R8C/3JT Group
OCVREF characteristics

Page Prepared on Jun. 30, 2010

1 VOH VS Vcc (Port Drive Capacity=High)
2 VOH VS Vcc (Port Drive Capacity=Low)
3 VOL VS Vcc (Port Drive Capacity=High)
4 VOL VS Vcc (Port Drive Capacity=Low)
5 IOH VS VOH (Port Drive Capacity=High)
6 IOH VS VOH (Port Drive Capacity=High) at Vcc=5.0V
7 IOH VS VOH (Port Drive Capacity=High) at Vcc=3.0V
8 IOH VS VOH (Port Drive Capacity=High) at Vcc=1.8V
9 IOH VS VOH (Port Drive Capacity=Low)
10 IOH VS VOH (Port Drive Capacity=Low) at Vcc=5.0V
11 IOH VS VOH (Port Drive Capacity=Low) at Vcc=3.0V
12 IOH VS VOH (Port Drive Capacity=Low) at Vcc=1.8V
13 IOH VS VOL (Port Drive Capacity=High)
14 IOH VS VOL (Port Drive Capacity=High) at Vcc=5.0V
15 IOH VS VOL (Port Drive Capacity=High) at Vcc=3.0V
16 IOH VS VOL (Port Drive Capacity=High) at Vcc=1.8V
17 IOH VS VOL (Port Drive Capacity=Low)
18 IOH VS VOL (Port Drive Capacity=Low) at Vcc=5.0V
19 IOH VS VOL (Port Drive Capacity=Low) at Vcc=3.0V
20 IOH VS VOL (Port Drive Capacity=Low) at Vcc=1.8V

VOH vs Vcc

(Port Drive Capacity=High)

Prepared on Jun. 30, 2010

R8C/3JT Group
Topr=25degrees C
IOH=-20mA, -5mA, -2mA

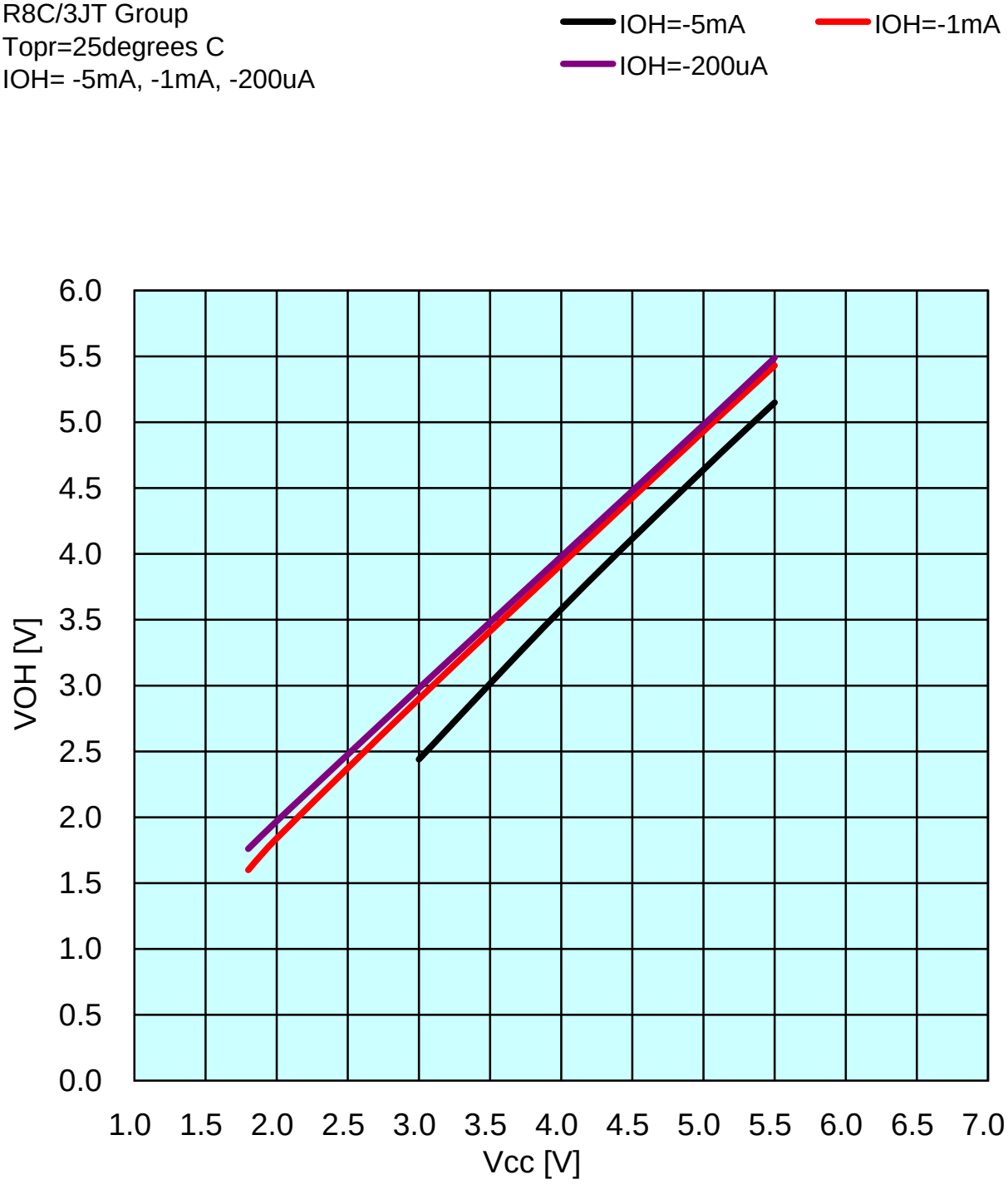
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

VOH vs Vcc

(Port Drive Capacity=Low)

Prepared on Jun. 30, 2010

R8C/3JT Group
Topr=25degrees C
IOH= -5mA, -1mA, -200uA

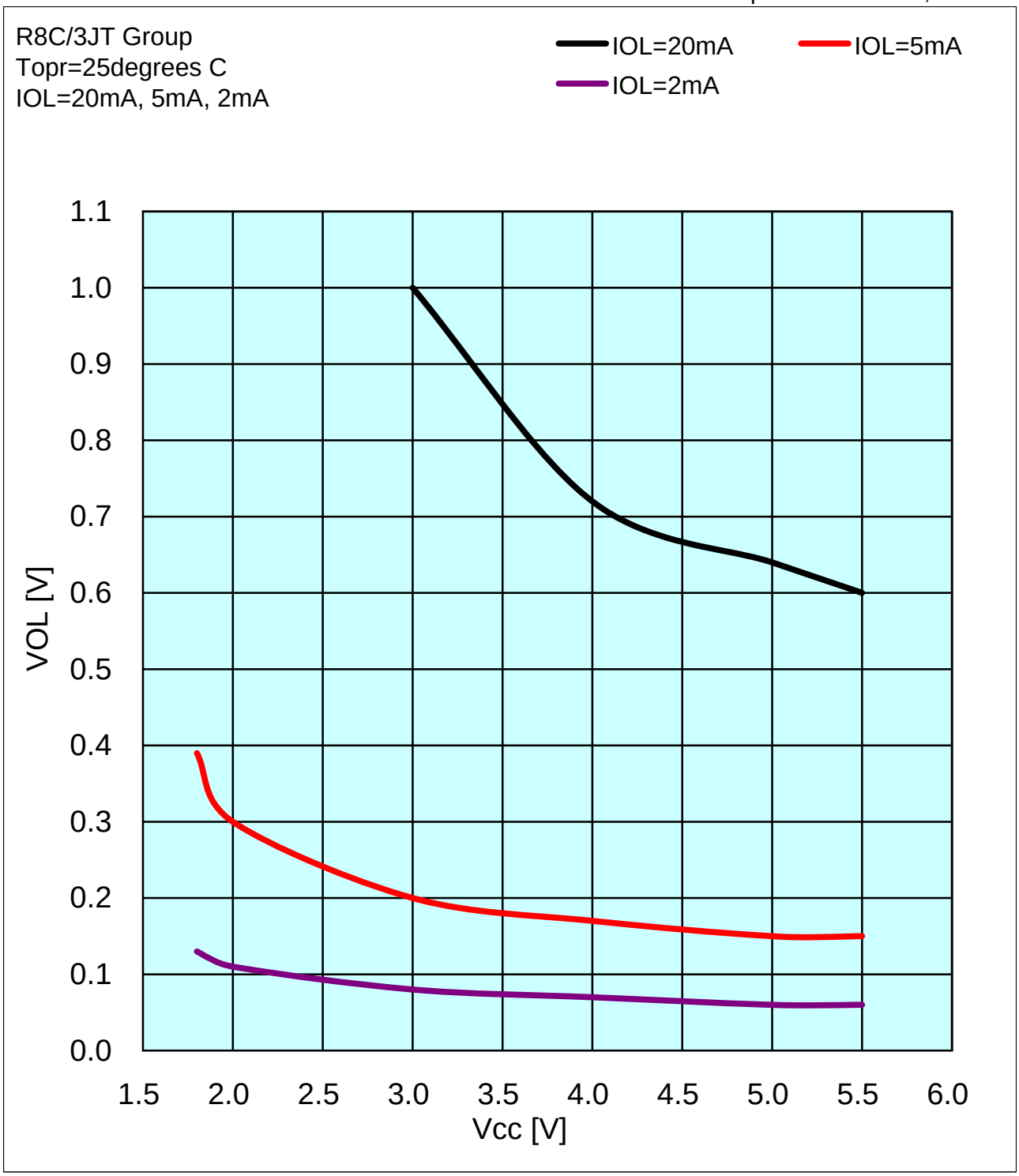


The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

VOL vs Vcc

(Port Drive Capacity=High)

