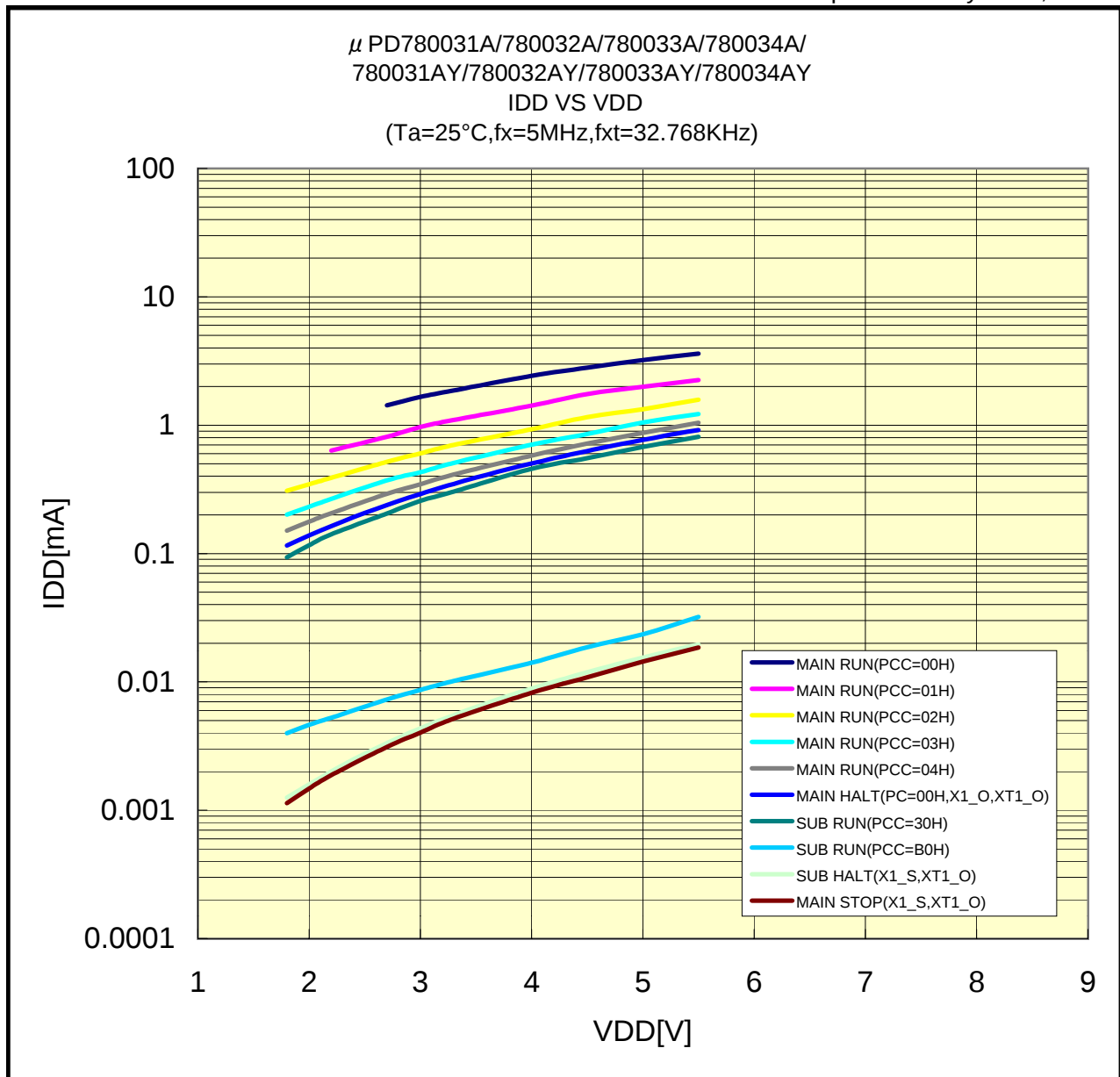


μPD780031A/780032A/780033A/780034A/
780031AY/780032AY/780033AY/780034AY

IDD VS VDD(25°C/5MHz)

