

# R8C/36T-A Group

## Output port characteristics

Prepared on Feb. 24, 2012

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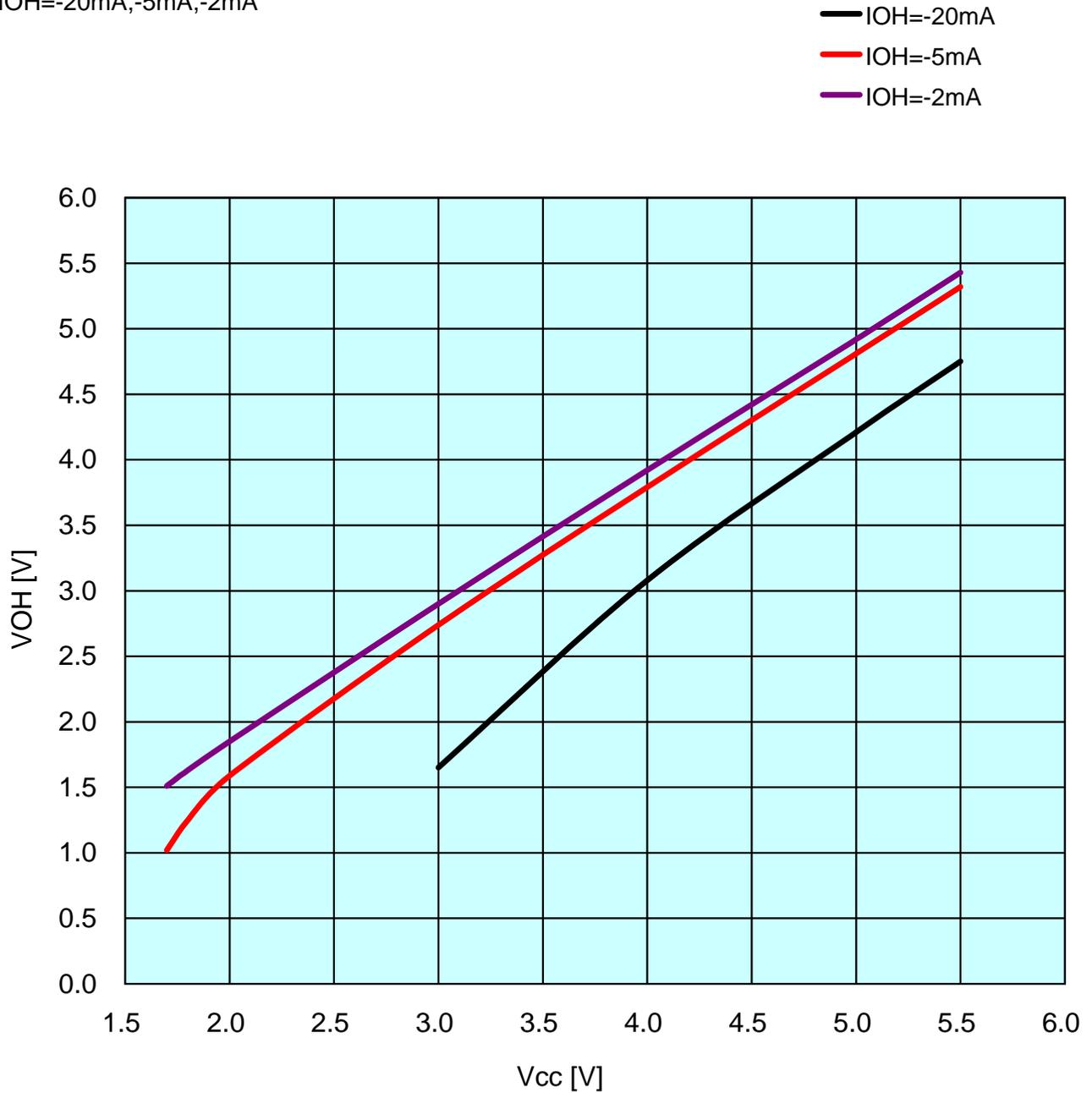
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# VOH vs Vcc

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
IOH=-20mA,-5mA,-2mA



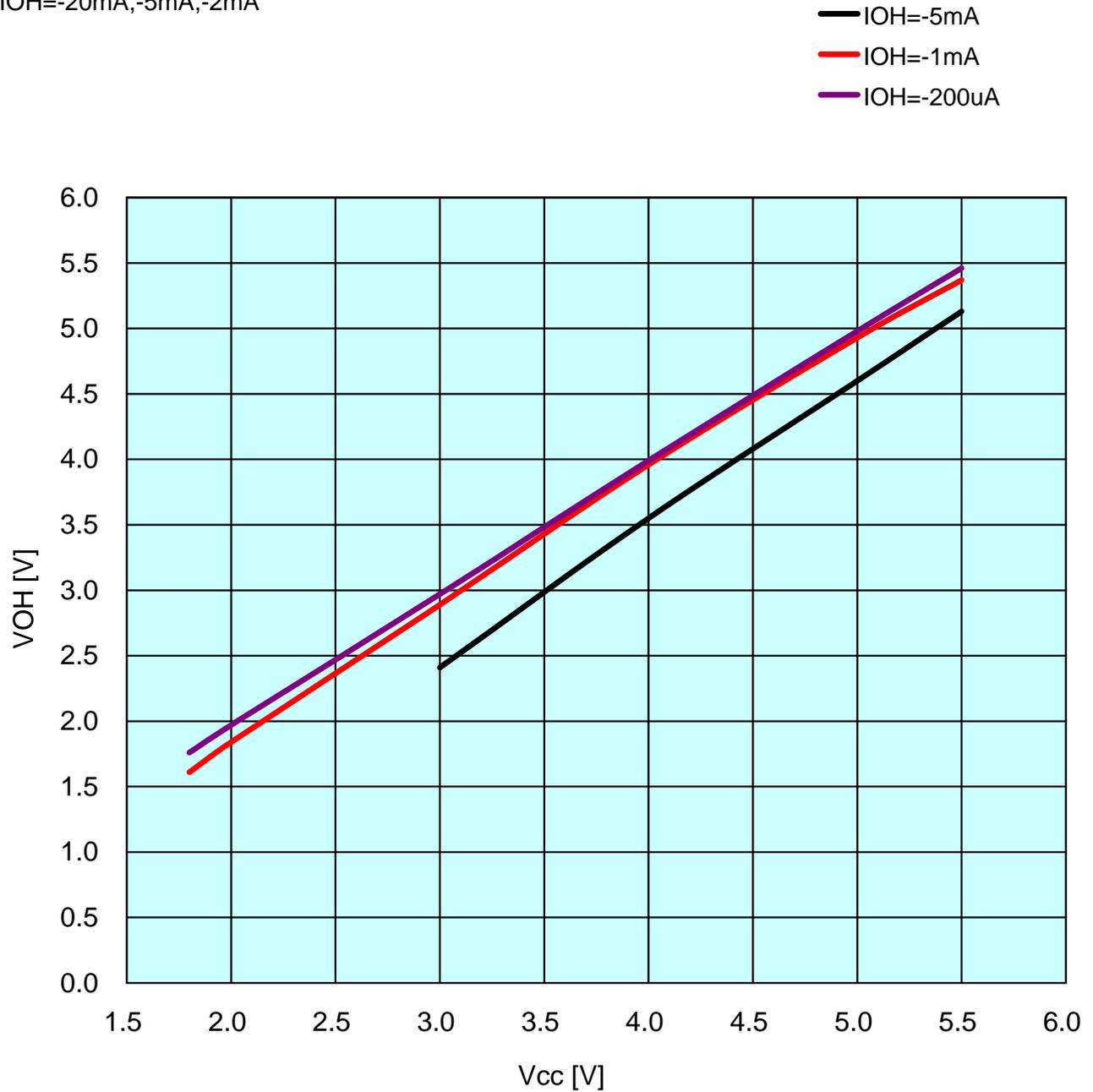
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# VOH vs Vcc

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees 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.