Prepared on Jun. 30, 2010

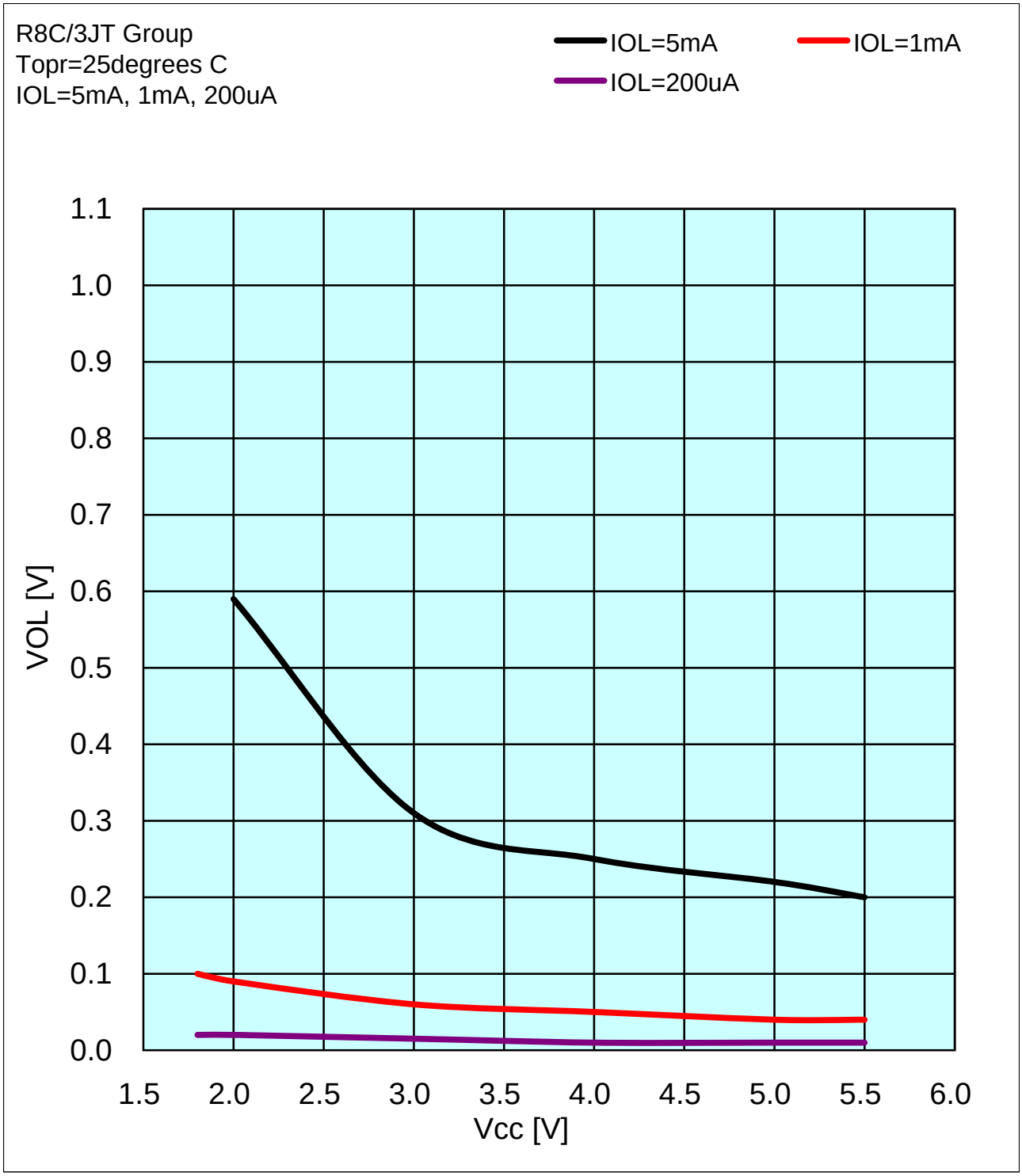


The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

VOL vs Vcc

(Port Drive Capacity=Low)

Prepared on Jun. 30, 2010

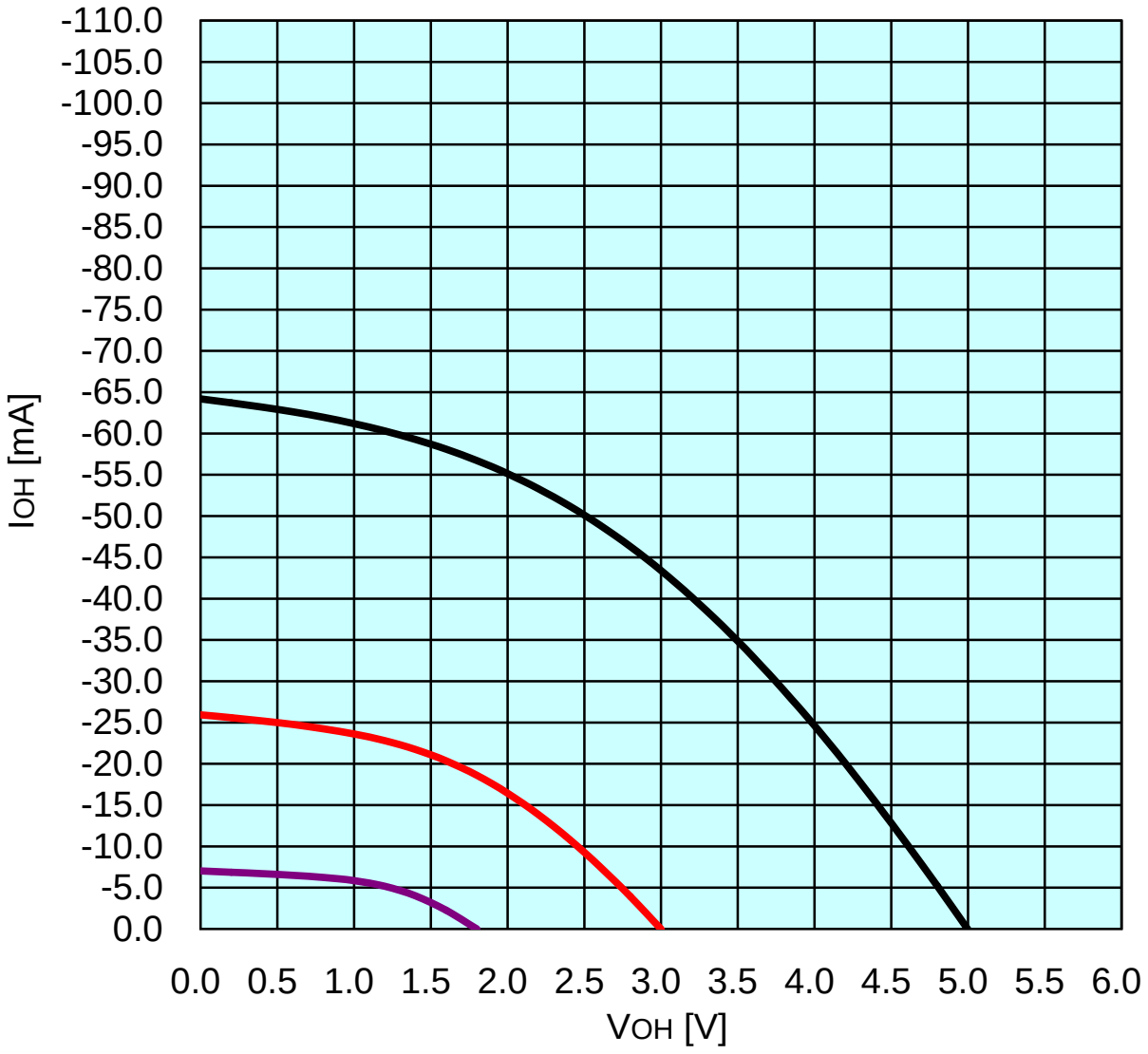


The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

I_{OH} vs V_{OH}
(Port Drive Capacity=High)

