

## INFORMATIONAL PRODUCT ADVISORY

**DATE:** March 9, 2026  
**RE:** Start up issue.  
**PRODUCT(S):** TPS5410, TPS5420, TPS5430, TPS5431

Dear customer,

TI has become aware of a potential issue with certain product(s) that has been supplied to your organization. This issue may not apply to your particular application. Please find more information below, including contact details in case you have related questions.

Thank you,  
Your TI team

### NOTICE DESCRIPTION

In some specific applications using the TPS54xx product family the product may not start up. If the application design has implemented a resistor on the ENA pin of the TPS54xx product, the ENA voltage may not exceed the turn on threshold during startup. Designs that have floated the ENA pin or use a logic interface that pulls ENA above the turn on threshold may not experience the start up issue.

### SYMPTOMS AND ISOLATION

To identify if your application is affected, check to see if any resistor less than 1.5Mohm is connected to the ENA pin.

### ASSESSMENT

The start up issue may occur at time zero for applications using a resistor tied to the ENA pin with a value less than 1.5Mohm. This only applies to units that were manufactured using the flow which was announced in the 20240424000 and 20231219004 Product Change Notifications (PCNs). To identify existing affected product, check the shipping label for the TI TPS54xx products you have in stock. In the CSO field it will say RFB for affected product. If the customer does not have the shipping label, it is possible to identify affected products by using the top marks on the products. The customer will need to contact their TI representative to decode that information. This will potentially affect all products shipped in the future under the preceding PCNs.

For applications that are affected, this issue is correctable by removing any resistor attached to the ENA pin or by adjusting the resistor value to be above 1.5Mohm. TI will support customers to review the application design to accommodate PCN material. The customer will need to contact their TI representative for this support.

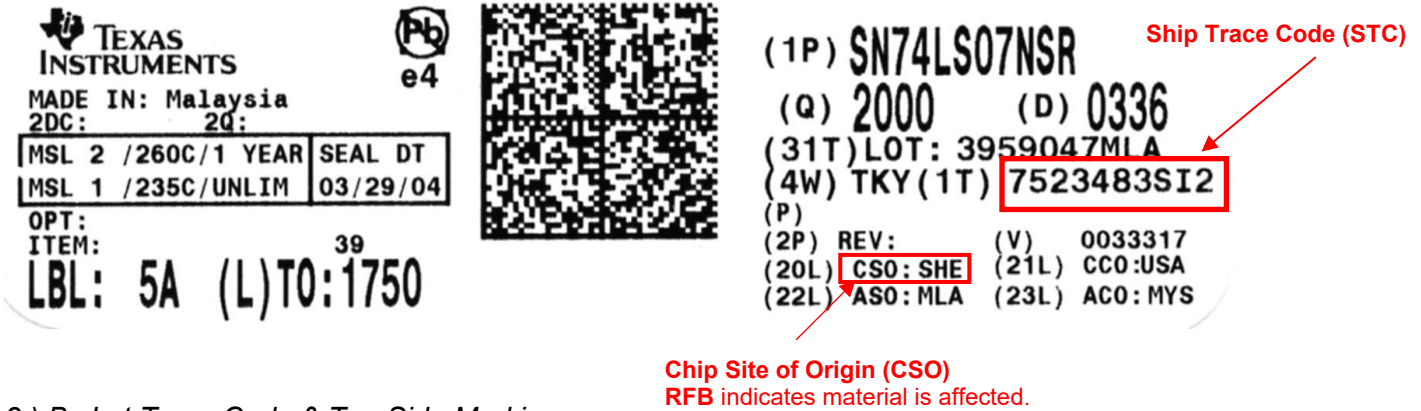
The above estimates may not reflect the actual risk in your application. Your results may vary, based upon your application and/or use conditions.


### REQUESTED ACTIONS

**See attached spreadsheet for a list of the potentially impacted product(s).** Please review your inventory against this list to determine if further actions are necessary. Please see [TI's Terms of Sale at www.ti.com](http://www.ti.com).

**IDENTIFICATION OF POTENTIALLY AFFECTED PRODUCT(S)**
1.) By Ship Trace Code (STC)

The potentially affected product(s) may be identified by comparing the Ship Trace Codes (STC) in the attached spreadsheet (column labeled **STC**) with the Ship Trace Codes (STC) listed on the shipping label of the TI product(s) you have in stock. In addition, in the CSO field it will say RFB for affected units. This will potentially affect all material shipped in the future.




**TEXAS INSTRUMENTS**  
 MADE IN: Malaysia  
 2DC: 2Q:

|                    |          |
|--------------------|----------|
| MSL 2 /260C/1 YEAR | SEAL DT  |
| MSL 1 /235C/UNLIM  | 03/29/04 |

OPT: ITEM: 39  
**LBL: 5A (L)TO:1750**

(1P) SN74LS07NSR  
 (Q) 2000 (D) 0336  
 (31T) LOT: 3959047MLA  
 (4W) TKY (1T) **7523483SI2**  
 (P)  
 (2P) REV: (V) 0033317  
 (20L) **CSO: SHE** (21L) CCO:USA  
 (22L) ASO:MLA (23L) ACO: MYS

**Ship Trace Code (STC)**

**Chip Site of Origin (CSO)**  
**RFB indicates material is affected.**

2.) By Lot Trace Code & Top Side Marking

If the potentially affected product(s) cannot be identified by STC or CSO, the Lot Trace Code (LTC) information symbolized on the top side of the potentially impacted device(s) should be used for product identification. Please work with your Customer Service Representative, if needed.

**CONTACTS**

For technical questions, please use the following contact information for your respective region. If you have safety or security-related concerns, or non-technical questions, please contact your sales & applications team in your region.

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|---------------------|--|
| <b>Americas</b>     | <a href="mailto:IPA_AMERICAS@list.ti.com">IPA_AMERICAS@list.ti.com</a> |
| <b>EMEIA</b>        | <a href="mailto:IPA_EMEIA@list.ti.com">IPA_EMEIA@list.ti.com</a>       |
| <b>Japan</b>        | <a href="mailto:IPA_JAPAN@list.ti.com">IPA_JAPAN@list.ti.com</a>       |
| <b>China</b>        | <a href="mailto:IPA_CHINA@list.ti.com">IPA_CHINA@list.ti.com</a>       |
| <b>Rest of Asia</b> | <a href="mailto:IPA_ROA@list.ti.com">IPA_ROA@list.ti.com</a>           |