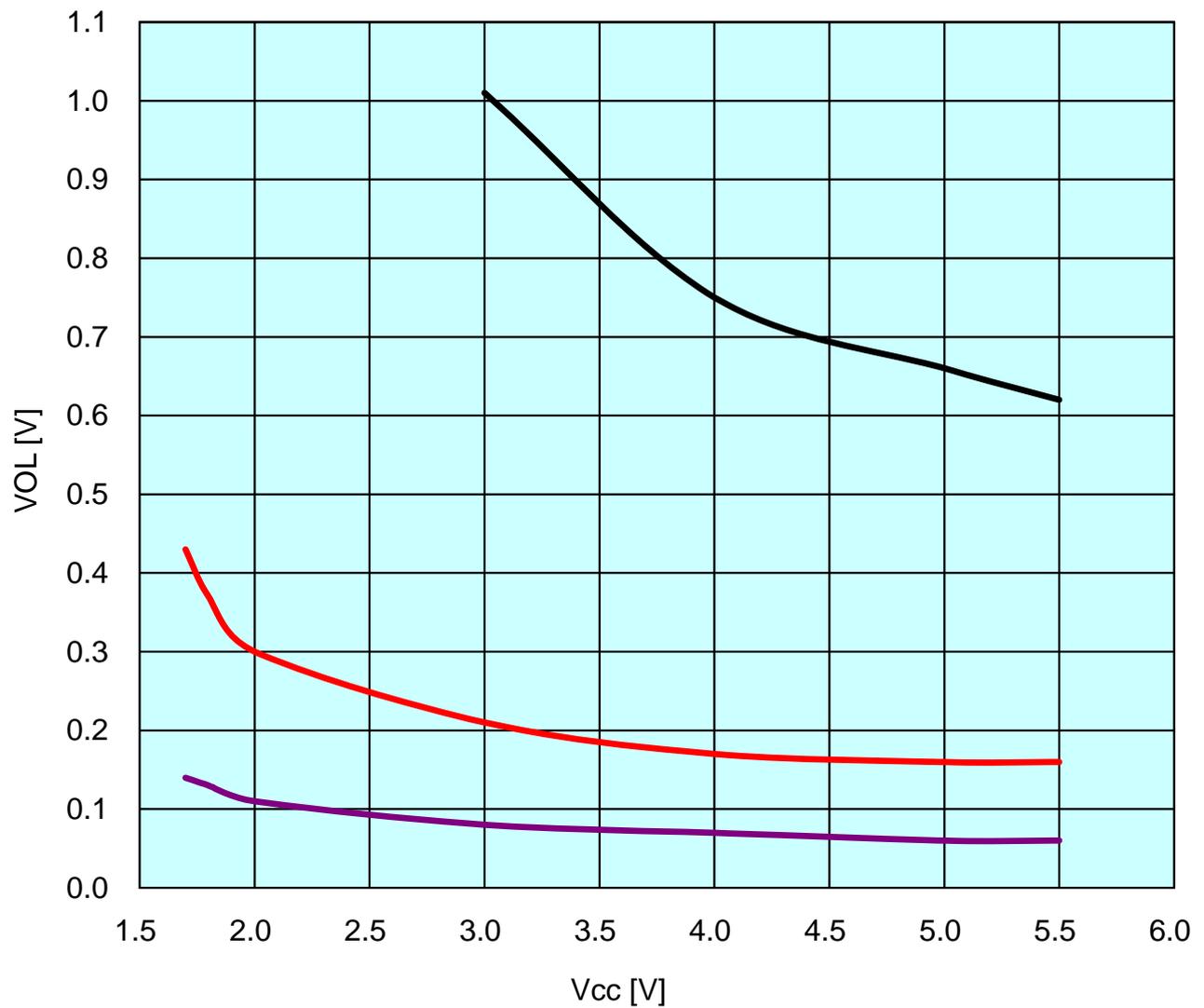
# VOL vs Vcc

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
IOH=5mA,1mA,200uA

— IOH=20mA  
— IOH=5mA  
— IOH=2mA



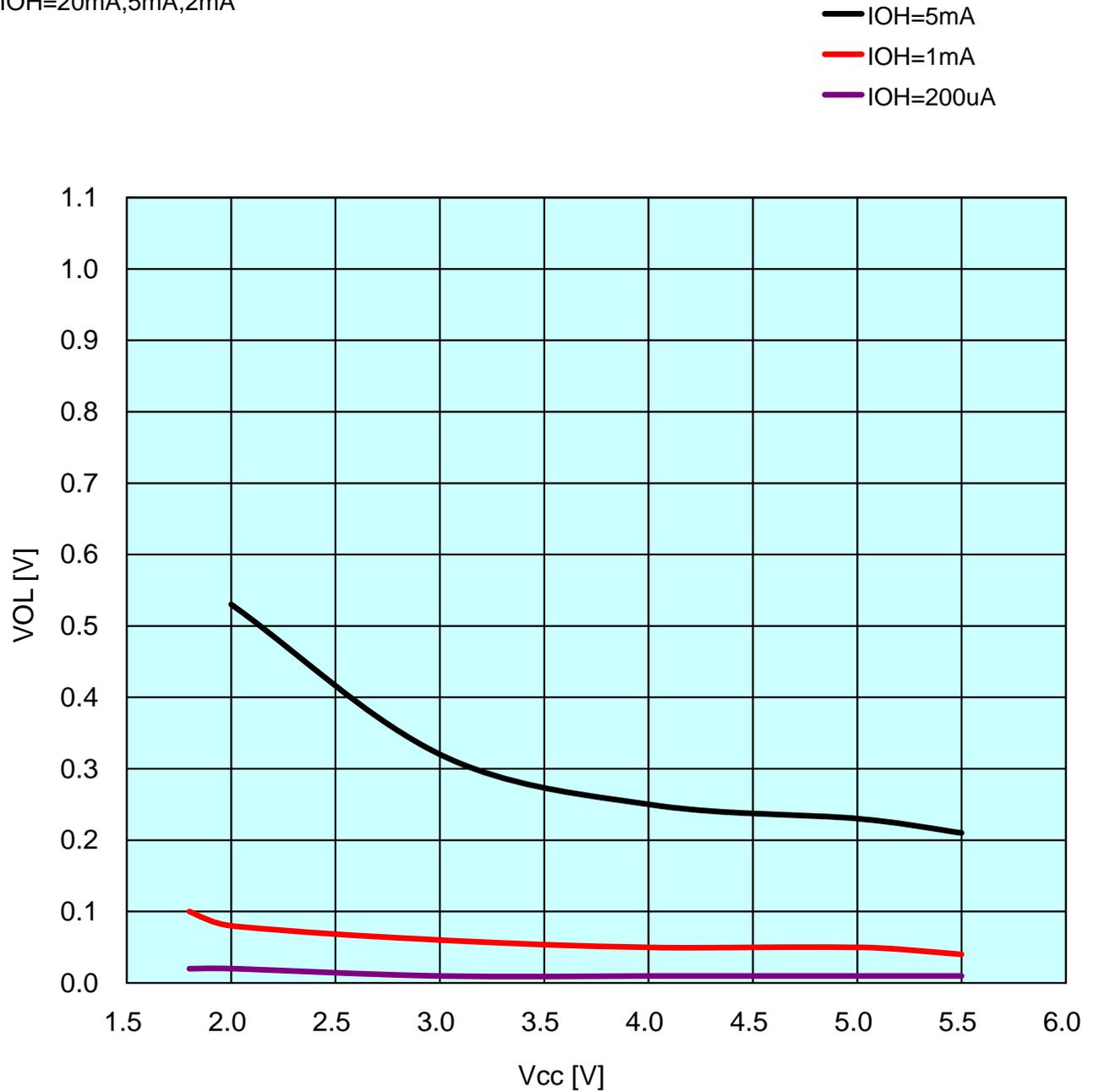
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# VOL vs Vcc

(Port Drive Capacity =Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
IOH=20mA,5mA,2mA



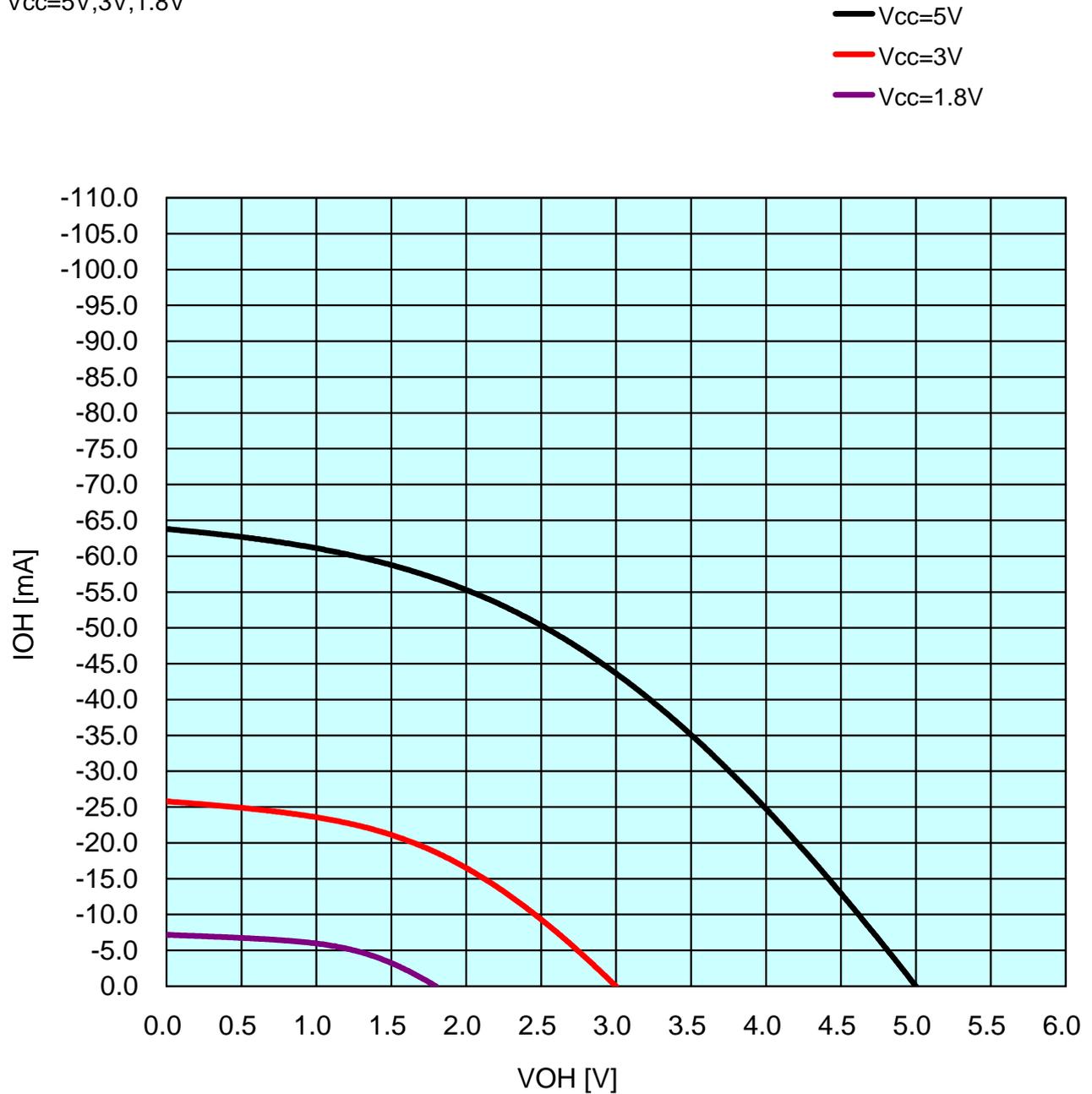
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# IOH vs VOH