Prepared on Jun. 30, 2010

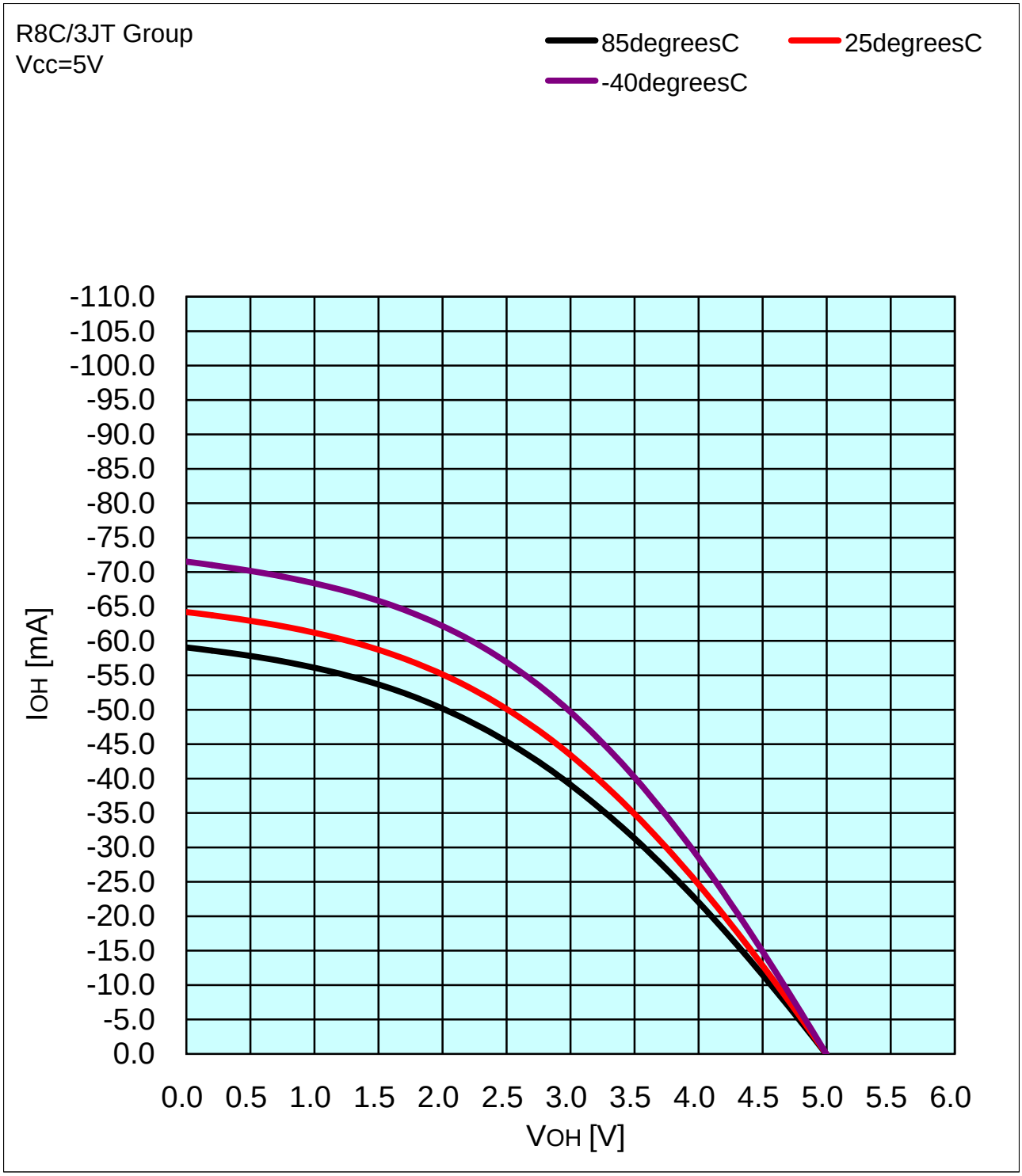
R8C/3JT Group
Topr=25degrees Celsius
Vcc=5V, 3V, 1.8V



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

I_{OH} vs V_{OH}
(Port Drive Capacity=High)

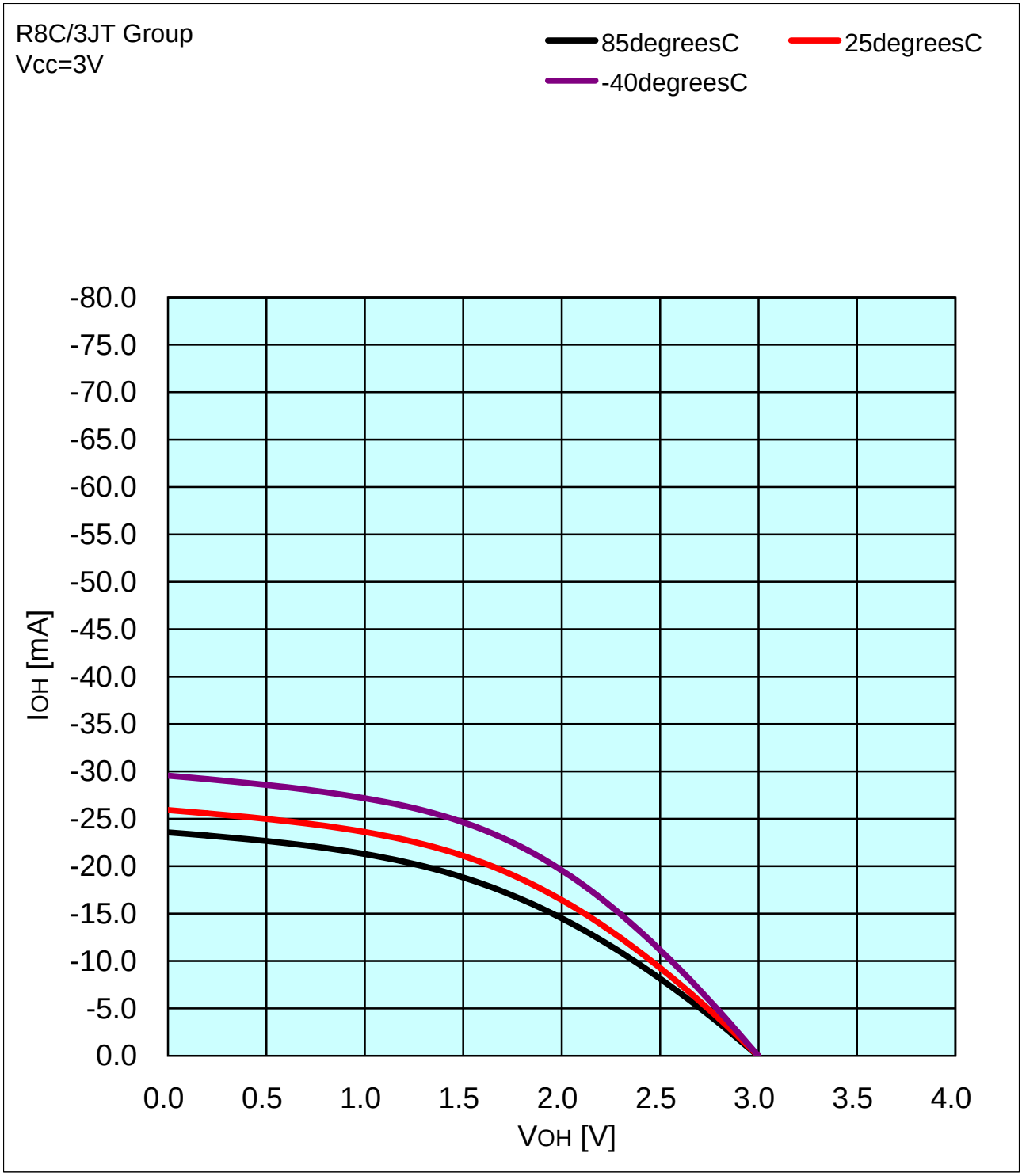
Prepared on Jun. 30, 2010



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

I_{OH} vs V_{OH}
(Port Drive Capacity=High)

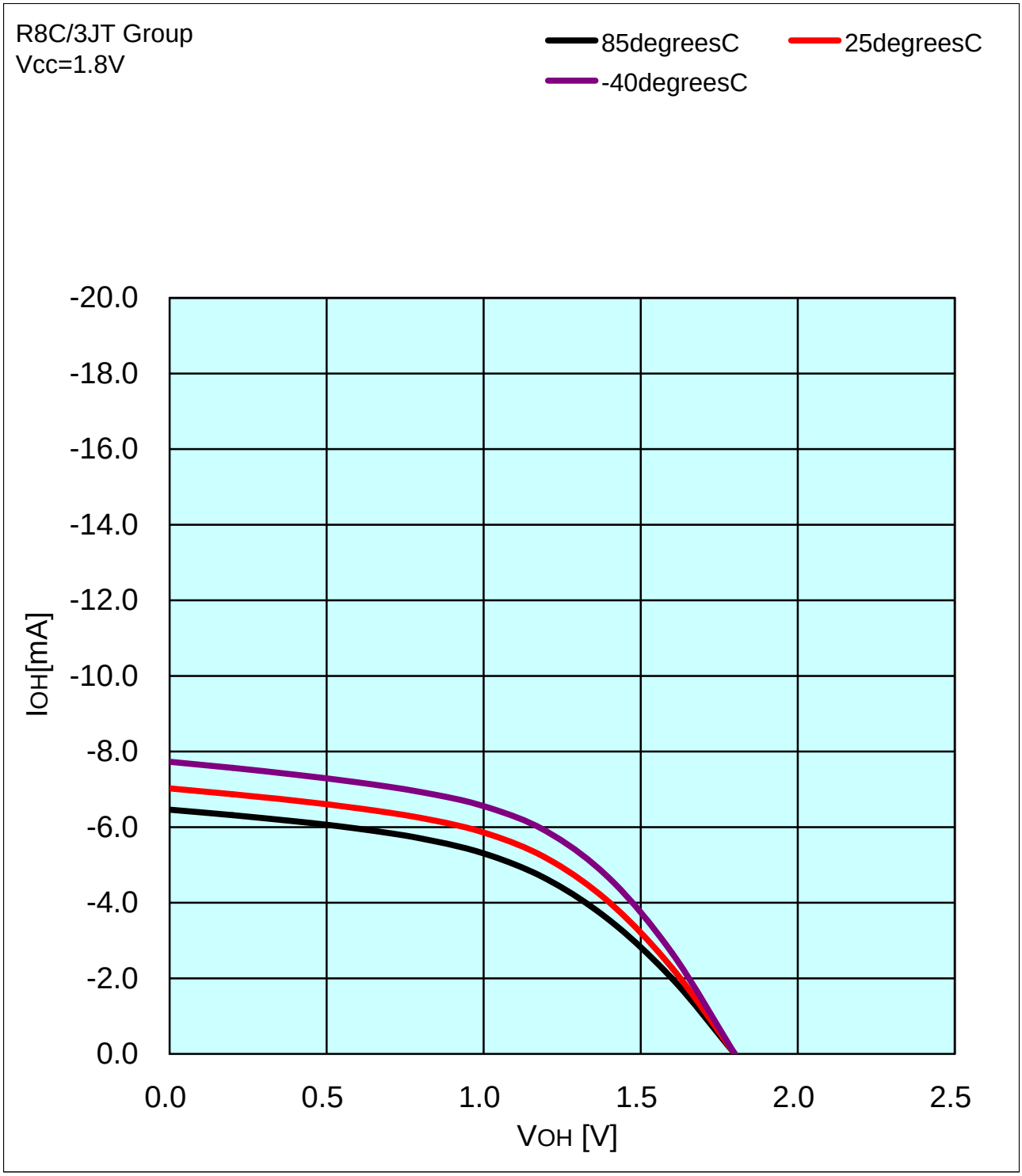
Prepared on Jun. 30, 2010



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

I_{OH} vs V_{OH}
(Port Drive Capacity=High)

