

Title of Change:	Tray supplier change from ASE to UBOT & PEAK
Effective date:	10 Sep 2022
Contact information:	Contact your local onsemi Sales Office or Jim.Yeh@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Packing
Change Sub-Category(s):	Shipping/Packaging/Marking

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
None	None

Description and Purpose:

Change tray supplier to ensure continuous shipment without delay.

Item	Before Change Description	After Change Description
Package type	QFP14x14	QFP14x14
Tray supplier	ASE	UBOT
Tray pocket dimension	Pocket X (mm) : 14.48+/-0.08 16.5+/-0.13	Pocket X (mm) : 14.44+/-0.05 16.5+/-0.08
Tray pocket dimension	Pocket Y (mm) : 14.48+/-0.08 16.5+/-0.13	Pocket Y (mm) : 14.44+/-0.05 16.5+/-0.08
Tray pocket dimension	Pocket Depth-top (mm) : 1.55+/-0.09 2.36+/-0.13	Pocket Depth-top (mm) : 1.5+/-0.08 2.8+/-0.13
Tray pocket dimension	Pocket Depth-bottom (mm) : 0.87+/-0.09	Pocket Depth-bottom (mm) : 0.92+/-0.08
Tray material	PPE	MPPO=PPE+GF
Effective date	NA	09/10/2022

Item	Before Change Description	After Change Description
Package type	BGA 13x13	BGA 13x13
Tray supplier	ASE	UBOT
Tray dimension	Pitch X (mm) : 15+/-0.13	Pitch X (mm) : 18+/-0.13
Tray dimension	Pitch Y (mm) : 15+/-0.13	Pitch Y (mm) : 18.35+/-0.13
Tray dimension	Pin1 location X (mm) : 15+/-0.13	Pin1 location X (mm) : 12.7+/-0.13
Tray dimension	Pin1 location Y (mm) : 15.45+/-0.13	Pin1 location Y (mm) : 12.9+/-0.13
Tray dimension	Array (PC) : 20x8	Array (PC) : 17x7
Tray pocket dimension	Pocket X (mm) : 13.24+/-0.07 +50°slope	Pocket X (mm) : 13.2+/-0.08
Tray pocket dimension	Pocket Y (mm) : 13.24+/-0.07 +50°slope	Pocket Y (mm) : 13.2+/-0.08
Tray pocket dimension	Pocket Depth-top (mm) : 1.7+/- 0.1	Pocket Depth-top (mm) : 1.95+/- 0.08
Tray pocket dimension	Pocket Depth-bottom (mm) : 2+/-0.13	Pocket Depth-bottom (mm) : 1.75+0.13/-0.08
Tray material	PPE	MPPO=PPE+GF
Effective date	NA	09/10/2022

Item	Before Change Description	After Change Description
Package type	BGA 15x15	BGA 15x15
Tray supplier	ASE	PEAK
Tray pocket dimension	Pocket Depth-top (mm) : 1.5+/-0.13	Pocket Depth-top (mm) : 1.7+/-0.13
Tray pocket dimension	Pocket Depth-bottom (mm) : 1.3+/-0.13	Pocket Depth-bottom (mm) : 1.27+/-0.13
Tray material	PPE	PP6=PPE+GF
Effective date	NA	09/10/2022

List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

LC823450TA-2H	LC823433TA-2H	
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