Prepared on July. 30th, 2003



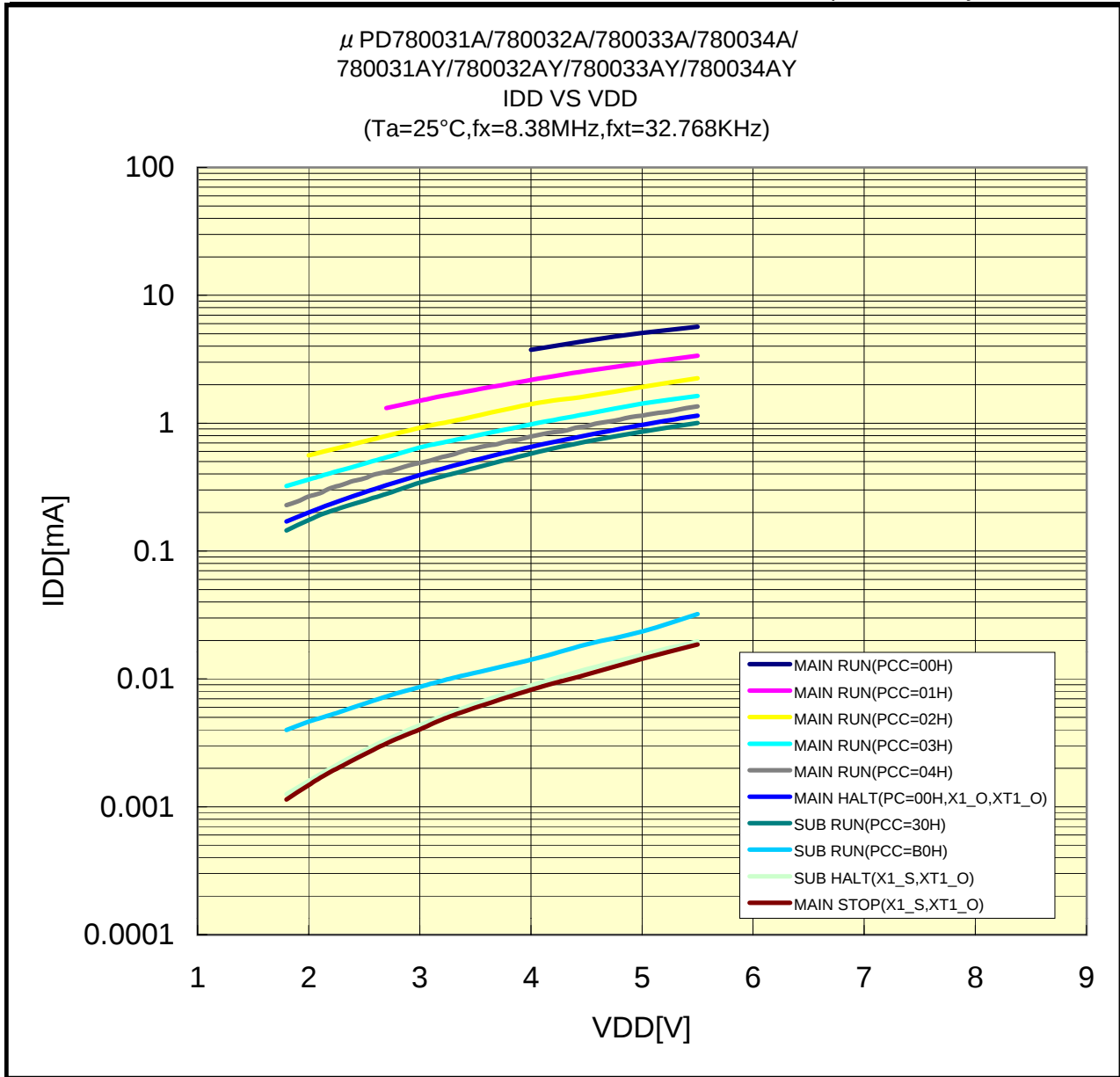
X1_O:X1 oscillation Operating
X1_S:X1 oscillation Stop
XT1_O:XT1 oscillation Operating

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

μPD780031A/780032A/780033A/780034A/
780031AY/780032AY/780033AY/780034AY

IDD VS VDD(25°C/8.38MHz)