Prepared on Jun. 20, 2010

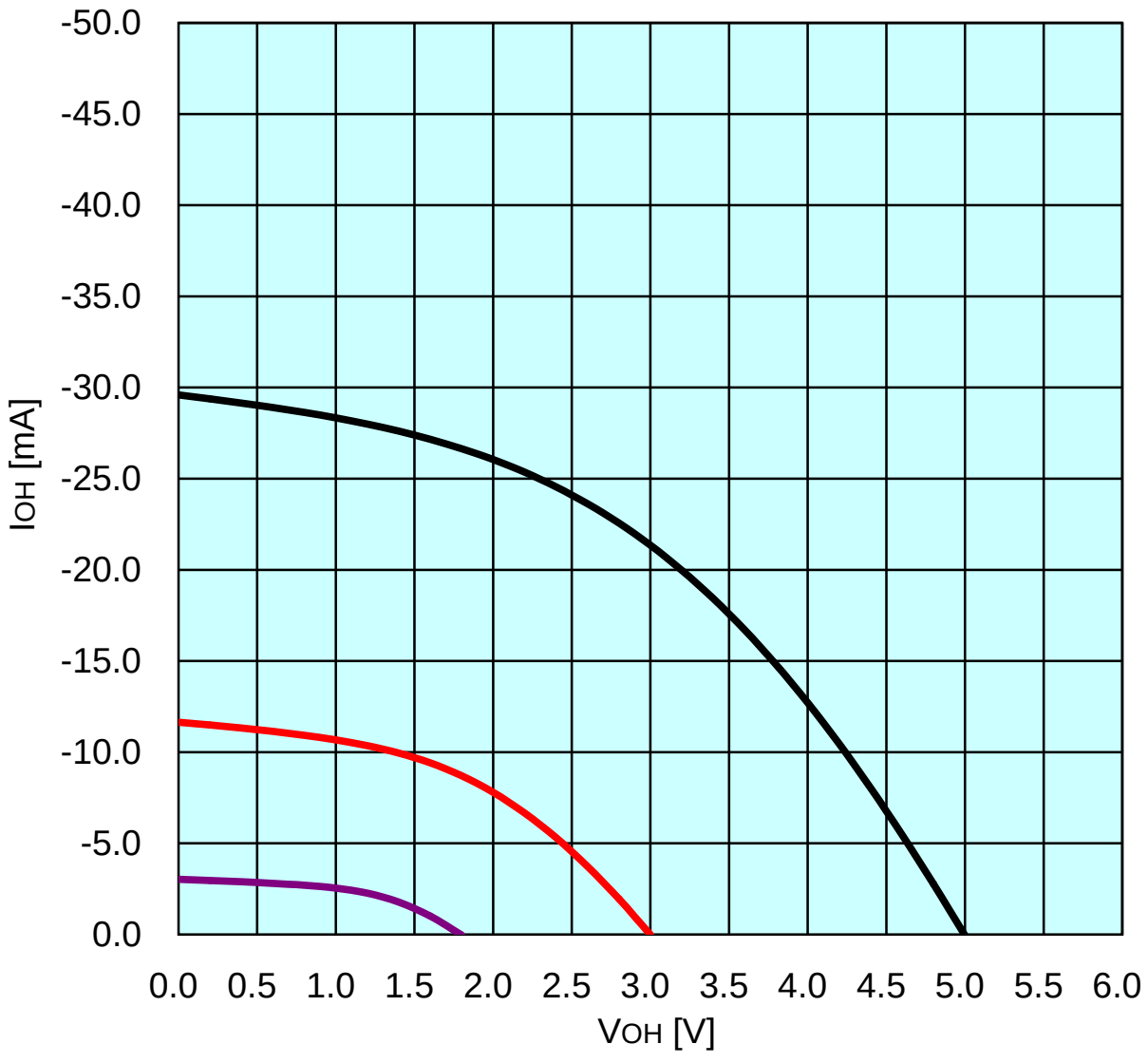


The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

I_{OH} vs V_{OH}
(Port Drive Capacity=Low)

Prepared on Jun. 30, 2010

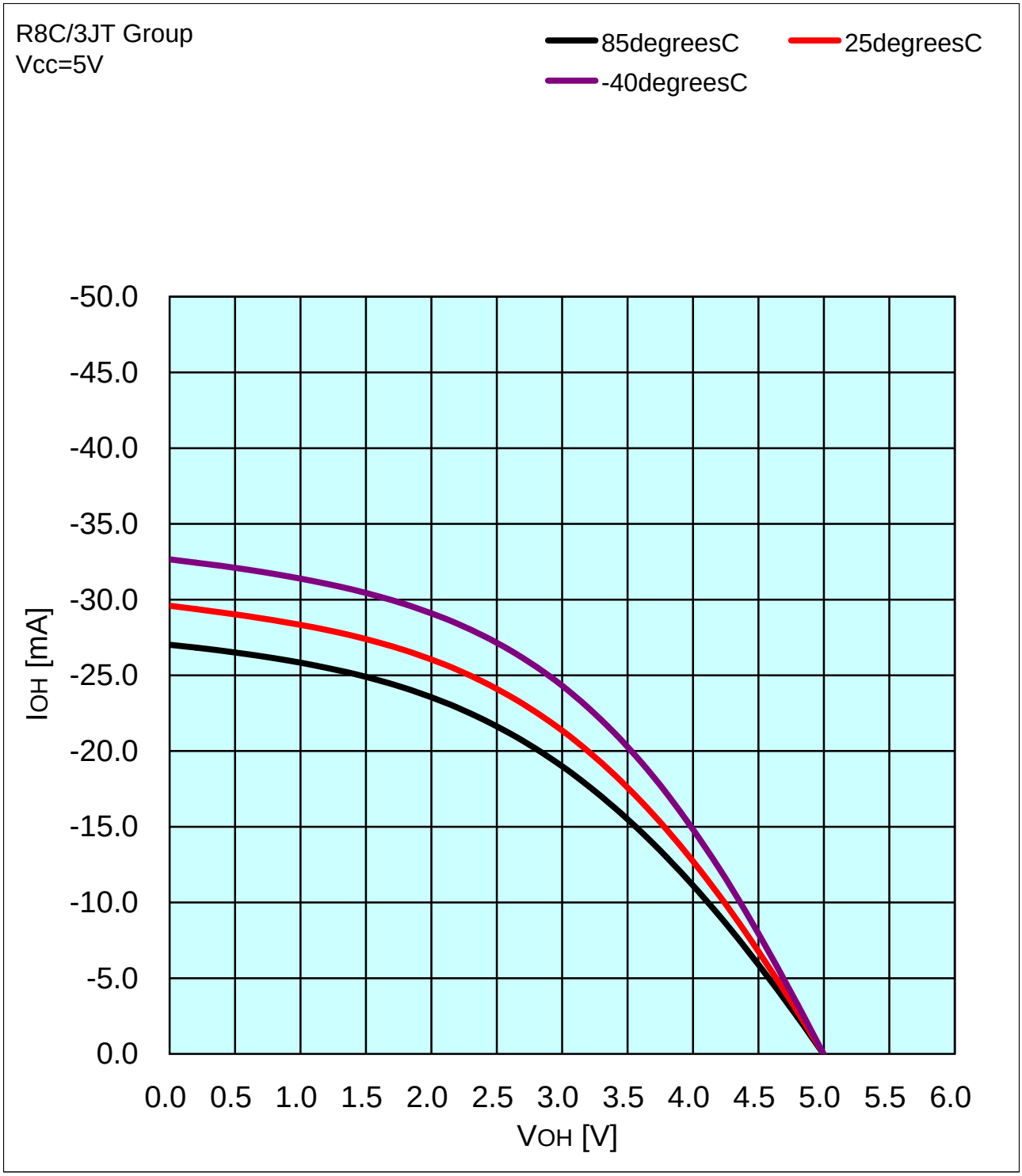
R8C/3JT Group
Topr=25degrees Celsius
Vcc=5V, 3V, 1.8V



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

I_{OH} vs V_{OH}
(Port Drive Capacity=Low)