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
Vcc=5V,3V,1.8V



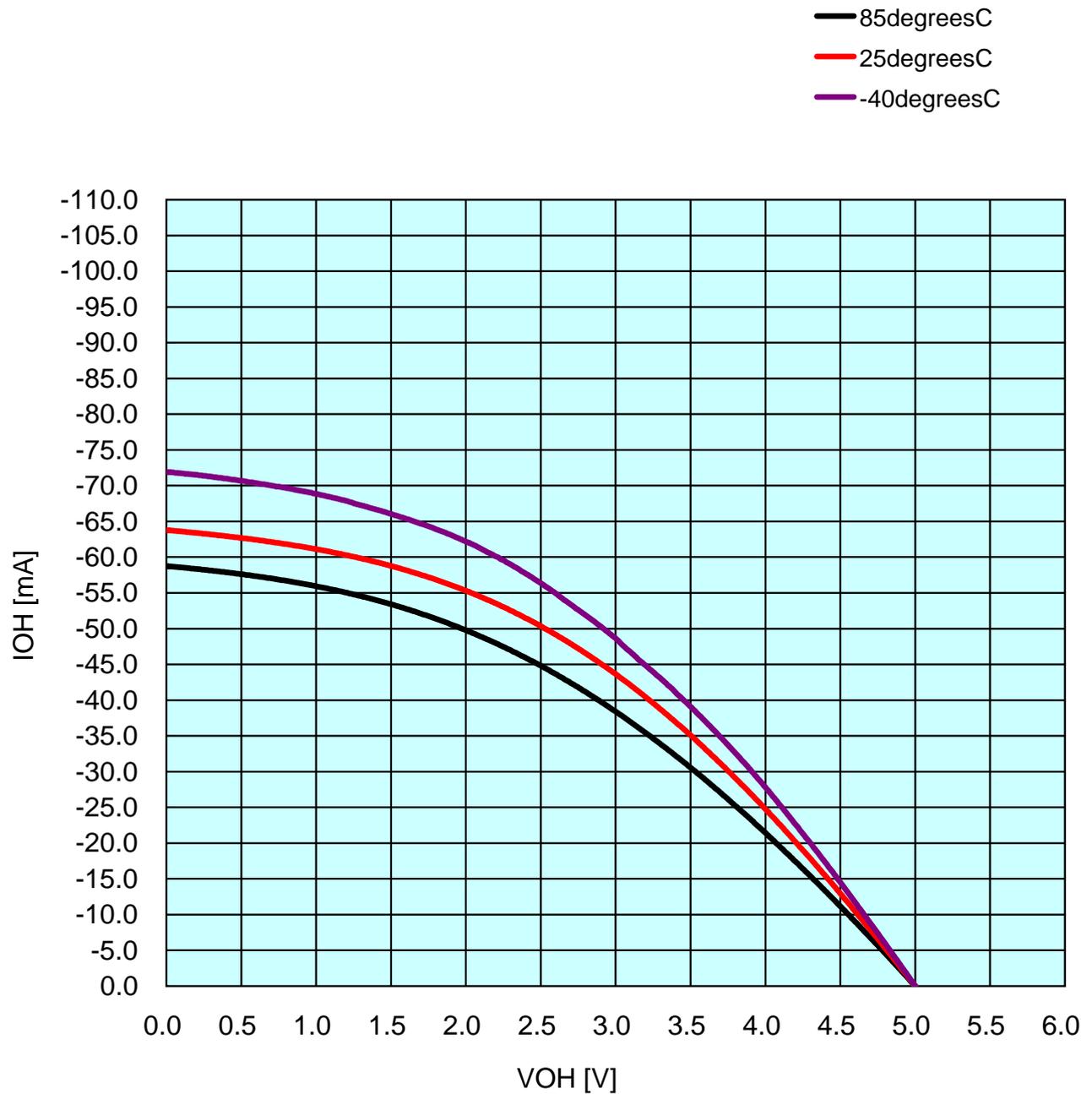
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# IOH vs VOH

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=5V



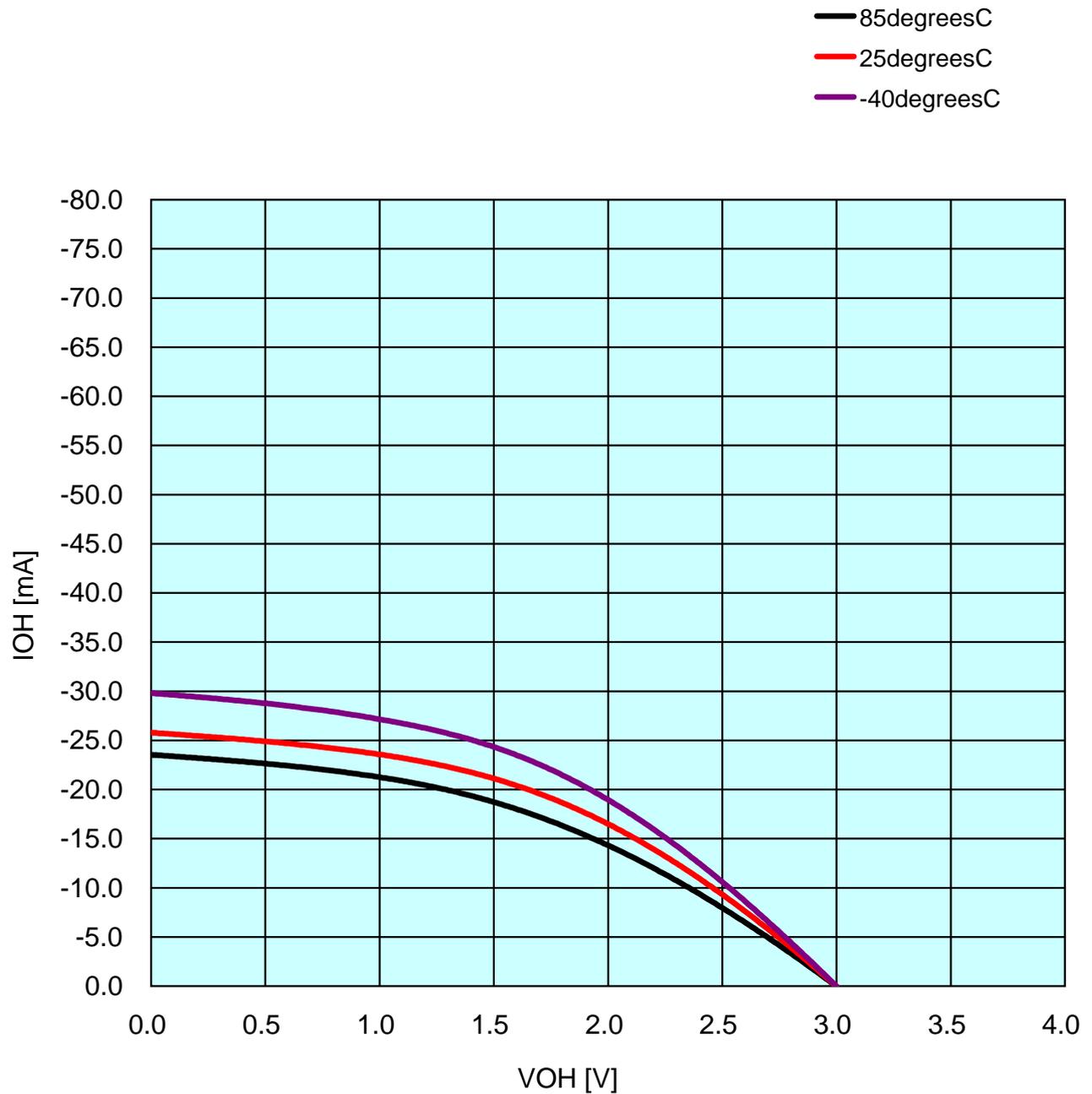
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# IOH vs VOH

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=3V



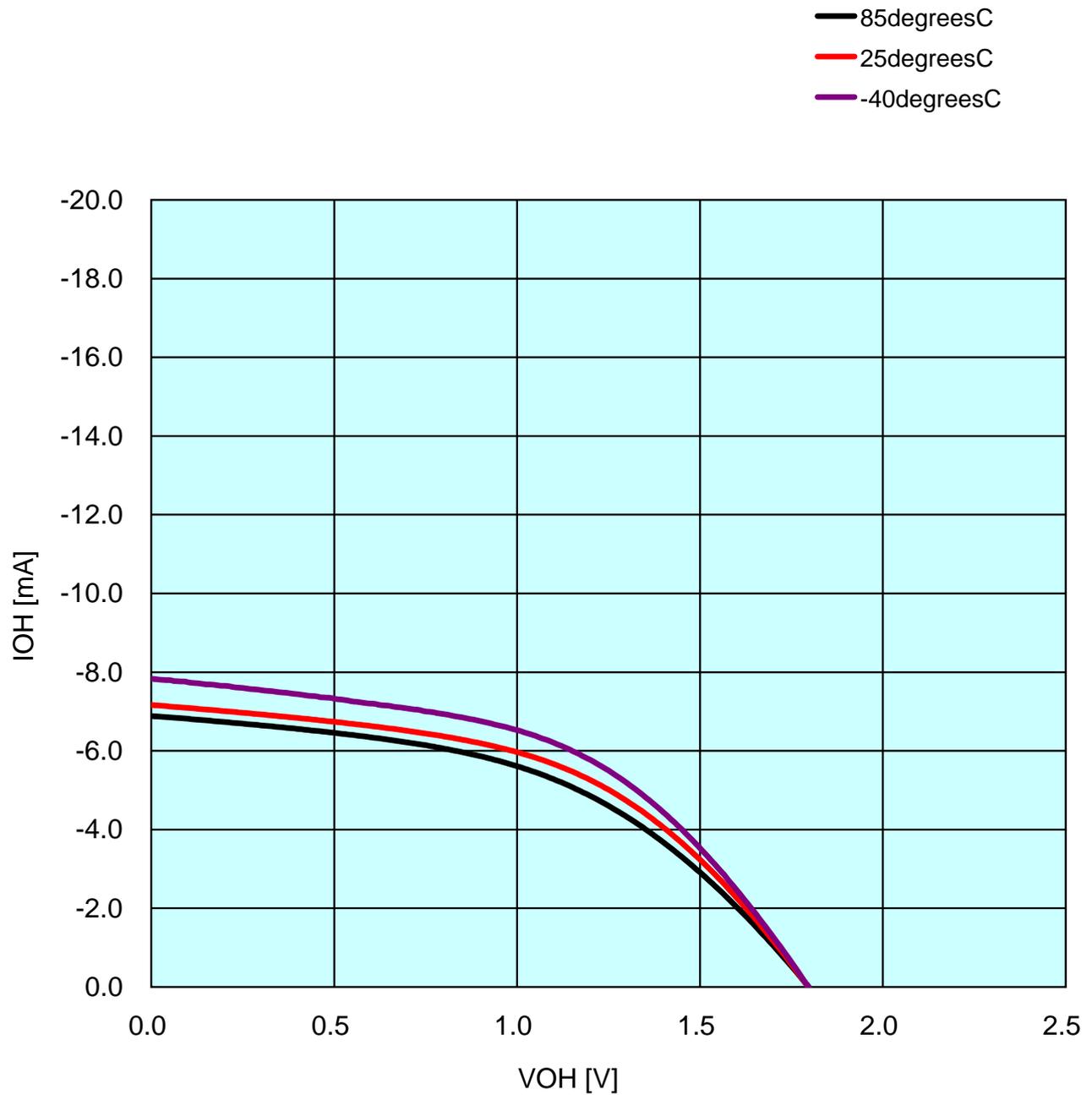
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

