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Bulletin Date: 11/14/	Iletin Date: 11/14/2014Bulletin Effective Date: 11/14/2014					
Title: Si5338/35/34/	56 CMOS (in-phase) C	Output Impedanc	e Bulletin			
Originator: Len Staller		Phone: 512-532-5235		Dept: Marketing		
Customer Contact: Kathy Hagar		Phone: 512-532	2-5261	Dept: Inside Sales		
		Bulletin Detail	s			
Description: Silicon Labs is announ Impedance. When the output impedance of Note that CMOS single	e output driver banks the driver is 55 ohms	are configured versus the 50 ol	for CMOS (in-p nms as stated	bhase) format, the typ in the datasheet.	oical	
	et and are <u>not</u> affected					
Workarounds: The higher output imp impedance; however, less than 50 ohms) :						
 Adjust the tra The device do 	complimentary mod ce impedance to 55 es have programmab Contact Silicon Labs f	ohms le registers that	may be used		tion.	
Reason: It was discovered that ohms. While this will consider the impact t Product Identificatio	have minimal impact his could have in thei n:	t on most custon ir application/de	ners, Silicon La esign.		iers to	
				e for complete inform		
	OPN Examples					
OPN Prefix	Tubes or Trays Order (non Tape & Reel opt		Tape & Reel Or OPN ends in ar			
Si5338	Si5338X-A-GM Si5338X-Axxxx-GM Si5338X-B-GM Si5338X-Bxxxxx-GM		515338X-A-GMR 515338X-Axxxxx- 515338X-B-GMR 515338X-Bxxxxx-	GMR		
Si5334	Si5334X-Axxxxx-GM	9	Si5334X-Axxxxx-	GMR	1	
Si5356A, Si5356B	Si5334X-Bxxxxx-GM Si5356X-A-GM Si5356X-Axxxxx-GM Si5356X-B-GM		5i5334X-Bxxxxx- 5i5356X-A-GMR 5i5356X-Axxxxx- 5i5356X-B-GMR	GMR		
Si5335	Si5356X-Bxxxxx-GM Si5335X-Axxxxx-GM	9	Si5345X-Bxxxxx- Si5335X-Axxxxx- Si5225X Bxxxxx	GMR	-	

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Si5335X-Bxxxxx-GM

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Si5335X-Bxxxxx-GMR



Key: (1) X = device or functional grade; (2) xxxxx = NVM or customer specific code.

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <u>www.silabs.com</u>

Customer Actions Needed:

Please see the latest datasheet and associated errata statement. If using CMOS (in-phase) format versus CMOS (complimentary) format, consider the impact a typical 55 ohm output impedance may have on your application/design.

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