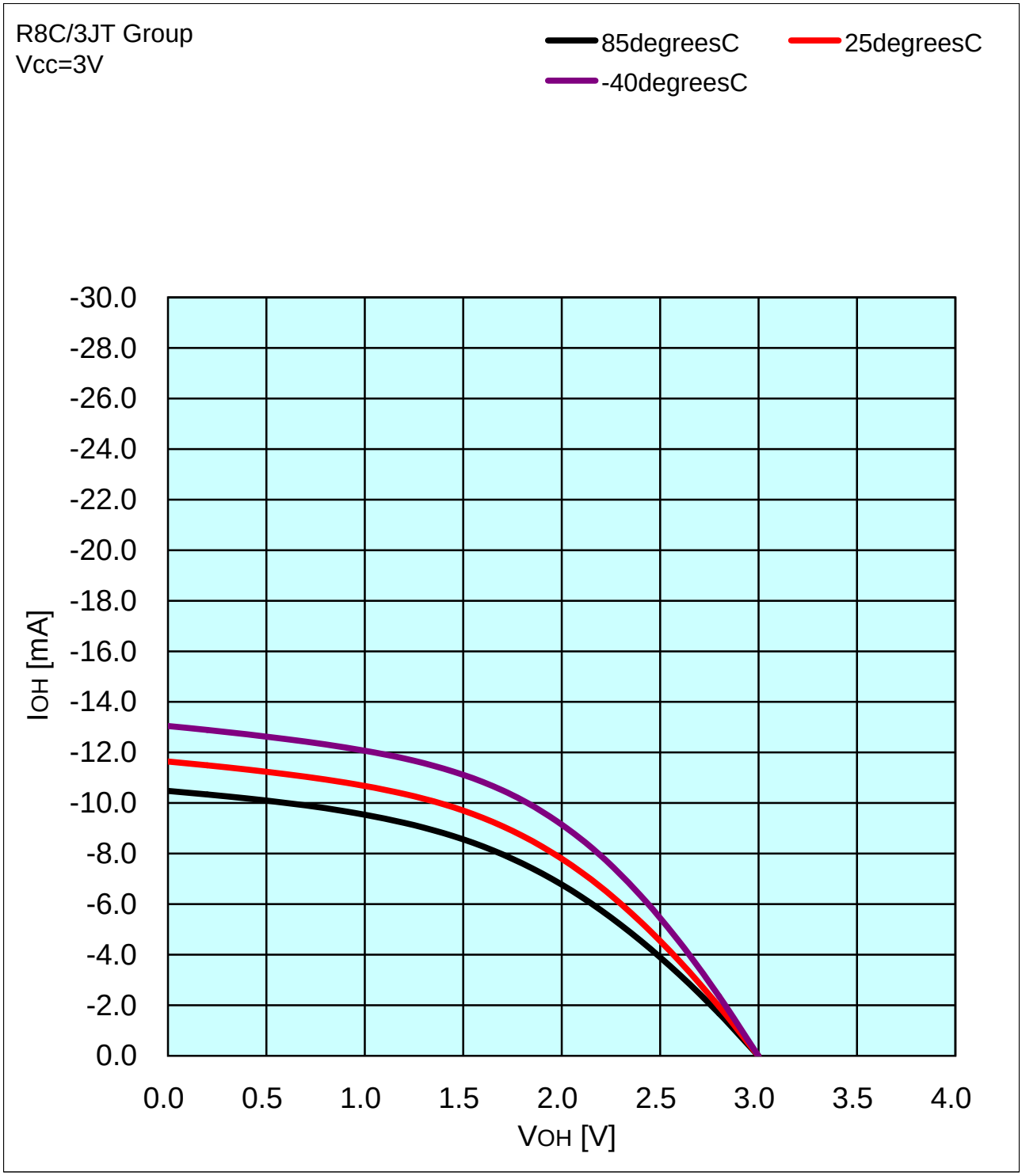
Prepared on Jun. 30, 2010



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

IOH vs VOH
(Port Drive Capacity=Low)

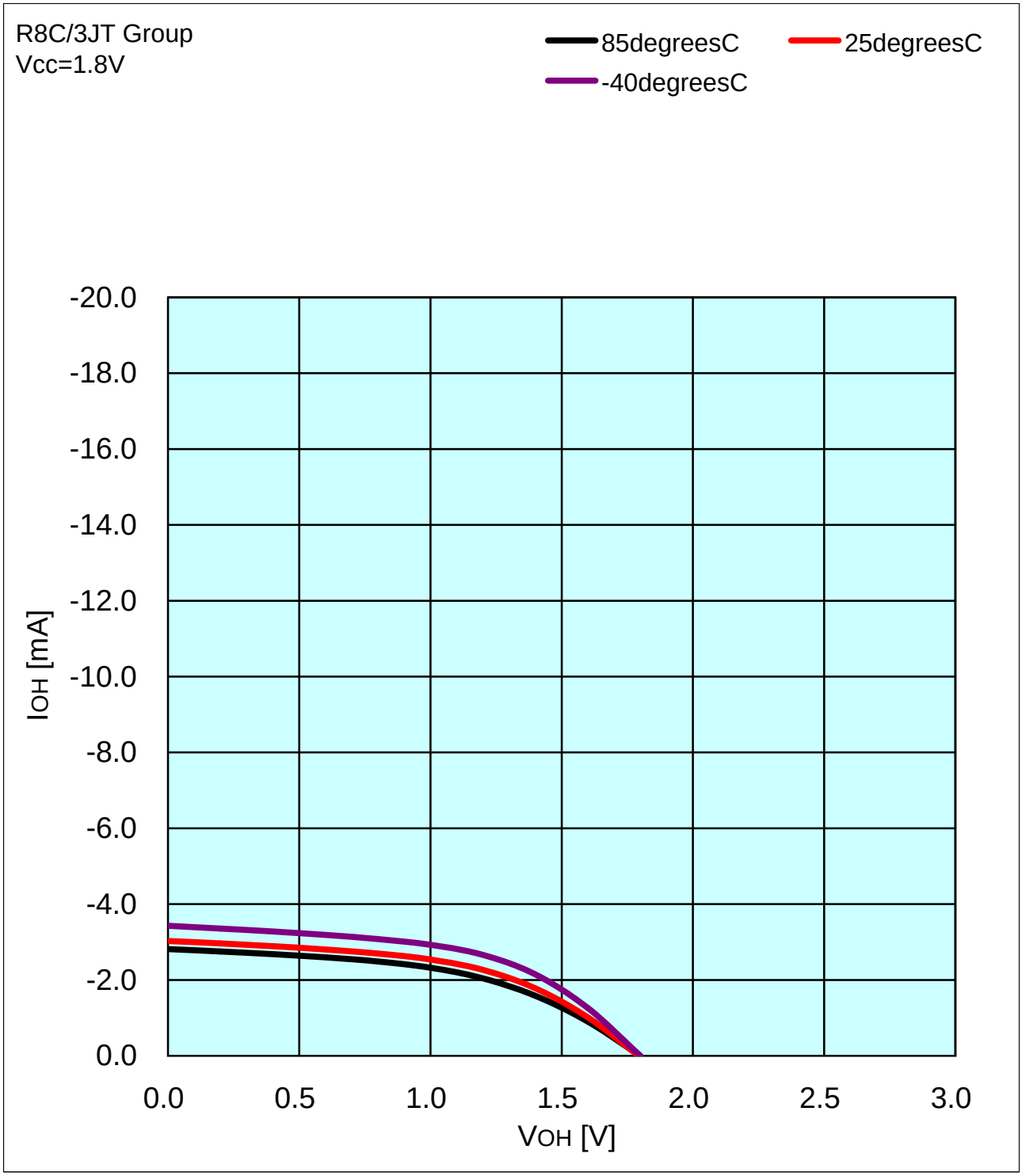
Prepared on Jun. 30, 2010



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

I_{OH} vs V_{OH}
(Port Drive Capacity=Low)

Prepared on Jun. 30, 2010

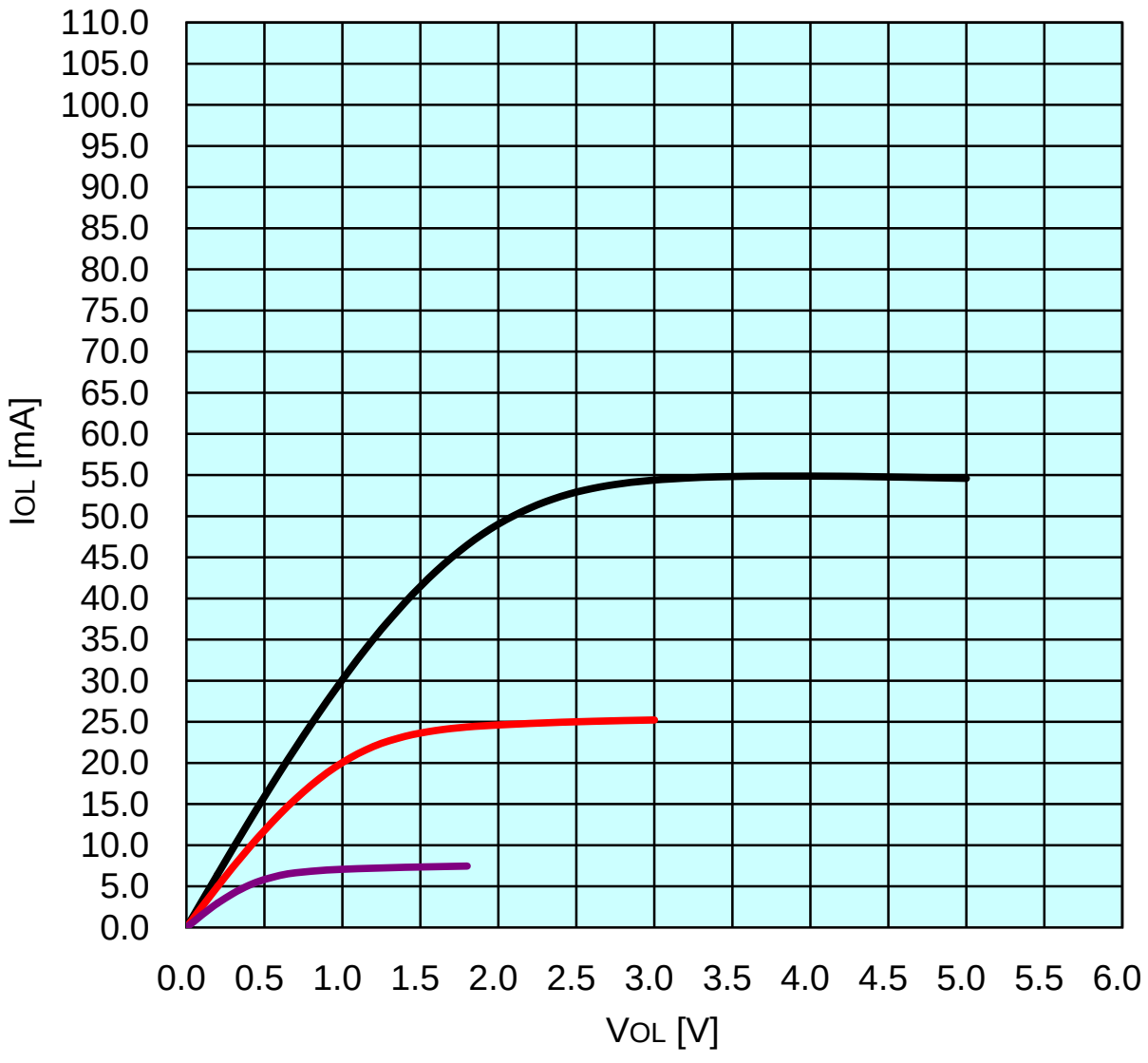


The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

I_{OL} vs V_{OL}
(Port Drive Capacity=High)

