

# **Alcc vs AVcc** (during A/D conversion)

Prepared on Sep. 10, 2007

R8C/26-27 Group

Topr = 25 degrees C

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

ANIN-Vss:0.1uF

Repeat sweep mode

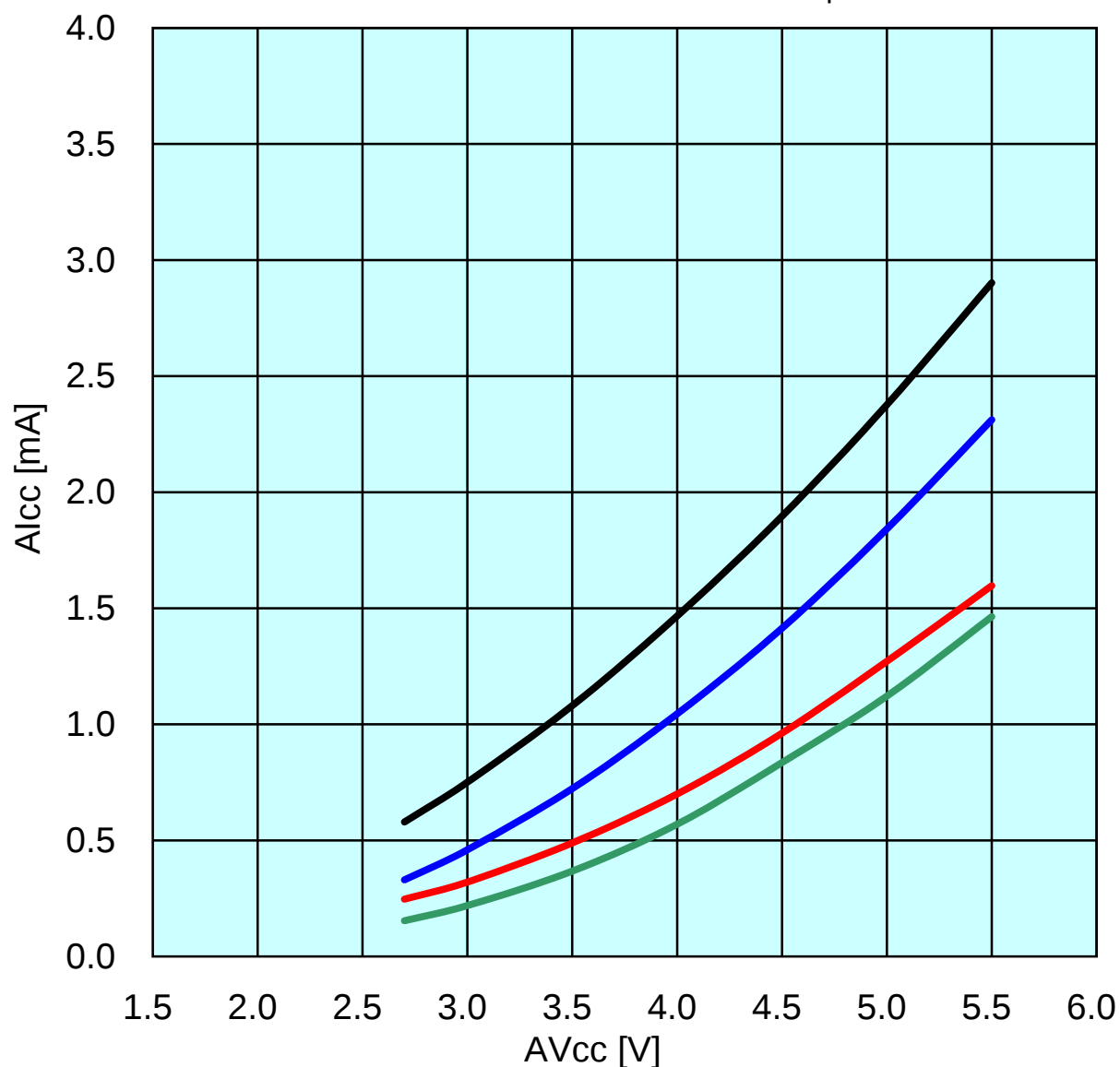
increasing amount of Icc in analog to digital

— XIN=20MHz,  $\phi_{AD}$ =10MHz,  
sample and hold = off

— XIN=20MHz,  $\phi_{AD}$ =10MHz,  
sample and hold = on

— XIN=10MHz,  $\phi_{AD}$ =5MHz,  
sample and hold = off

— XIN=10MHz,  $\phi_{AD}$ =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.