

Product Change Notice

Issue Date: 25-May-2022

Change Description:

Electrical parameter specification - Signal-to-(Noise + Distortion) Ratio, SNDR, minimum value across ambient temperature, T_A , to be specified lower.

Parts Affected:

ACPL-C740-000E
ACPL-C740-000ME
ACPL-C740-500E
ACPL-C740-500ME

Description and Extent of Change:

Signal-to-(Noise + Distortion) Ratio, SNDR	Min.	Typ.	Max.	Unit	Test Conditions / Note
Current Specification	65	75	-	dB	$T_A = -40^{\circ}\text{C}$ to $+110^{\circ}\text{C}$
New Specification	62	75	-	dB	$T_A = -40^{\circ}\text{C}$ to $+110^{\circ}\text{C}$

Reasons for Change:

To improve yield at final production test.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

There will not be any form-fit changes. Both quality and reliability of the affected parts are assured.

Effective Date of Change:

Product shipments using this change will begin with date-code starting from 2236 [YYWW].

Qualification Data:

Not applicable.

Software / Firmware Update:

As with all changes please check with your Broadcom FAE to determine if any software or firmware updates are required as a result of this change.

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.