Prepared on Jun. 30, 2010

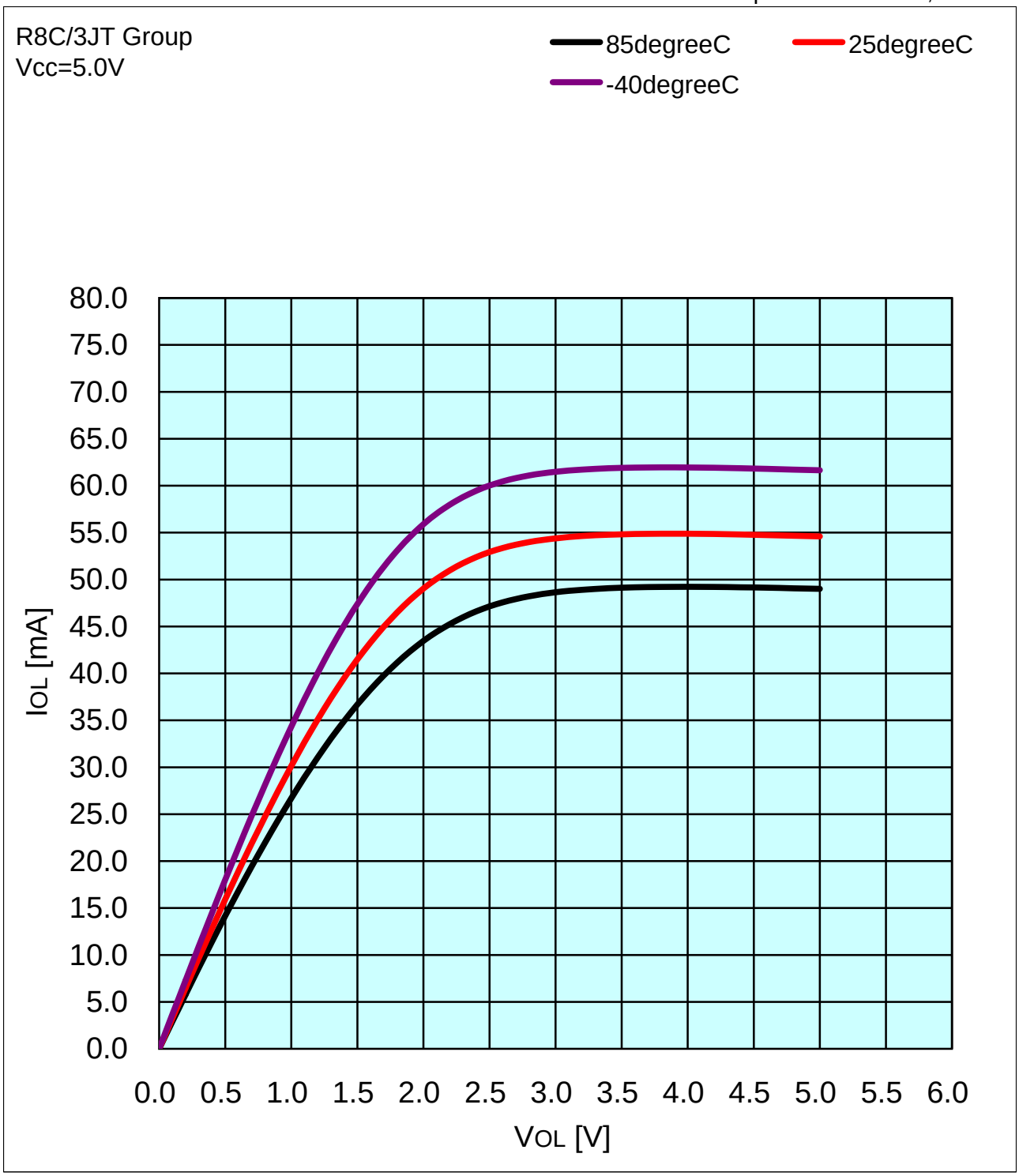
R8C/3JT Group
Topr=25degrees Celsius
Vcc=5V, 3V, 1.8V



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

I_{OL} vs V_{OL}
(Port Drive Capacity=High)

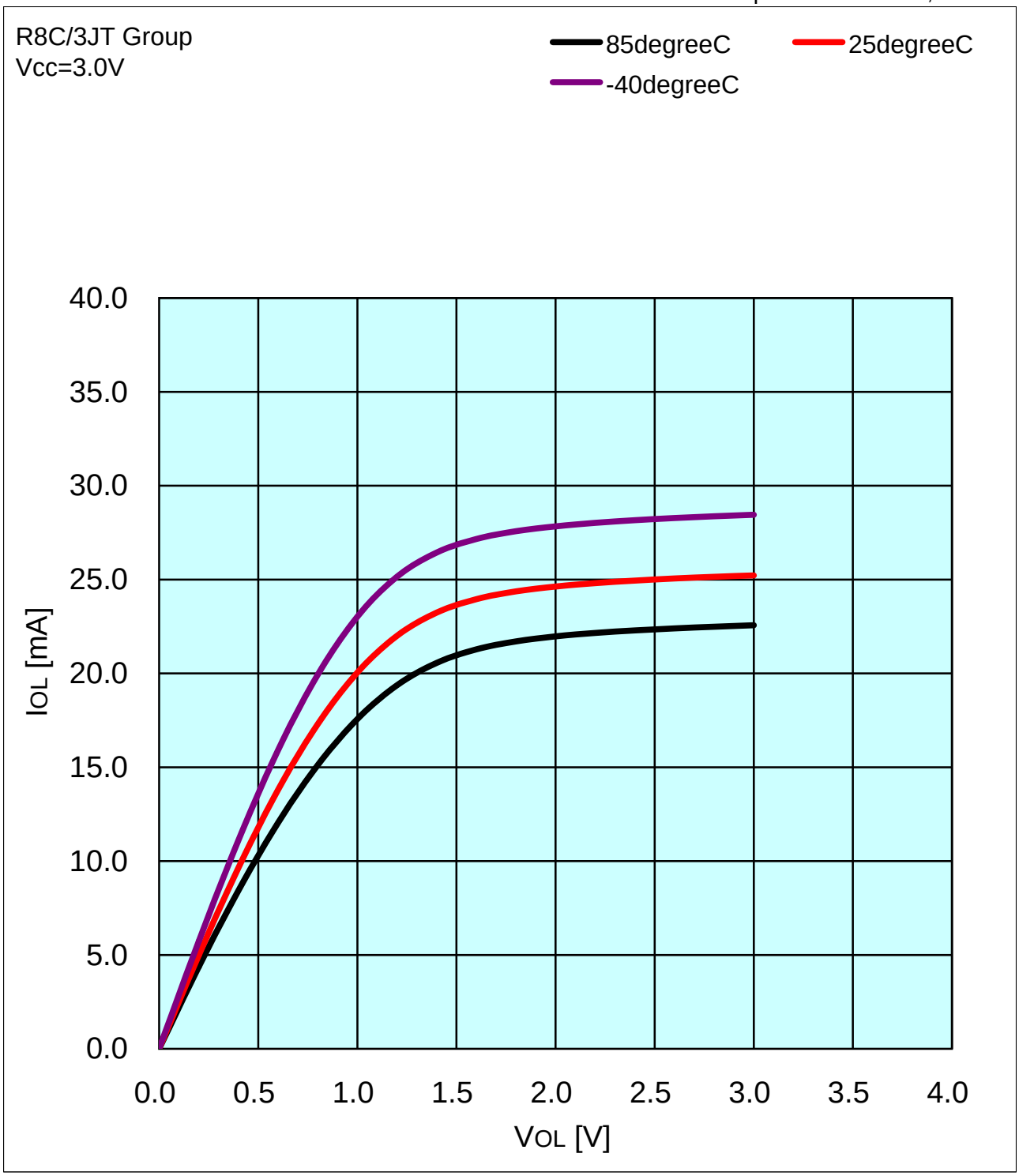
Prepared on Jun. 30, 2010



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

I_{OL} vs V_{OL}
(Port Drive Capacity=High)

