

Alcc vs AVcc (during A/D conversion)

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R8C/28-29 Group

Topr = 25 degrees C

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

ANIN-Vss:0.1uF

Repeat sweep mode

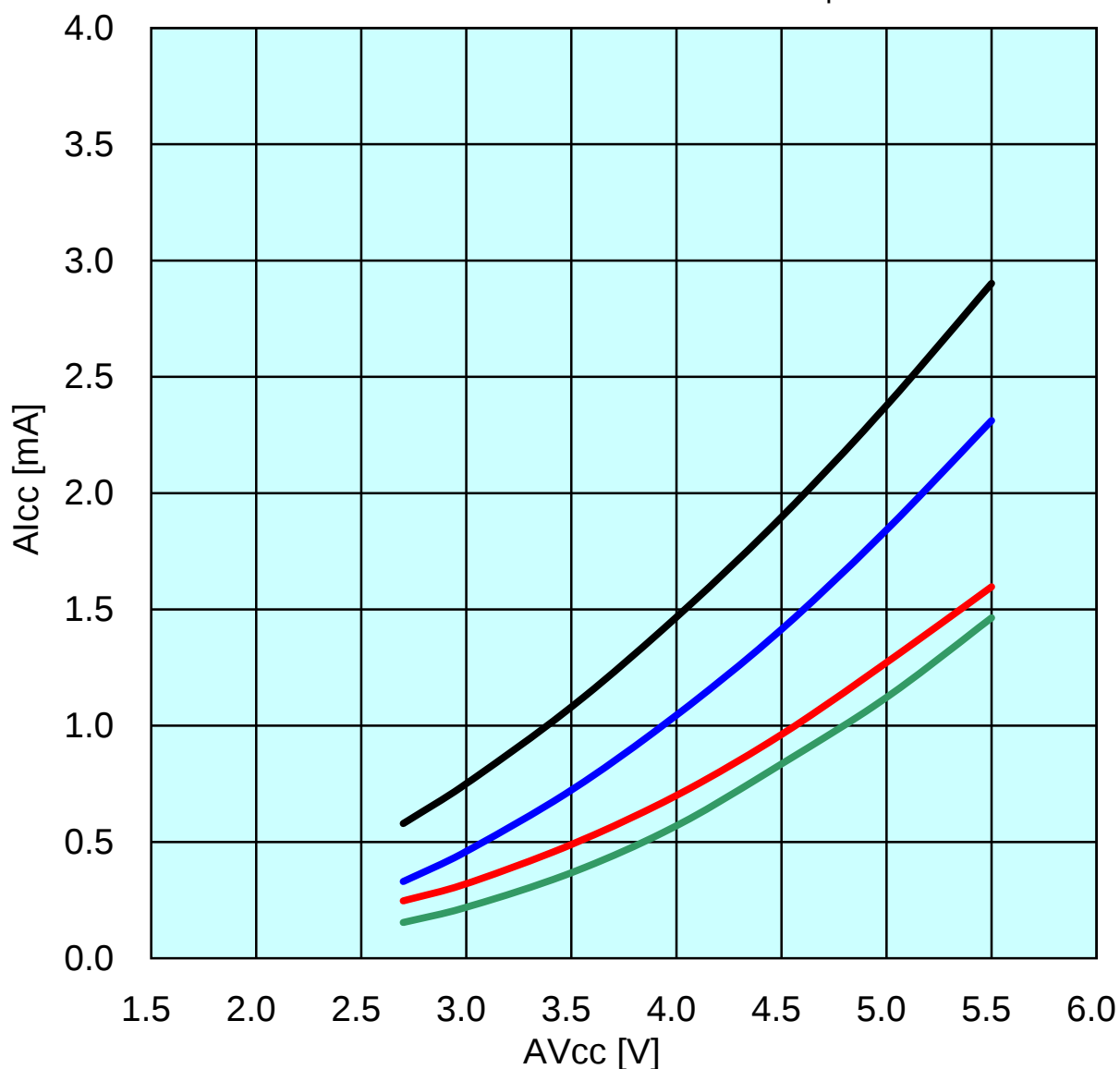
increasing amount of Icc in analog to digital

— 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.