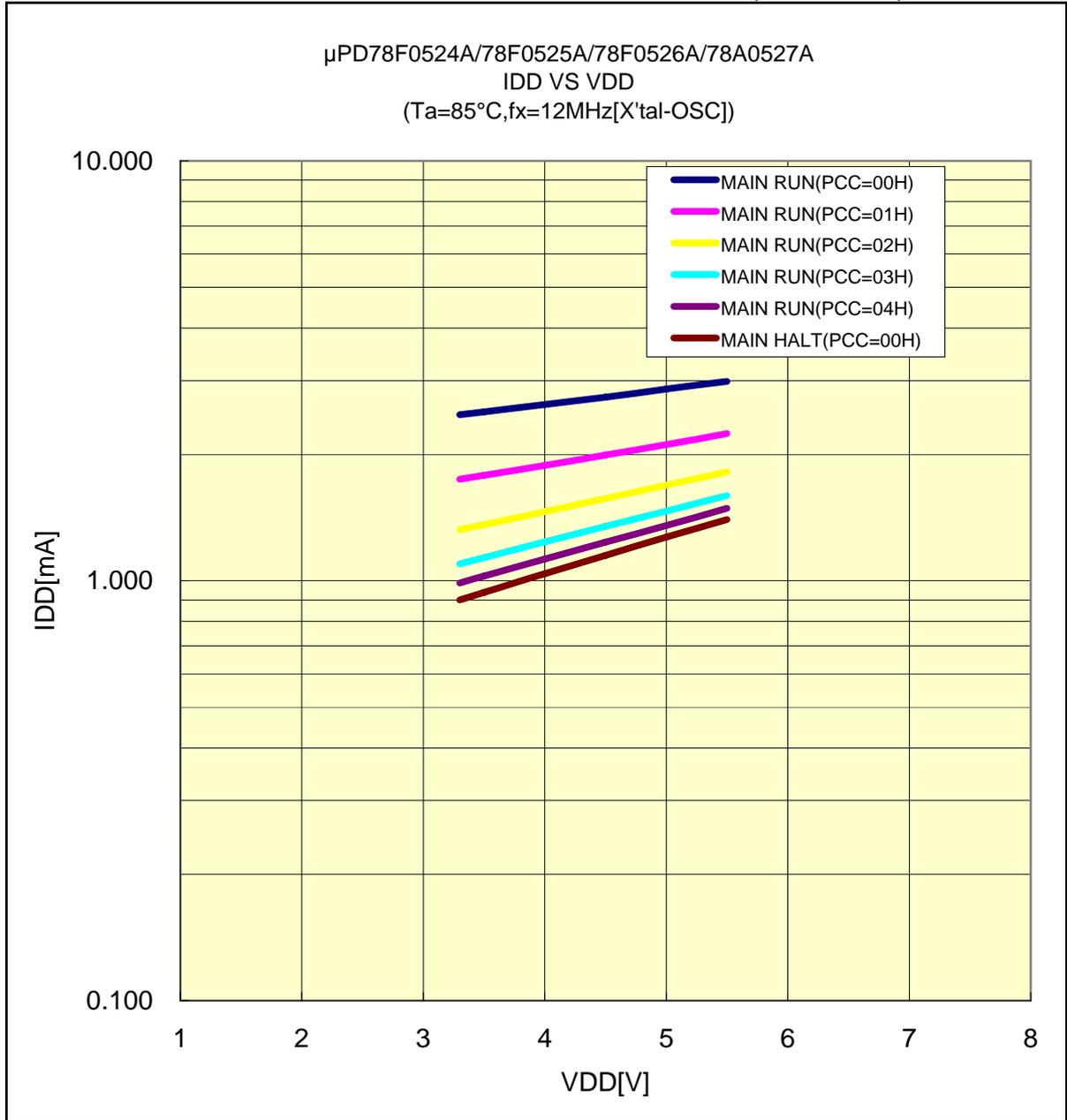X-axis: VDD[V] (1 to 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/12MHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=12MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
- MAIN HALT(PCC=00H)