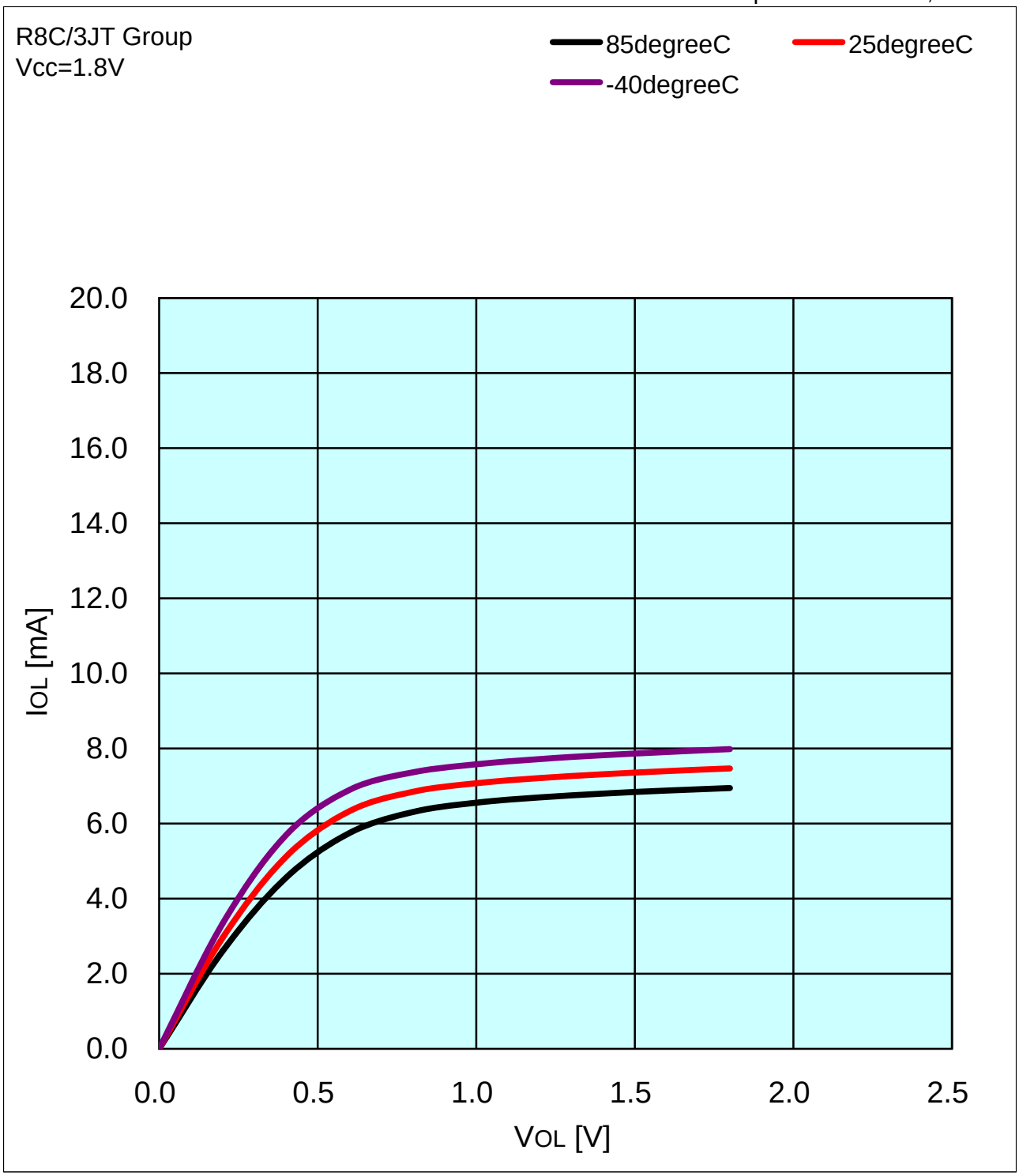
Prepared on Jun. 30, 2010



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

I_{OL} vs V_{OL}
(Port Drive Capacity=High)

Prepared on Jun. 30, 2010

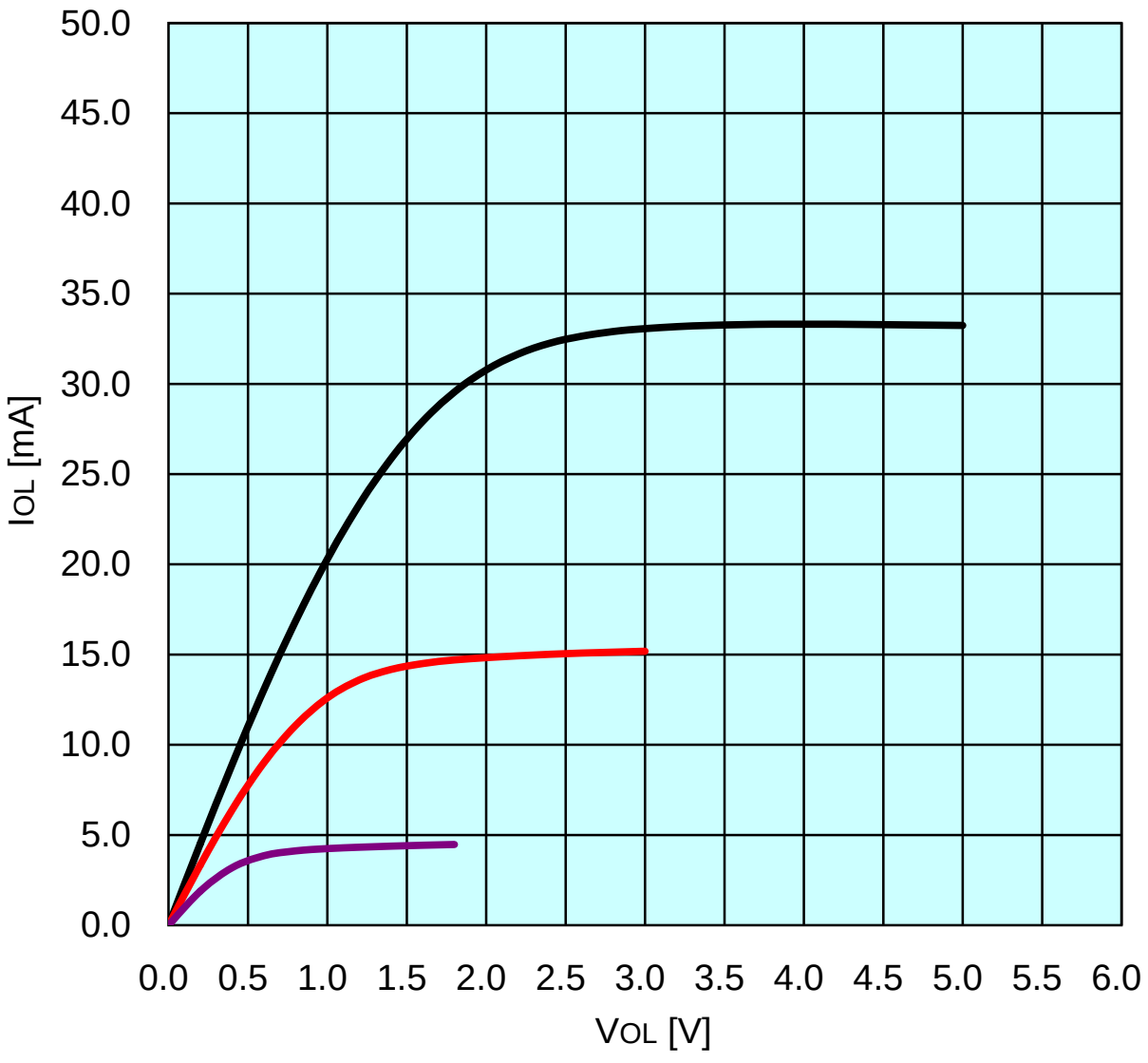


The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

I_{OL} vs V_{OL}
(Port Drive Capacity=Low)

Prepared on Jun. 30, 2010

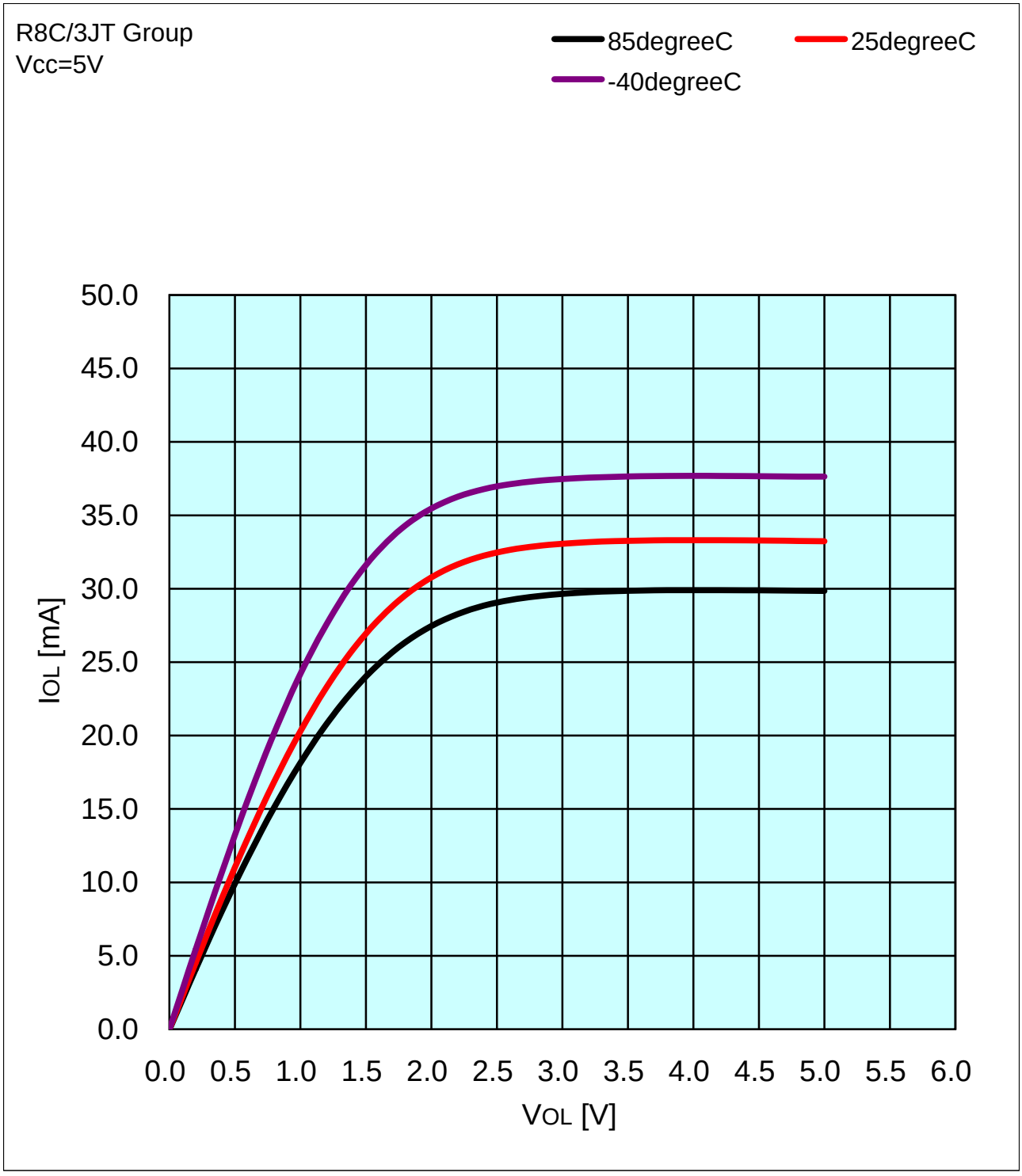
R8C/3JT Group
Topr=25degrees Celsius
Vcc=5V, 3V, 1.8V