Prepared on July. 30th, 2003



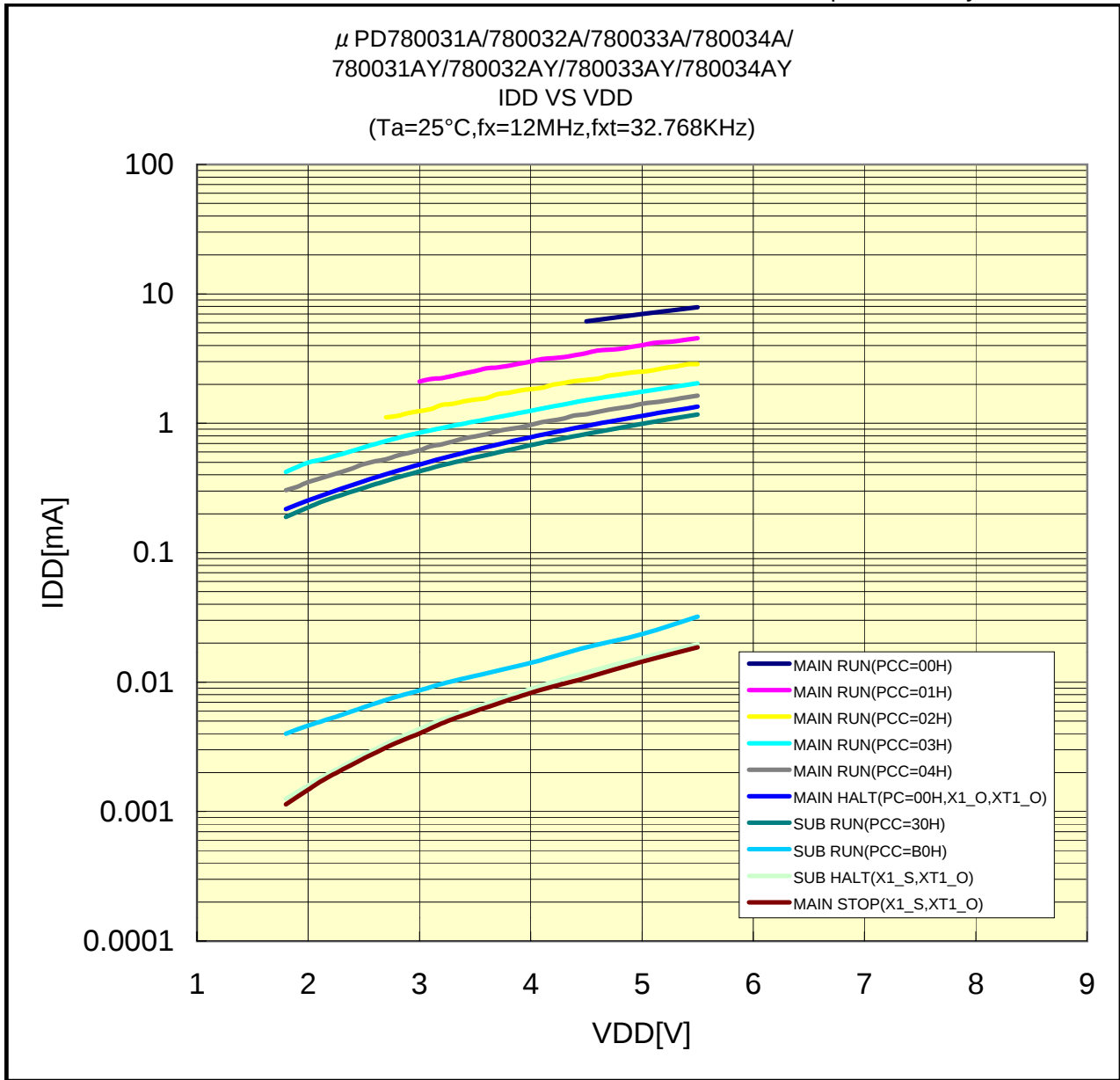
X1_O:X1 oscillation Operating
X1_S:X1 oscillation Stop

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

μPD780031A/780032A/780033A/780034A/
780031AY/780032AY/780033AY/780034AY

IDD VS VDD(25°C/12MHz)

Prepared on July. 30th, 2003



X1_O:X1 oscillation Operating
X1_S:X1 oscillation Stop
XT1_O:XT1 oscillation Operating

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