Y-axis: IDD[mA] (0.100 to 10.000)
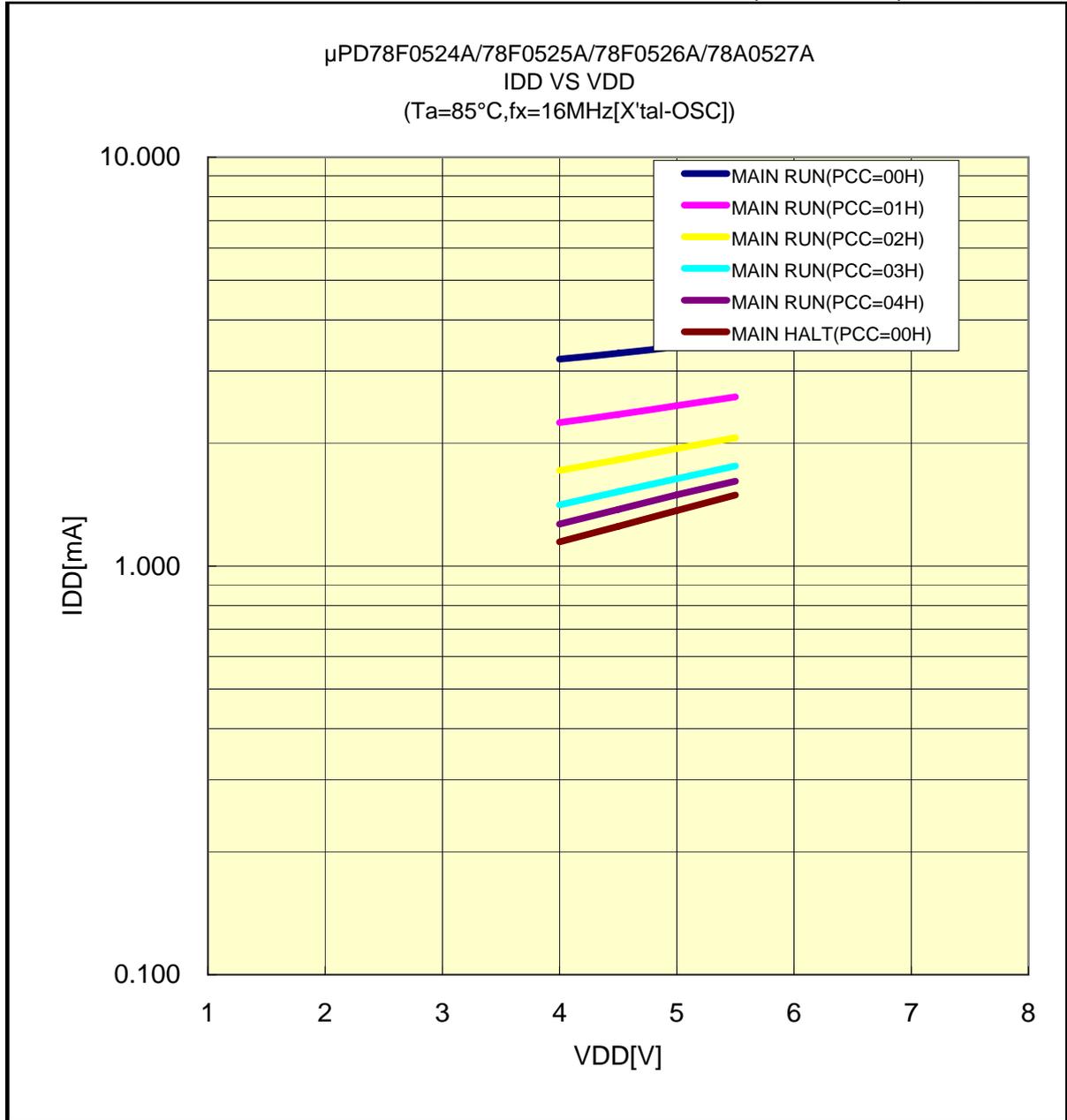X-axis: VDD[V] (1 to 8)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/16MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=16MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
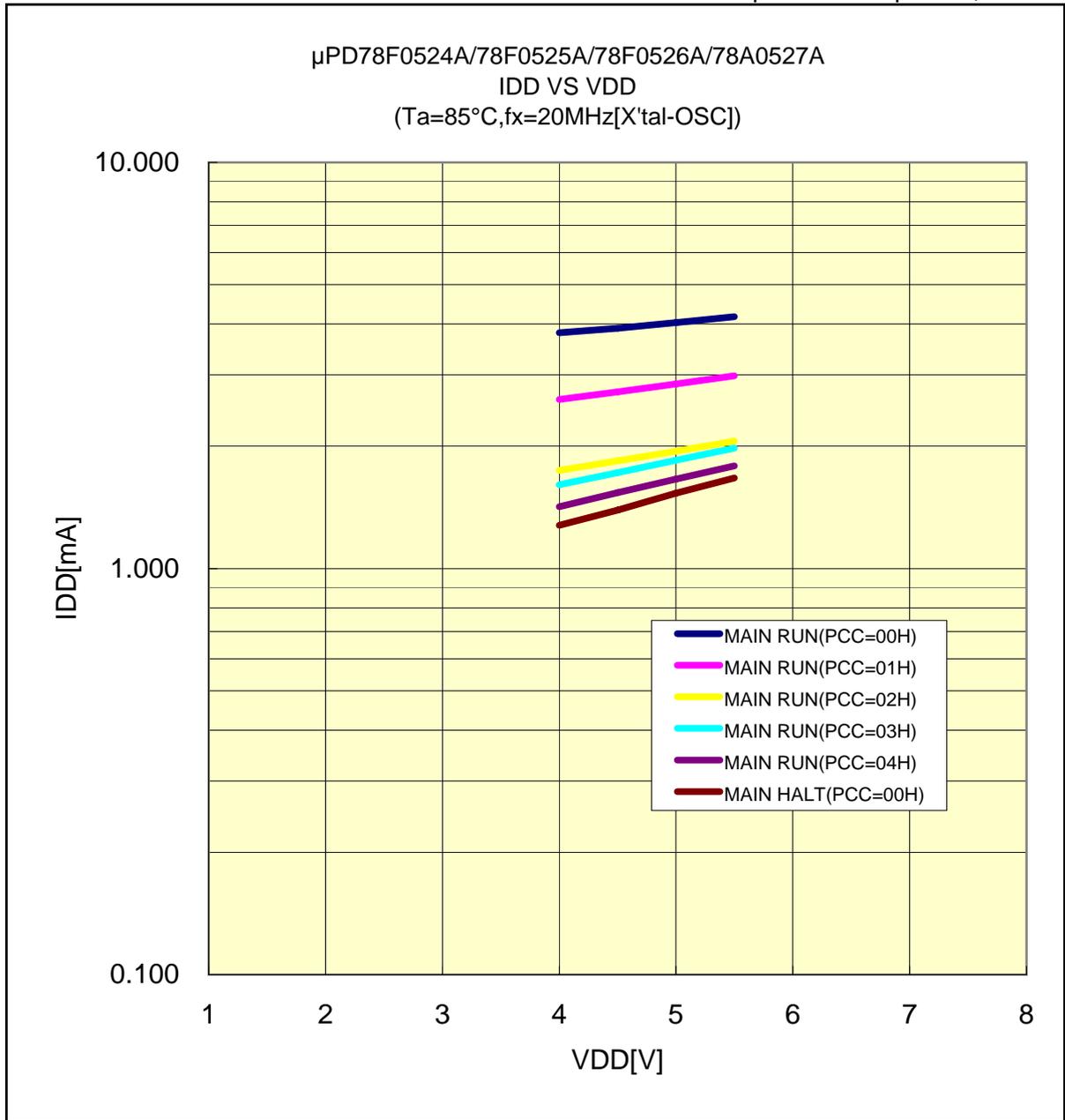- MAIN HALT(PCC=00H)

