The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
Icc VS f(XIN)
(High-speed clock mode)

R8C/32M, 33M, 34M, 35M, 3GM, 3JM Group
Vcc=1.8V
Topr=25degrees C
High-speed on-chip oscillator off
Low-speed on-chip oscillator on = 125 kHz

The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product’s characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
**Icc VS Topr**
*(Low-Speed clock mode)*

The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
Icc vs Topr
(Low-Speed clock mode)

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

R8C/32M, 33M, 34M, 35M, 3GM, 3JM Group
XIN clock off
High-speed on-chip oscillator off
Low-speed on-chip oscillator off
XCIN clock oscillator on = 32 kHz
Program operation on RAM
Flash memory off, FMSTP = 1, VCA20 = 0

The graph shows the relationship between Icc (in µA) and Topr (in degrees C) for different Vcc values: 5V, 3V, 2.2V, and 1.8V. The values are provided for reference and do not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
Icc VS Topr
(High-speed clock mode)

R8C/32M, 33M, 34M, 35M, 3GM, 3JM Group
Vcc=1.8V
XIN (square wave)
High-speed on-chip oscillator off
Low-speed on-chip oscillator on = 125 kHz

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

(Low-Speed On-Chip Oscillator mode)

The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
Icc VS Vcc
(Wait mode)

R8C/32M, 33M, 34M, 35M, 3GM, 3JM Group
XIN clock off
High-speed on-chip oscillator off
Low-speed on-chip oscillator off
XCIN clock oscillator on = 32 kHz (peripheral clock off)
While a WAIT instruction is executed
VCA27 = VCA26 = VCA25 = 0
VCA20 = 1

The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.
Alcc vs AVcc (during A/D conversion)

R8C/32M, 33M, 34M, 35M, 3GM, 3JM Group
Topr = 25 degrees C
AVcc-Vss: 0.1uF  Vref-Vss: 0.1uF
ANIN-Vss: 0.1uF
10-bit mode
Repeat mode 0

The ICC amount of increase when analog to digital conversion operates

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