# IOH vs VOH

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=1.8V



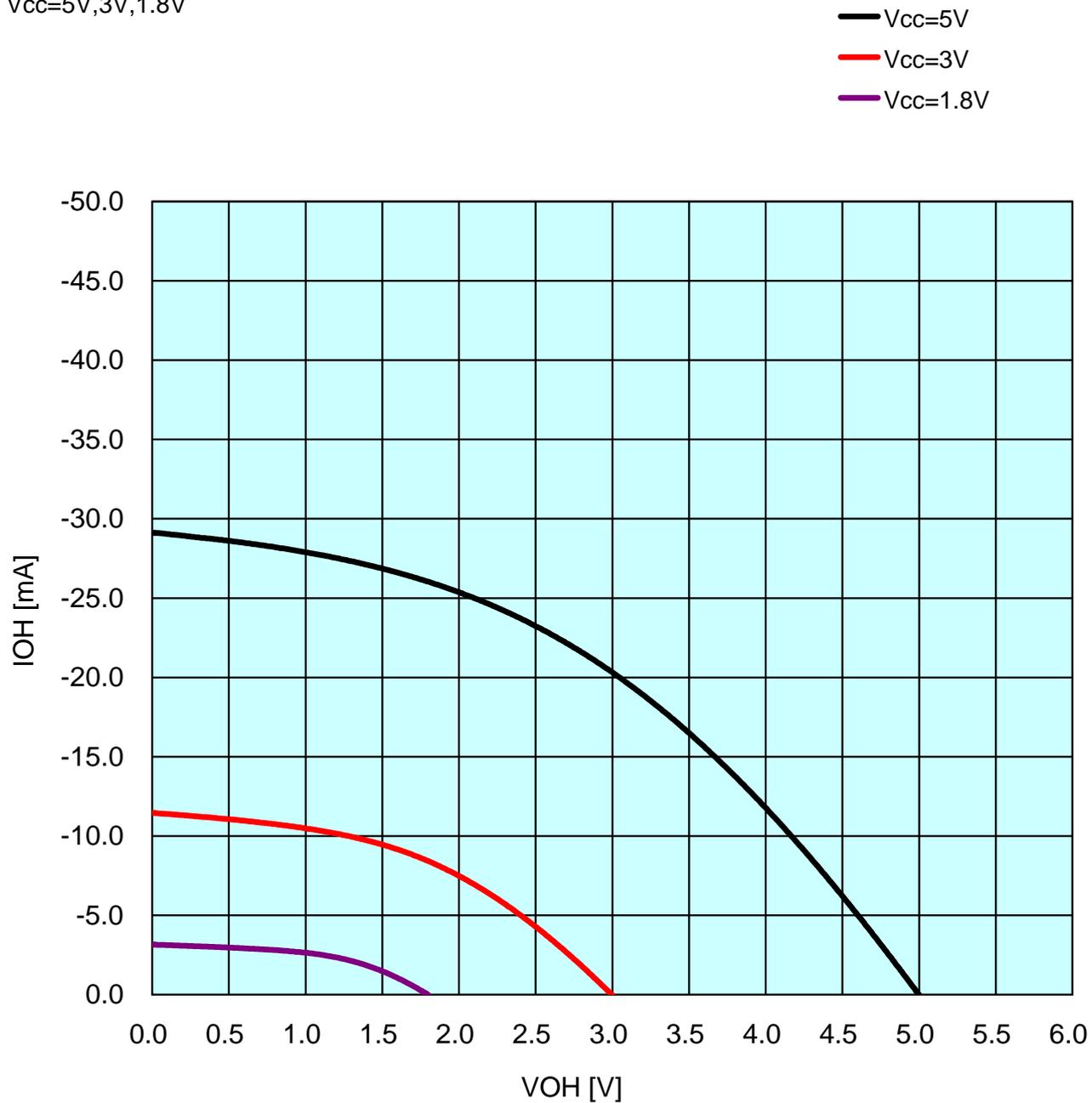
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# IOH vs VOH

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
Vcc=5V,3V,1.8V



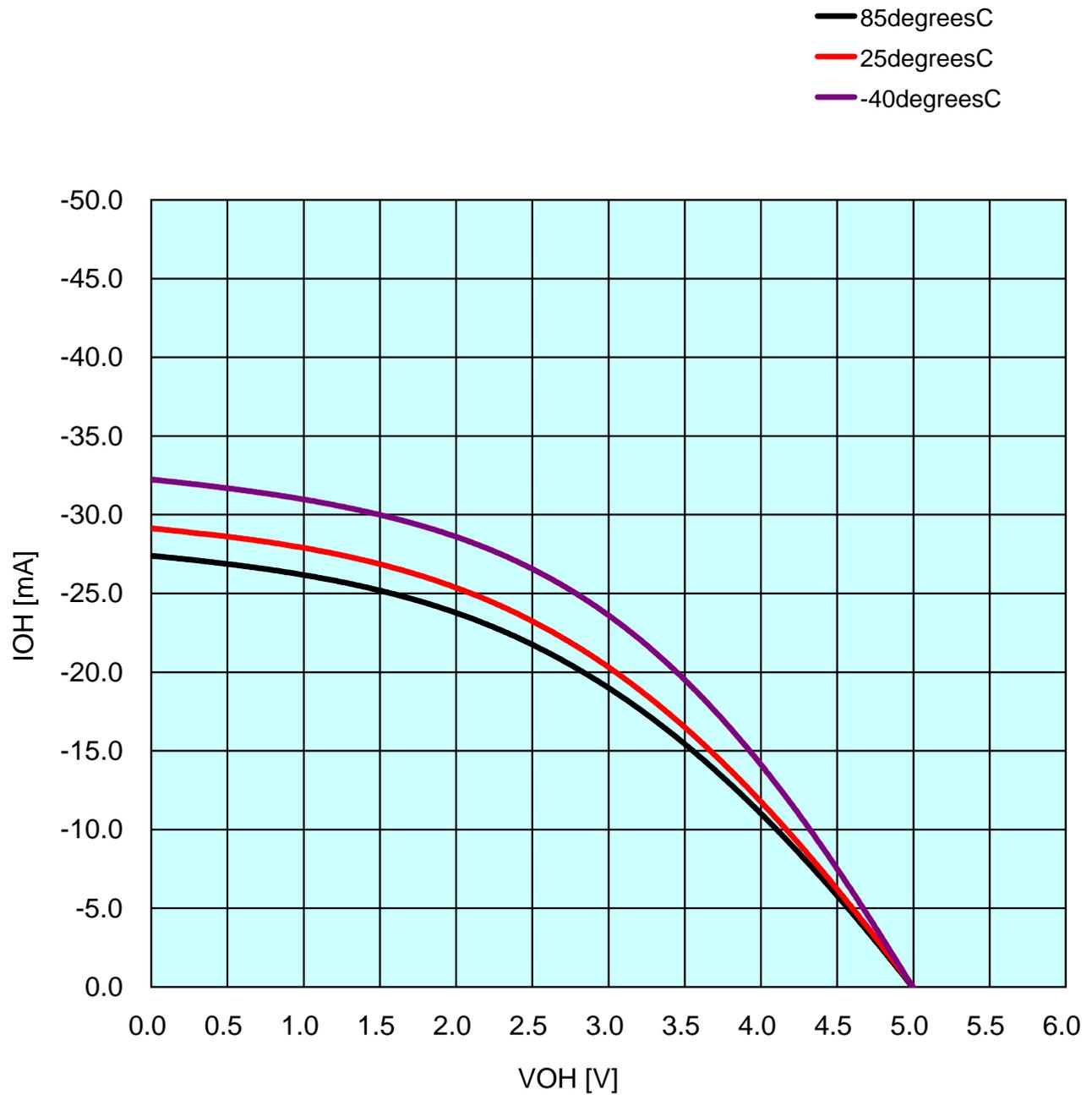
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# IOH vs VOH