IDD[mA] vs VDD[V]

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/20MHz[X'tal-OSC])

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fx=20MHz[X'tal-OSC])

Legend:
- MAIN RUN(PCC=00H)
- MAIN RUN(PCC=01H)
- MAIN RUN(PCC=02H)
- MAIN RUN(PCC=03H)
- MAIN RUN(PCC=04H)
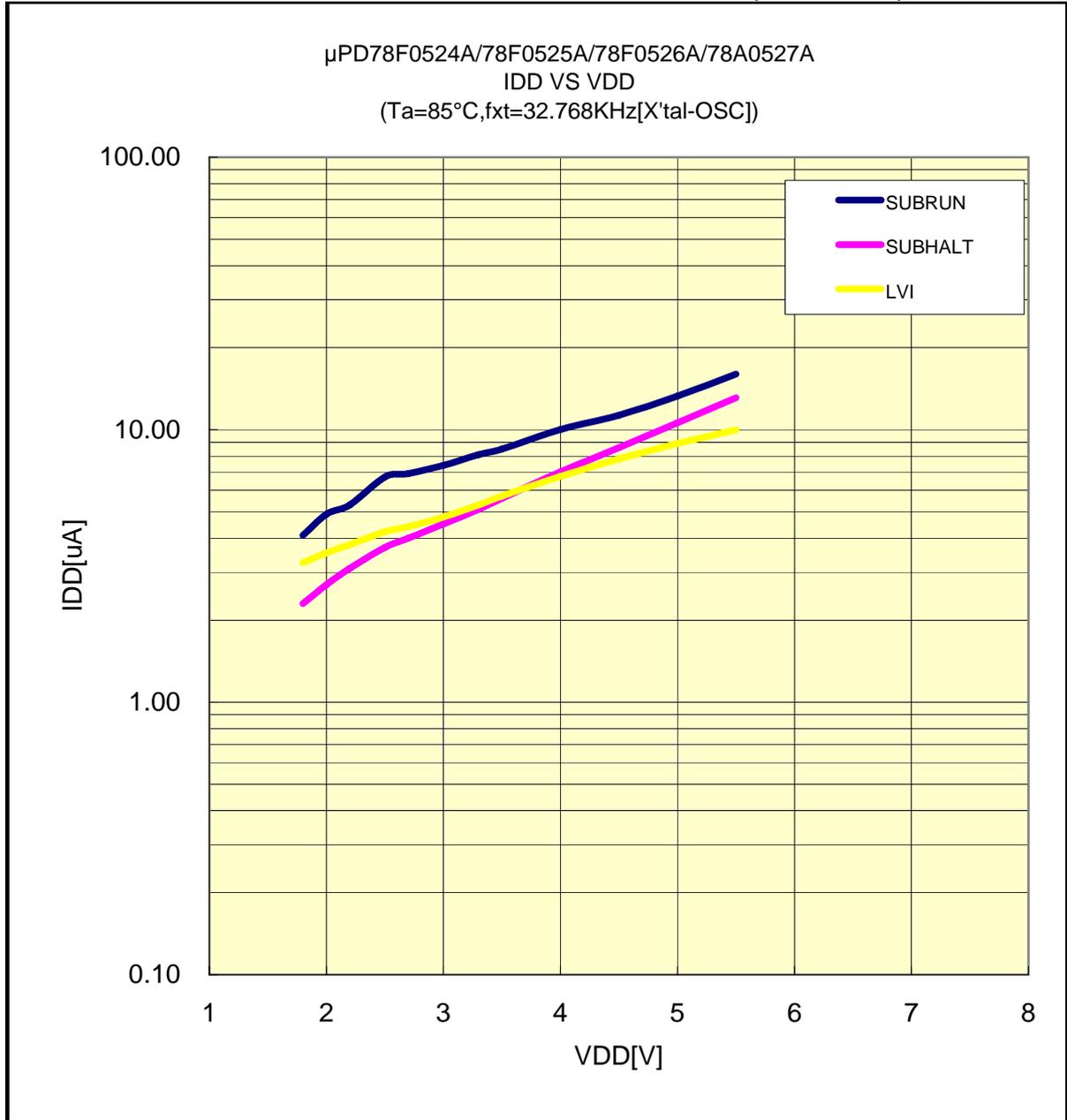- MAIN HALT(PCC=00H)

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/32.768KHz[X'tal-OSC])

