

# **PRODUCT CHANGE NOTICE**

**Data Sheet Specification  
Change for Intersil Products  
CA5420AMZ\***

**Refer to:  
PCN15006**

**Date: February 10, 2015**

February 10, 2015

To: Our Valued Intersil Customers

Subject: **Data Sheet Specification Change for Intersil Products CA5420AMZ\***

This notice is to inform you that Intersil has changed the data sheet specification for the CA5420AMZ\* products. The change is to the Electrical Specification for Large Signal Voltage Gain  $V_o = 0.7V$  to  $3V$  at  $T_A = 25^\circ C$  and  $V_o = 0.7V$  to  $2.5V$  at  $T_A = -55^\circ C$  to  $+125^\circ C$  to a lower limit of 70 dB. The change aligns the data sheet with the product characteristics and is necessary to maintain product manufacturability in support of customer delivery requirements. Details regarding the change is contained on the following page. The updated data sheet is available on the Intersil web site at:

<http://www.intersil.com/content/dam/Intersil/documents/ca54/ca5420a.pdf>:

Products affected:

**CA5420AMZ**                      **CA5420AMZ96**

There have been no changes to the die/silicon or product itself. There will be no change in the external marking of the packaged parts.

Intersil will take all necessary actions to conform to agreed upon customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to receive product electrically screened to the revised data sheet beginning *ninety* days from the date of this notification or earlier with approval.

If you have concerns with this advisory, Intersil must hear from you promptly. Please contact the nearest Intersil Sales Office or call the Intersil Corporate line at 1-888-468-3774, in the United States, or 1-321-724-7143 outside of the United States.

Regards,



June Chan

Intersil Corporation

PCN15006

cc : J.Touvell JK Tan M. Carmody D. Lafontaine P. Lee

# PCN15006 Data Sheet Change

## **From:**

Electrical Specifications  $T_A = +25^\circ\text{C}$ ,  $V_+ = 5\text{V}$ ,  $V_- = 0$ , Unless Otherwise Specified.

PARAMETER	SYMBOL	TEST CONDITIONS	MIN (Note 6)	TYP	MAX (Note 8)	UNITS	NOTES
Large Signal Voltage Gain $V_o = 0.7\text{V to } 3\text{V}$	$A_{OL}$	$R_L = 2\text{k}\Omega$	<b>80</b>	85	-	dB	6

Electrical Specifications  $T_A = -55^\circ\text{C to } +125^\circ\text{C}$ ,  $V_+ = 5\text{V}$ ,  $V_- = 0$ , Unless Otherwise Specified. Boldface limits apply over the operating temperature range,  $-55^\circ\text{C to } +125^\circ\text{C}$ .

PARAMETER	SYMBOL	TEST CONDITIONS	MIN (Note 6)	TYP	MAX (Note 8)	UNITS	NOTES
Large Signal Voltage Gain $V_o = 0.7\text{V to } 2.5\text{V}$	$A_{OL}$	$R_L = 2\text{k}\Omega$	<b>75</b>	80	-	dB	6

## **To:**

Electrical Specifications  $T_A = +25^\circ\text{C}$ ,  $V_+ = 5\text{V}$ ,  $V_- = 0$ , Unless Otherwise Specified.

PARAMETER	SYMBOL	TEST CONDITIONS	MIN (Note 6)	TYP	MAX (Note 8)	UNITS	NOTES
Large Signal Voltage Gain $V_o = 0.7\text{V to } 3\text{V}$	$A_{OL}$	$R_L = 2\text{k}\Omega$	<b>70</b>	85	-	dB	6

Electrical Specifications  $T_A = -55^\circ\text{C to } +125^\circ\text{C}$ ,  $V_+ = 5\text{V}$ ,  $V_- = 0$ , Unless Otherwise Specified. Boldface limits apply over the operating temperature range,  $-55^\circ\text{C to } +125^\circ\text{C}$ .

PARAMETER	SYMBOL	TEST CONDITIONS	MIN (Note 6)	TYP	MAX (Note 8)	UNITS	NOTES
Large Signal Voltage Gain $V_o = 0.7\text{V to } 2.5\text{V}$	$A_{OL}$	$R_L = 2\text{k}\Omega$	<b>70</b>	80	-	dB	6

**Note :** Changed item is shaded in yellow.