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=5V



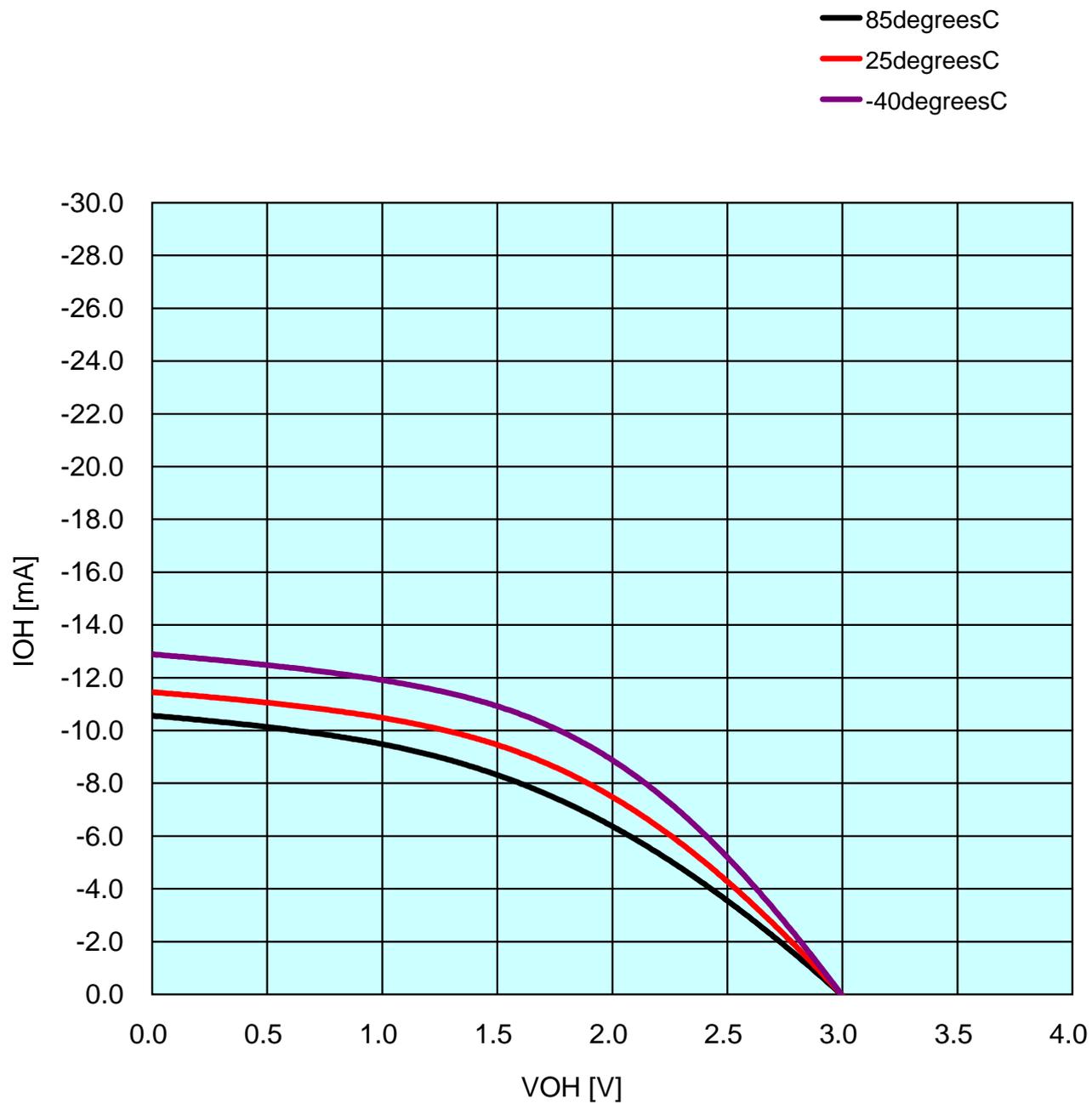
The mentioned value is only for your reference. The value is for the arbitrary samples and does not guarantee the product's characteristics.

# IOH vs VOH

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=3V



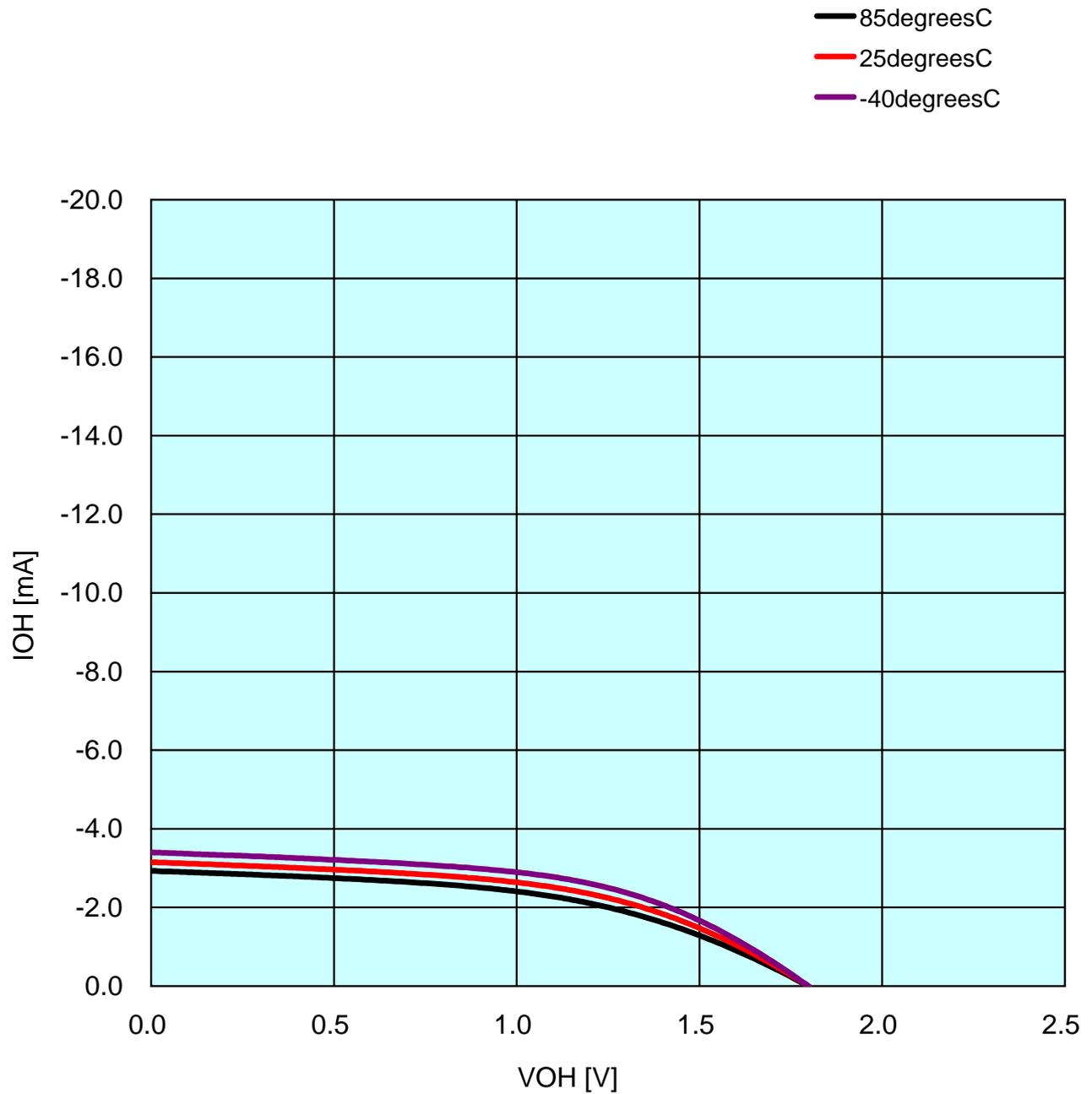
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# IOH vs VOH

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=1.8V



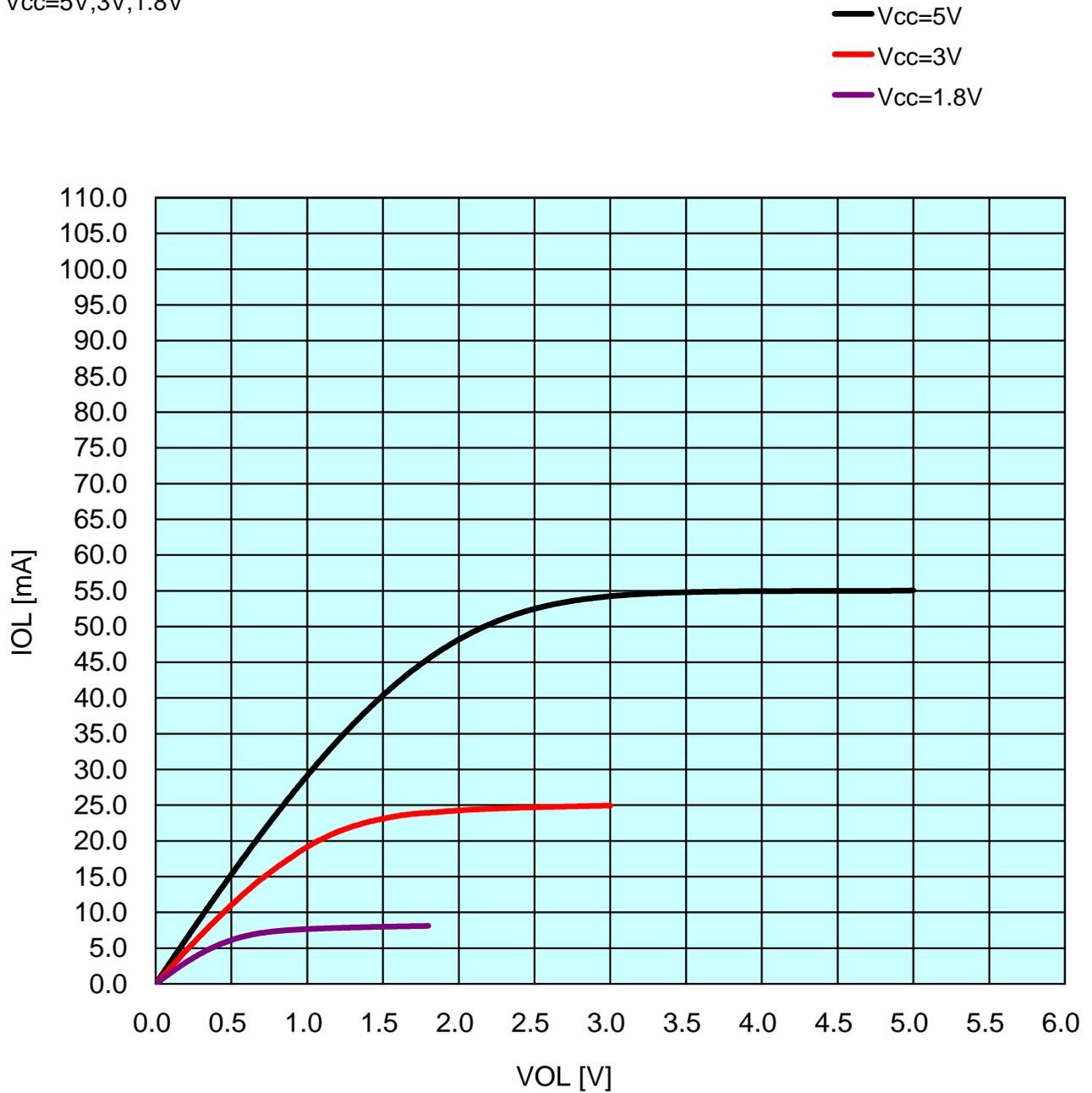
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# IOL vs VOL