Prepared on Sep. 21st, 2007

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
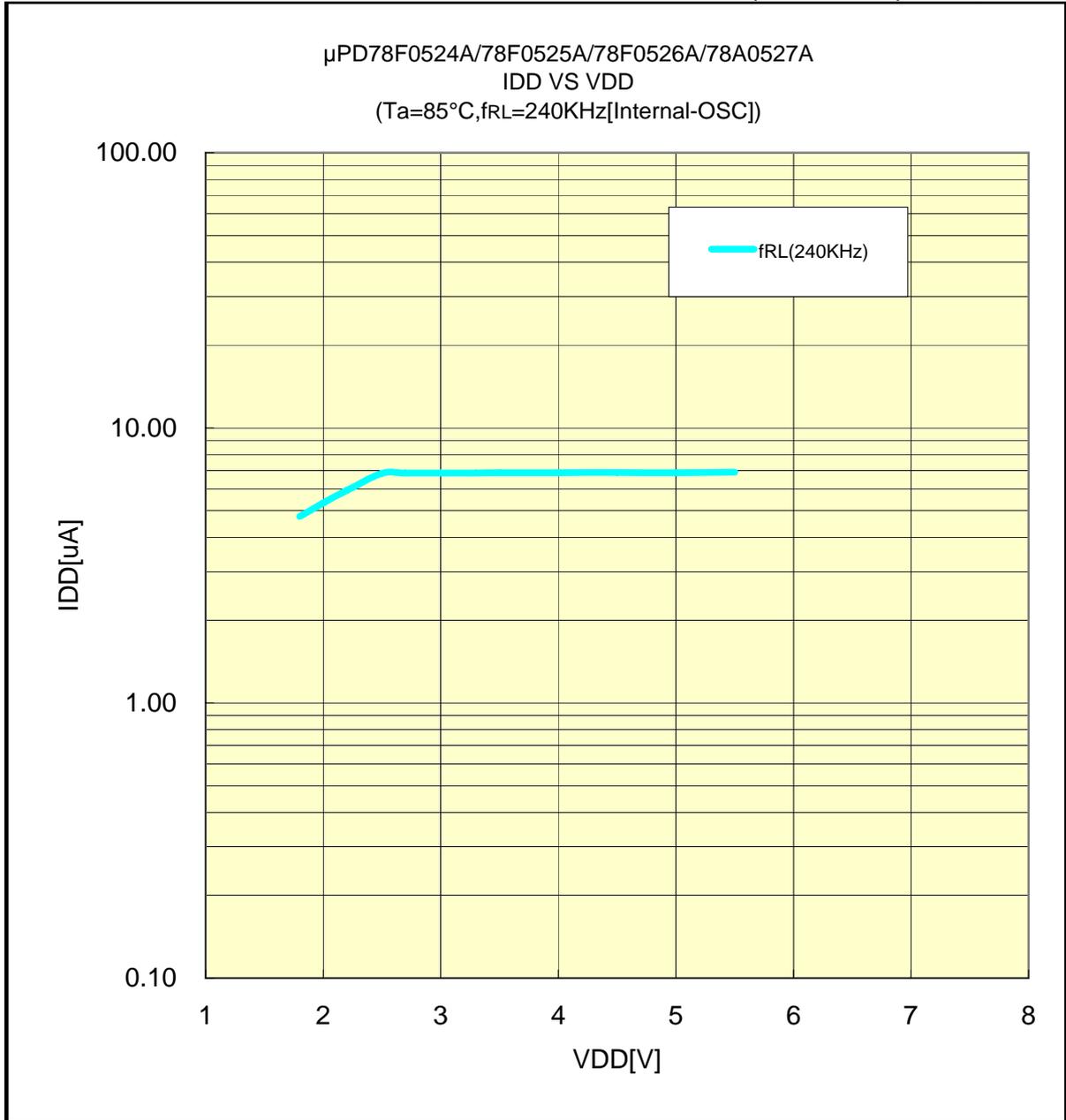(Ta=85°C,fxt=32.768KHz[X'tal-OSC])

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

µPD78F0524A/78F0525A/78F0526A/78F0527A

IDD VS VDD(85°C/240KHz[INternal-OSC])

Prepared on Sep. 21st, 2007

µPD78F0524A/78F0525A/78F0526A/78A0527A
IDD VS VDD
(Ta=85°C,fRL=240KHz[Internal-OSC])

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