

PCN Number:	20200108000	PCN Date:	Jan. 9, 2020
Title:	Datasheet for CC2640R2F		
Customer Contact:	PCN Manager	Dept:	Quality Services
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details.



CC2640R2F

SWRS204B – DECEMBER 2016 – REVISED JANUARY 2020

Changes from Revision A (January 2017) to Revision B

Page

• Changed Section 1.1 . Added pin-to-pin compatibility to External system bullet.....	1
• Changed Section 1.2	2
• Changed Section 1.3	2
• Deleted Typical Flash Memory Available for Customer Applications table	7
• Changed footnote (2) in Table 3-1	7
• Changed VALUE column in Section 5.2	17
• Changed TYP value for Idle in Section 5.4	18
• Changed TYP value for Peripheral power domain in Section 5.4	18
• Added footnote in Section 5.5	19
• Changed MAX value for Data rate error tolerance in Section 5.6	20
• Changed TYP value for restricted bands FCC in Section 5.7	21
• Changed TYP value for restricted bands FCC in Section 5.9	22
• Changed TYP value for Out-of-band blocking, 3000 MHz to 12.75 GHz in Section 5.10	23
• Changed TYP value for restricted bands FCC in Section 5.11	23
• Changed TYP value for Receiver sensitivity in Section 5.12	23
• Changed TYP value for Receiver saturation in Section 5.12	23
• Changed TYP value for restricted bands FCC in Section 5.13	24
• Changed TYP value for Temperature coefficient in Section 5.17	25
• Changed TYP value for SFDR, VDDS as reference in Section 5.18	26
• Changed TYP value for Offset in Section 5.22	27

The datasheet revision number will be changing.

Device Family	Change From:	Change To:
CC2640R2F	SWRS204A	SWRS204B

These changes may be reviewed at the datasheet link provided.

<http://www.ti.com/product/CC2640R2F>

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a datasheet specification change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this PCN:

None.

Product Affected:			
CC2640R2FRGZR	CC2640R2FRGZT	CC2640R2FRHBR	CC2640R2FRHBT
CC2640R2FRSMR	CC2640R2FRSMT	CC2640R2FYFVR	CC2640R2FYFVT

For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
WW PCN Team	PCN_ww_admin_team@list.ti.com

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI’s products are provided subject to TI’s Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI’s provision of these resources does not expand or otherwise alter TI’s applicable warranties or warranty disclaimers for TI products.