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
Vcc=5V,3V,1.8V



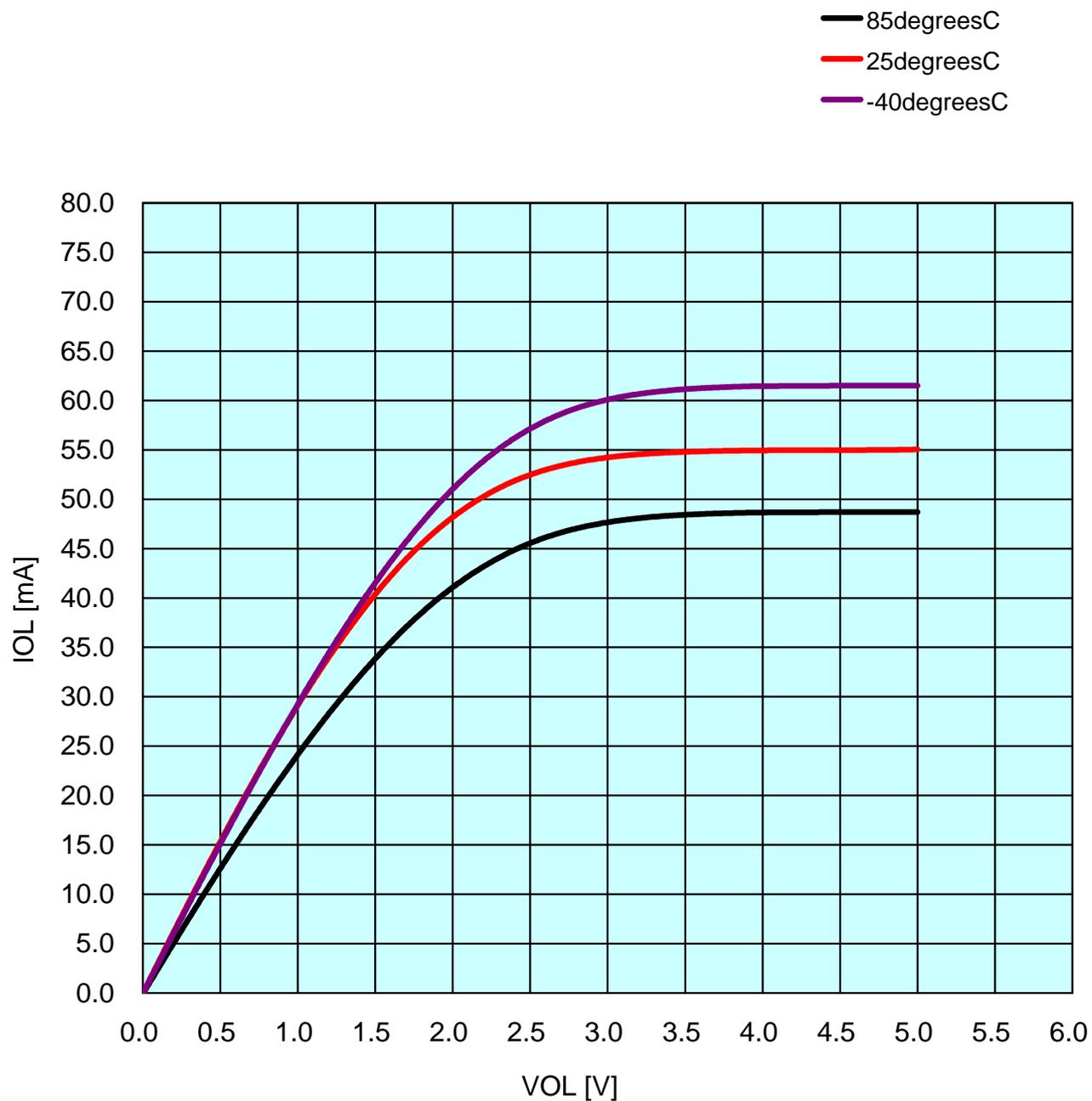
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# IOL vs VOL

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=5.0V



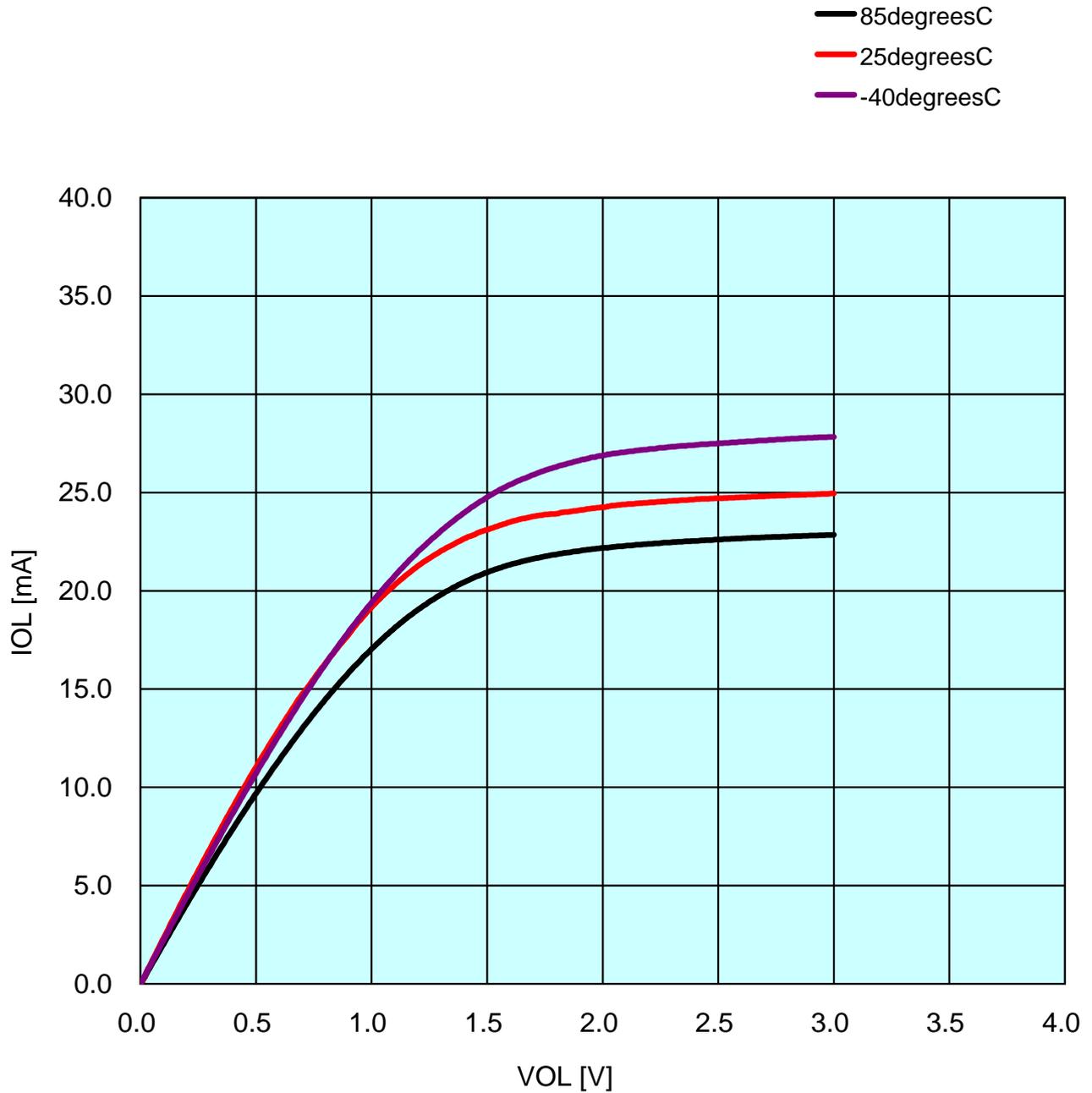
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# IOL vs VOL

