

Customer Notification (Information Note)

This is to inform you that minor change will be implemented to the affected product(s) and this notification is for your information.

Change No: IN21009

Title: Change of plating composition for TO-92S products.

Issue Date: 2021/12/22

If you have any questions concerning this change, please contact:

Change Coordinator

Name : Delia Chang

E-Mail: delia.chang@mail.ts.com.tw

Phone: +886-3-928-5017 Ext. 315

Change Originator

Name : Sophia Zhang

E-mail: qa@mail.tew.com.cn

Phone: +86-22-59816699 Ext : 2051

Reliability Engineer

Name : Aiping Zhang

E-mail: aiping@mail.tew.com.cn

Phone: +86-22-59816699 Ext : 2034

Change Type: Change of plating material

Effectivity:

Expected 1st Device Shipment Date: 2022/1/21

Product Category (Description):

TO-92S products

Description of Change:

This IN is being issued to notify customers that Taiwan Semiconductor Co. Ltd qualified a change of assembly lead plating process from bright tin coating to matte tin coating for TO-92S products. Reliability testing has been completed on representative part numbers to ensure that there is no change to device functionality or electrical specifications in the datasheet. There will be no change to the Fit or Function of affected products.

Effect of Change:

There is no impact in product electrical specification, functionality, quality and reliability.

List of Affected Devices:

Detailed list of the products affected by change

Family	Package	Ordering Code
ANALOG IC	TO-92S	TSH181CT B0G
	TO-92S	TSH188CT A3G
	TO-92S	TSH188CT B0G
	TO-92S	TSH190CT B0G
	TO-92S	TSH193CT B0G
	TO-92S	TSH251CT B0G
	TO-92S	TSH253CT B0G
	TO-92S	TSH282CT B0G
	TO-92S	TSH481CT B0G