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

I_{OL} vs V_{OL}
(Port Drive Capacity=Low)

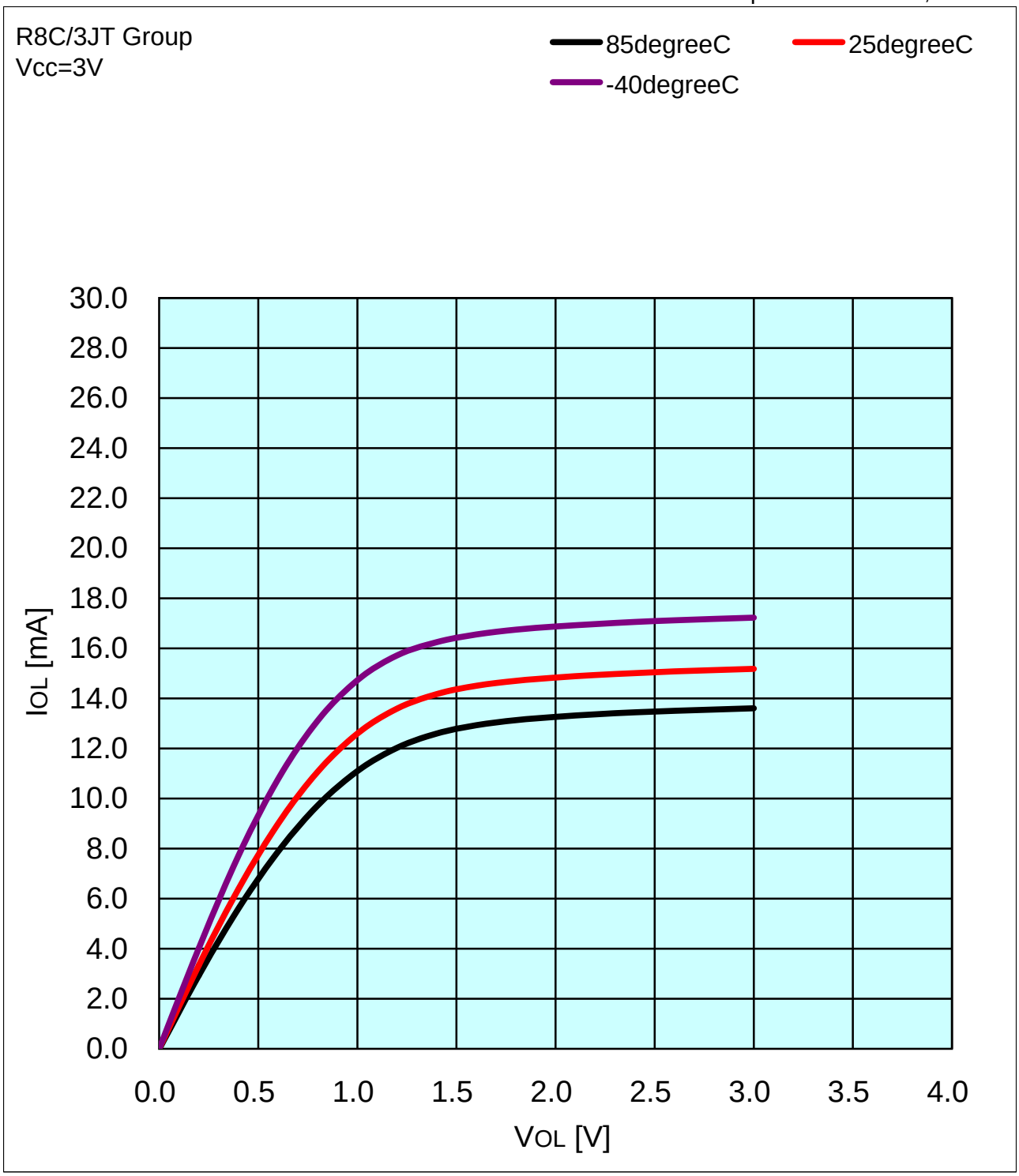
Prepared on Jun. 30, 2010



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

I_{OL} vs V_{OL}
(Port Drive Capacity=Low)

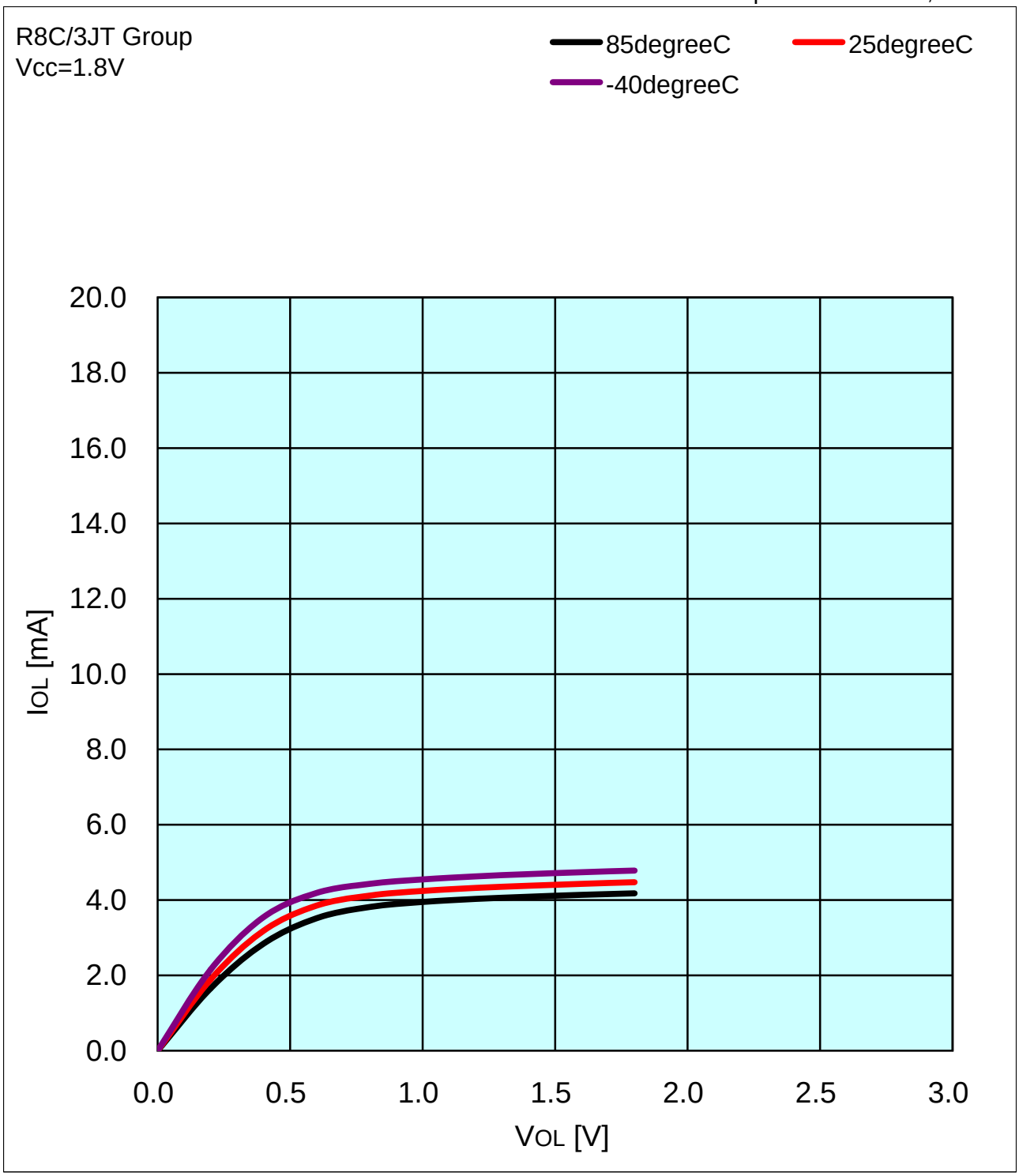
Prepared on Jun. 30, 2010



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

I_{OL} vs V_{OL}
(Port Drive Capacity=Low)

Prepared on Jun. 30, 2010



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