

Alcc vs AVcc

(during A/D conversion)

Prepared on Jul. 29, 2007

R8C/2A-2D Group

Topr = 25 degrees C

AVcc-Vss:0.1uF Vref-Vss:0.1uF

ANIN-Vss:0.1uF

Repeat sweep mode

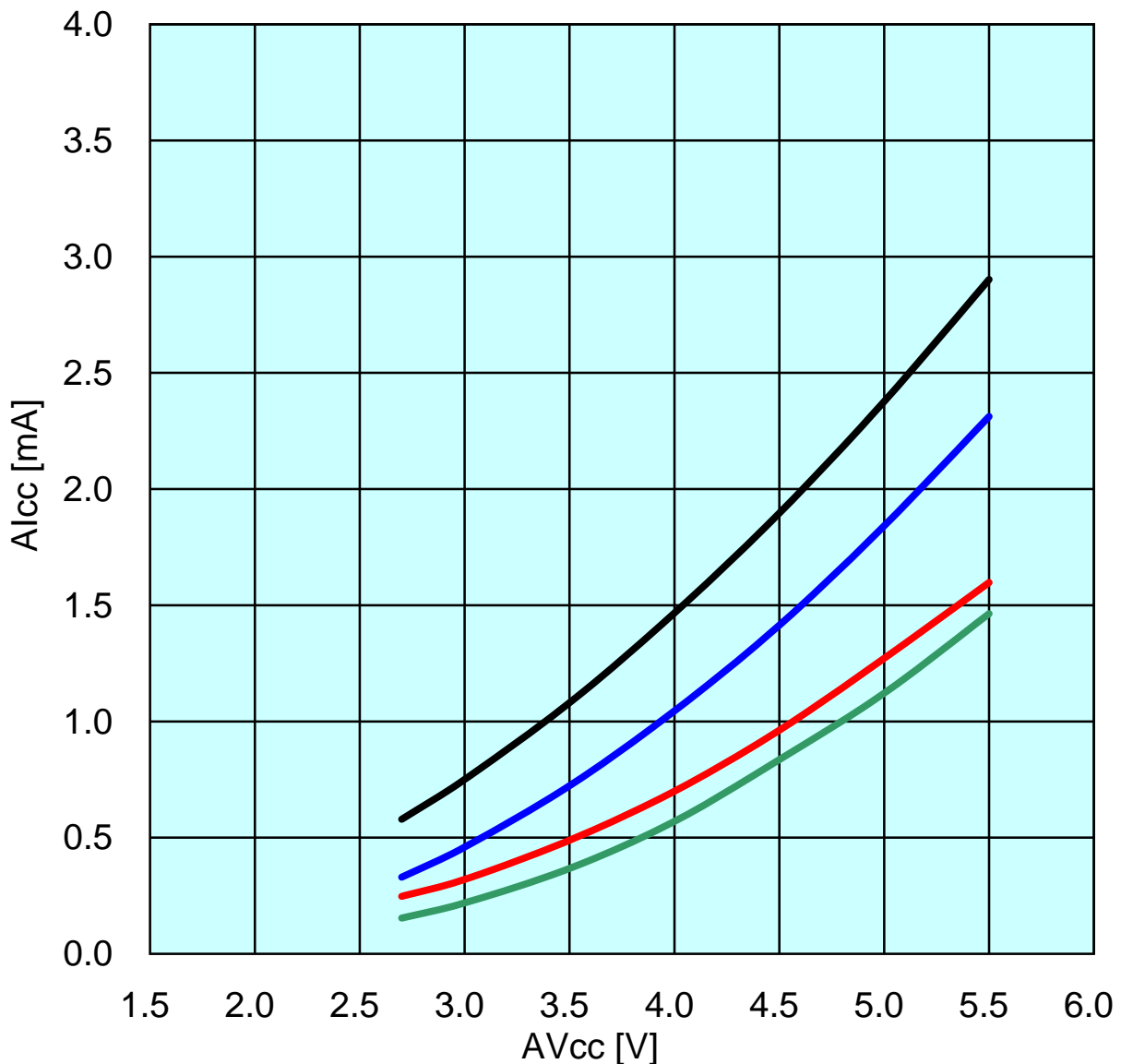
increasing amount of Icc in analog to digital

— XIN=20MHz, ϕ_{AD} =10MHz,
sample and hold = off

— XIN=20MHz, ϕ_{AD} =10MHz,
sample and hold = on

— XIN=10MHz, ϕ_{AD} =5MHz,
sample and hold = off

— XIN=10MHz, ϕ_{AD} =5MHz,
sample and hold = on



The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.