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=3.0V



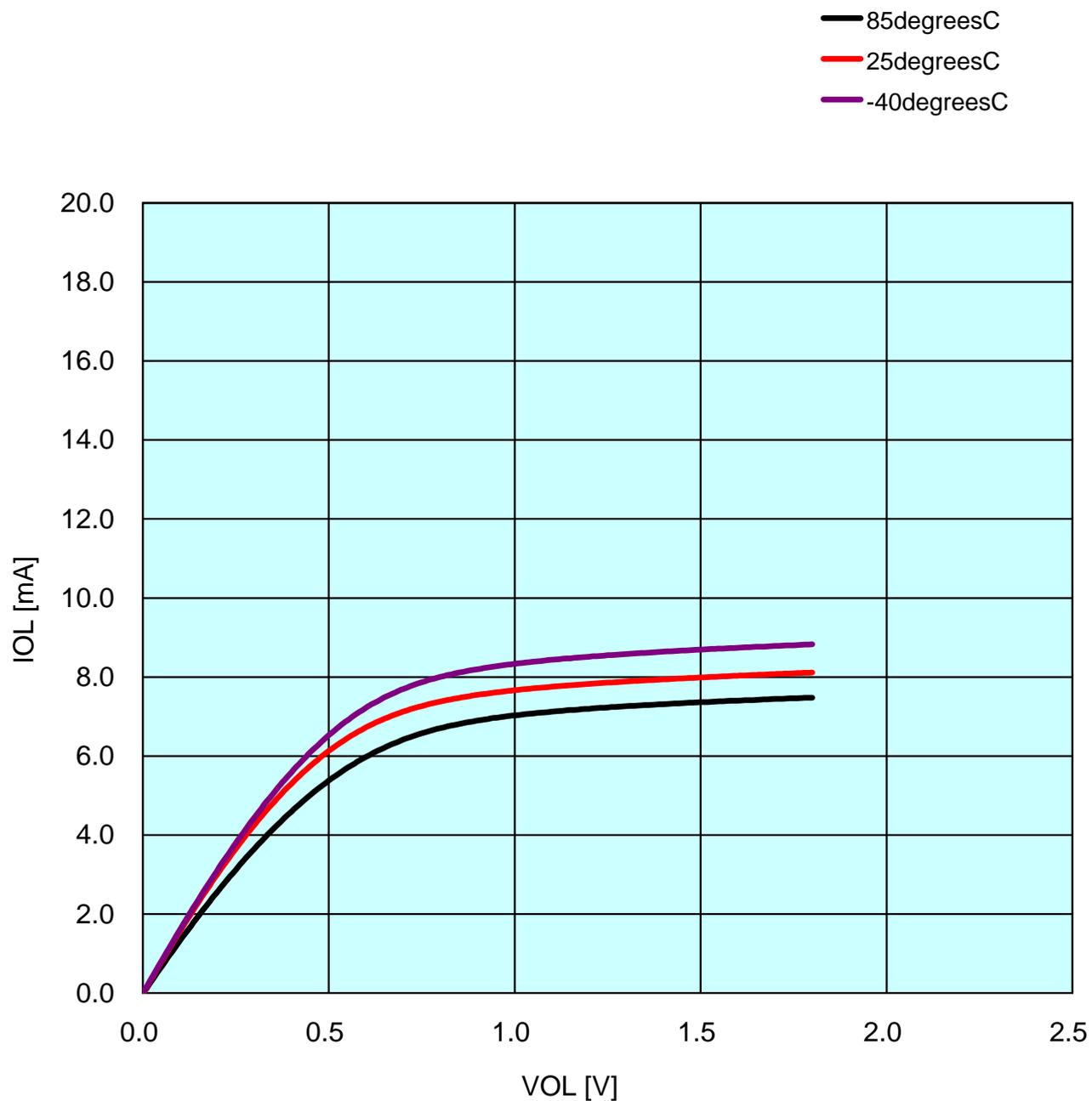
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# IOL vs VOL

(Port Drive Capacity = High)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=1.8V



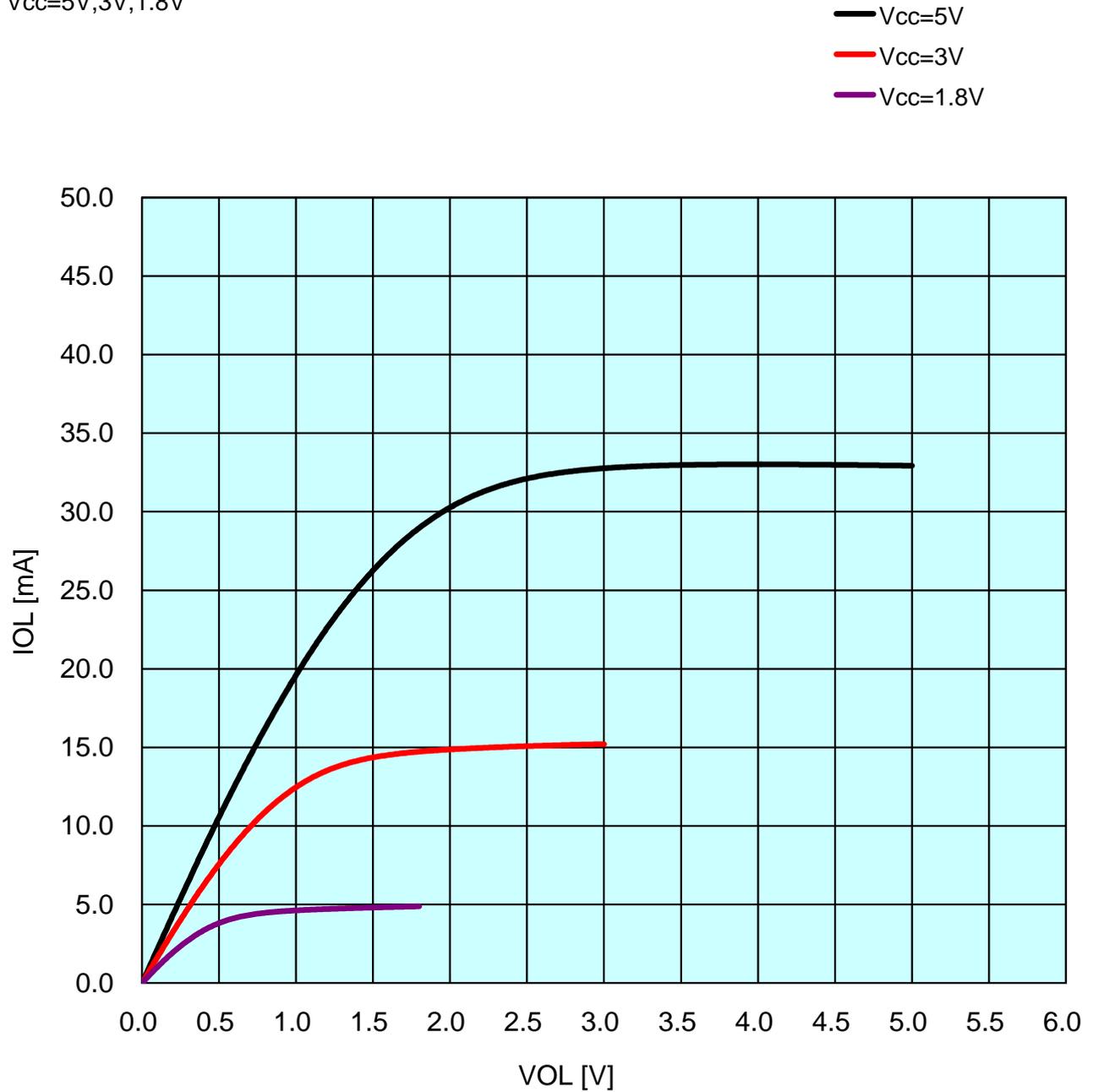
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# IOL vs VOL

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Topr= 25 degrees C  
Vcc=5V,3V,1.8V



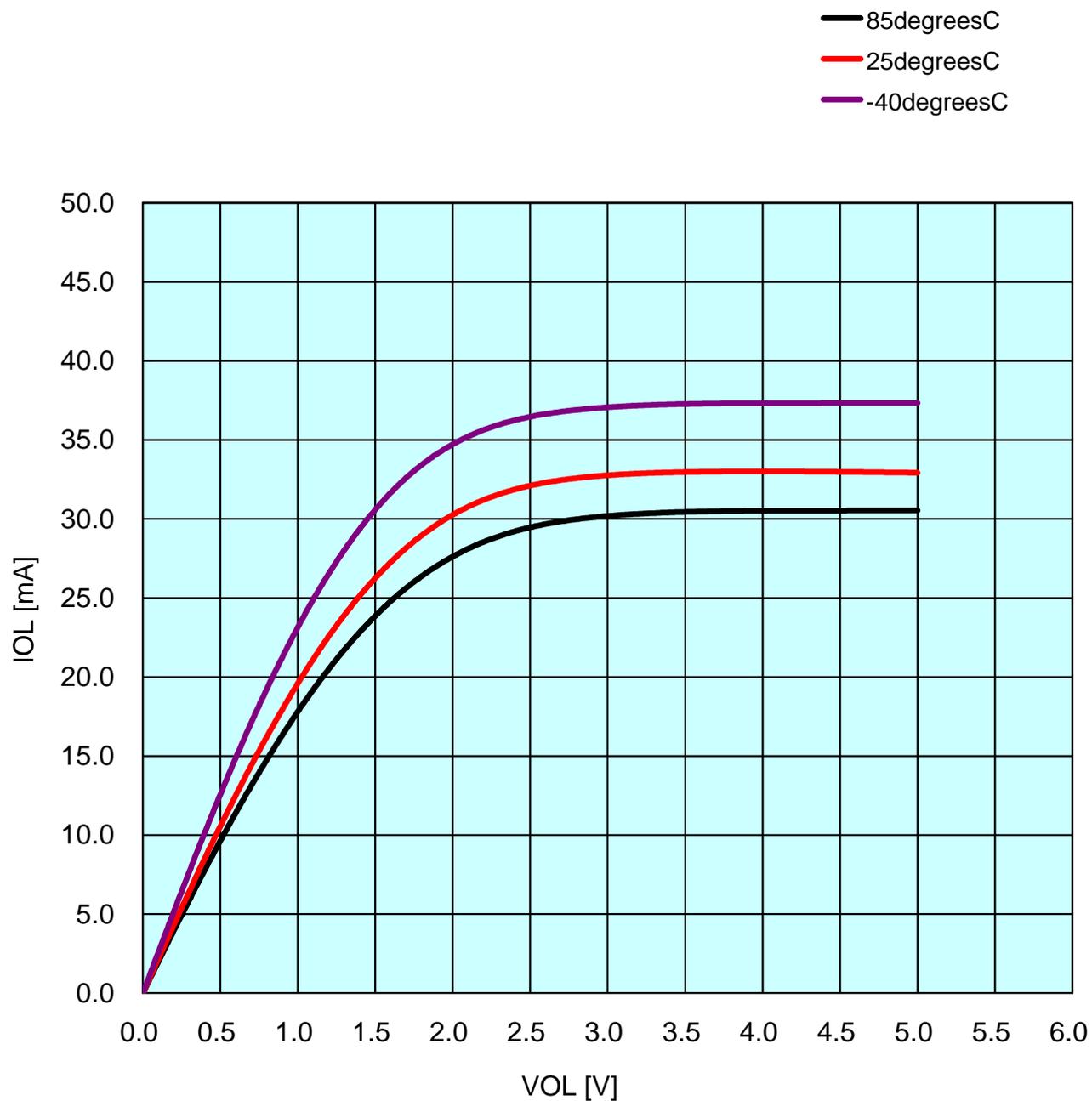
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# IOL vs VOL

