

Notification Number:	20240213004.0		PCN Date:	February 14, 2024	
Title:	TPS6594133A Firmware change				
Customer Contact:	Change Management team		Dept:	Quality Services	
Change Type:					
<input type="checkbox"/>	Assembly Site	<input checked="" type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Process
Notification Details					
Description of Change:					
<p>This notification is to communicate the Firmware change for the TPS6594133A. Affected devices are listed in the Product Affected section of this document.</p> <p>The firmware was updated as follows: Watchdog enabled by default with 13 minute long window Default GPIO9 function changed from GPIO to WD_DISABLE. GPIO9 starts as an input to set WD_PWRHOLD bit, then changes to GPIO output as was previously. TO_ACTIVE sequence changed to 500us delay between LDO3 and BUCK5 LDO2 OV/UV Threshold changed from 5% to 10%</p> <p>As a result, the Register NVM_CODE_2 was changed from 0x03 to 0x05.</p> <p>No hardware external changes are required to support this update.</p>					
Reason for Change:					
Improved device functionality					
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):					
None.					
Product Affected:					
<div style="border: 1px solid black; padding: 2px; display: inline-block;">TPS6594133ARWERQ1</div>					

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.

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.