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=5.0V



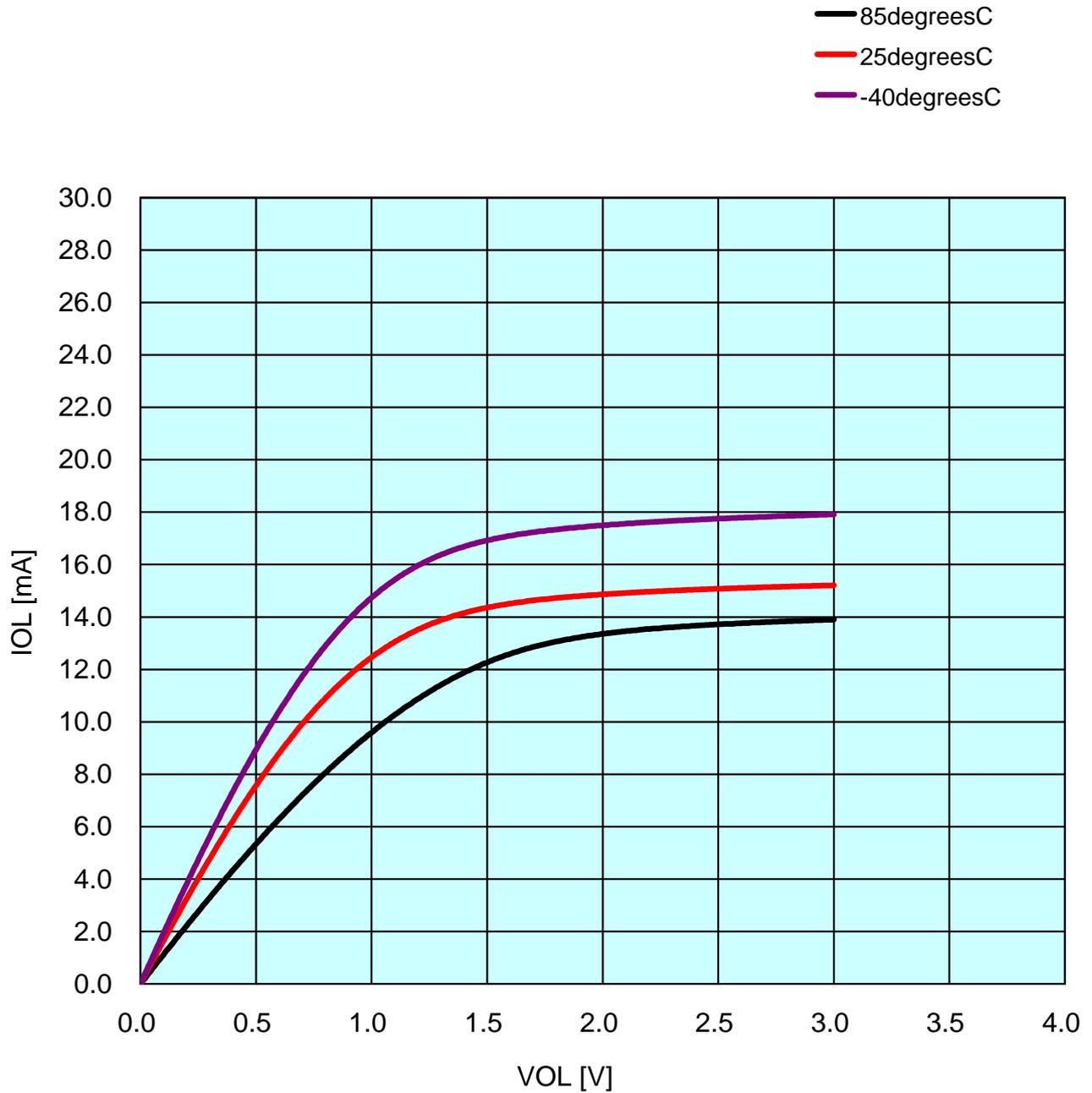
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# IOL vs VOL

(Port Drive Capacity = Low)

Prepared on Feb. 24, 2012

R8C/36T-A Group  
Vcc=3.0V



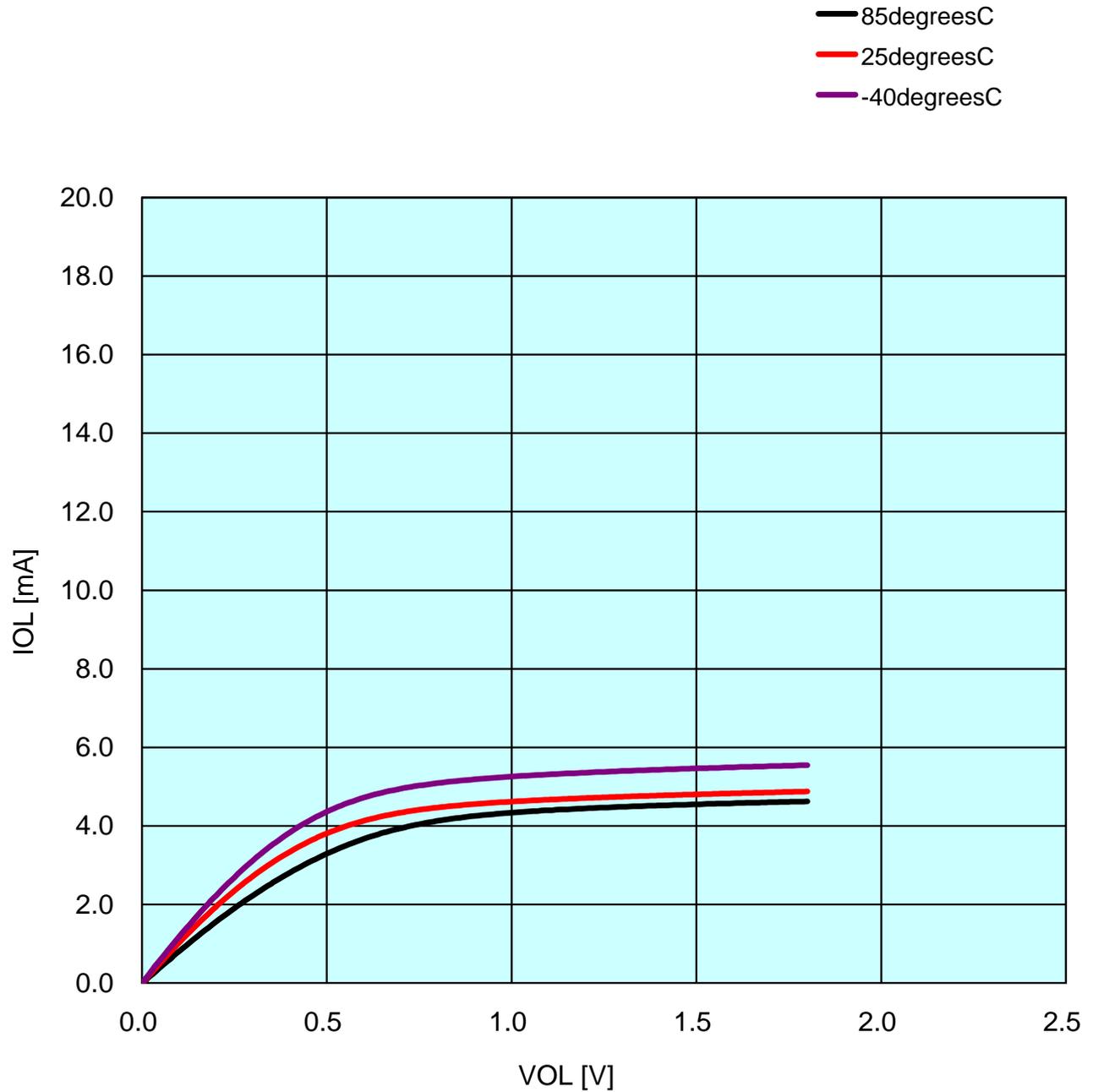
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# IOL vs VOL

(Port Drive Capacity = Low)

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R8C/36T-A Group  
Vcc=1.8V



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