# TDA2P, DRA7xxP, AM574x Package Discontinued and Redesigned



#### **ABSTRACT**

This document should be used in conjuction with the device data sheet and describes the updated package designator for the indicated devices.

## 1 Package Redesign Details

## **Explanation**

The TDA2P, DRA7xxP, and AM574x devices in the FCCSP package technology were redesigned using a FCBGA package. This FCBGA package offers datasheet-equivalent electrical performance. It is also footprint equivalent to the original package.

When referencing the device data sheet, use the new package designator in place of the discontinued package designator throughout the document.

See the following pages for the updated package drawings

Table 1-1. Package Designator

Old Package Designator	New Package Designator
ACD	АРВ
ABZ	AQF

## **Reason for Discontinuance**

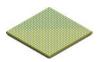
Due to an equipment End-Of-Life notice from our substrate supplier, we are phasing out certain FCCSP packages and offering a Last Time Buy. These devices have now been converted to an FCBGA package.

#### **Devices Affected**

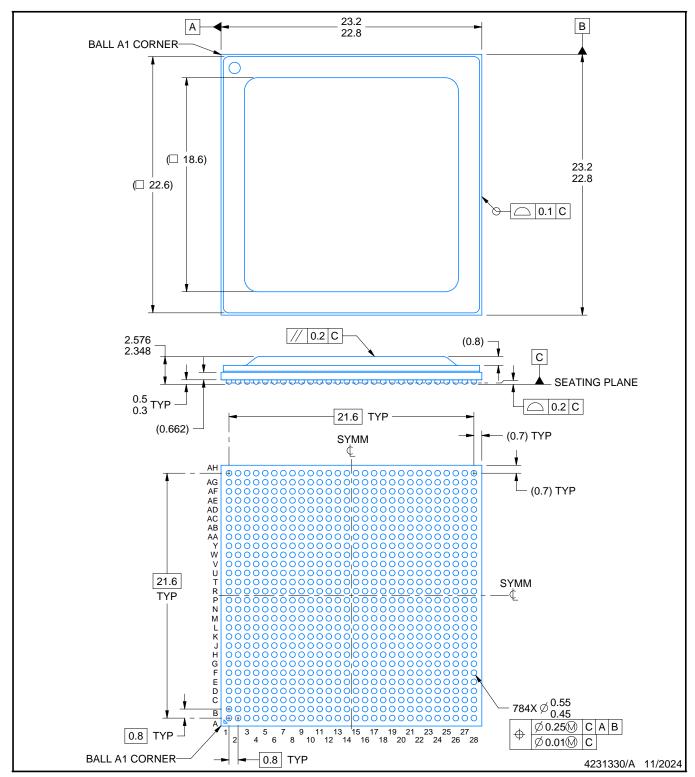
The following table describes the devices affected, the old and new package designators, and references to the device data sheet.

Device	Discontinued Part Number	New Part Number <sup>(1)</sup>	Datasheet
DRA76P	DRA76xPxx <b>ACD</b> Q1	DRA76xPxx <b>APB</b> Q1	SPRS993
DRA77P	DRA77xPxx <b>ACD</b> Q1	DRA77xPxx <b>ACD</b> Q1	SPRS993
TDA2P	TDA2Pxx <b>ACD</b> Q1	TDA2Pxx <b>ACD</b> Q1	SPRS996
DRA74P-ABZ	DRA74xPxx <b>ABZ</b> Q1	DRA74xPxx <b>AQF</b> Q1	SPRS989
DRA75P-ABZ	DRA75xPxx <b>ABZ</b> Q1	DRA75xPxx <b>AQF</b> Q1	SPRS989
TDA2P-ABZ	TDA2Pxx <b>ABZ</b> Q1	TDA2Pxx <b>AQF</b> Q1	SPRS990
AM574x-ABZ	AM574x <b>ABZ</b>	AM574x <b>AQF</b>	SPRS982

<sup>(1)</sup> Note that TI is reducing the overall number of "New Part Numbers" that will be supported, so the old and new part numbers may not be an exact match. Refer to the datasheet "Package Option Addendum" for available part numbers or contact your TI representative to determine the appropriate New Part Number that should be used.



PLASTIC BALL GRID ARRAY



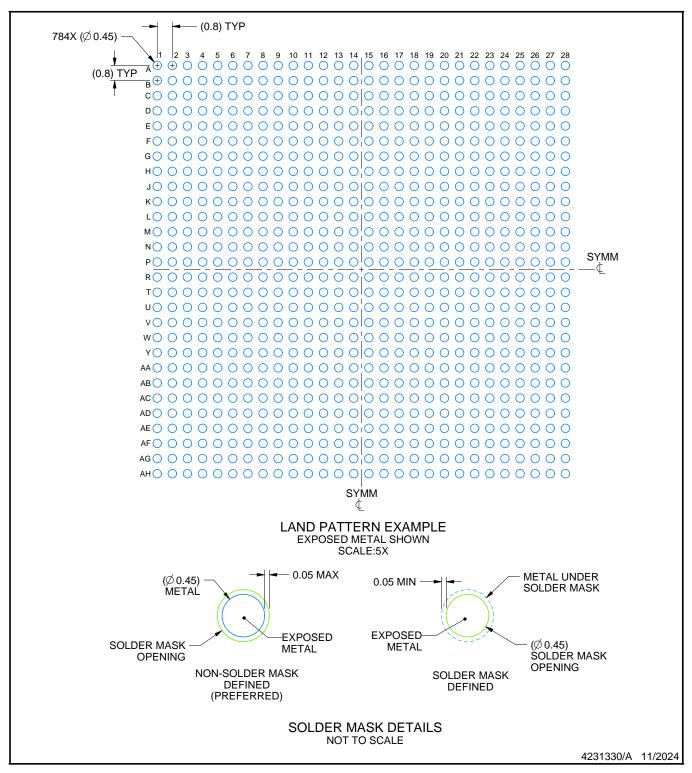
### NOTES:

- 1. All linear dimensions are in millimeters. Any dimensions in parenthesis are for reference only. Dimensioning and tolerancing per ASME Y14.5M.

  2. This drawing is subject to change without notice.



PLASTIC BALL GRID ARRAY

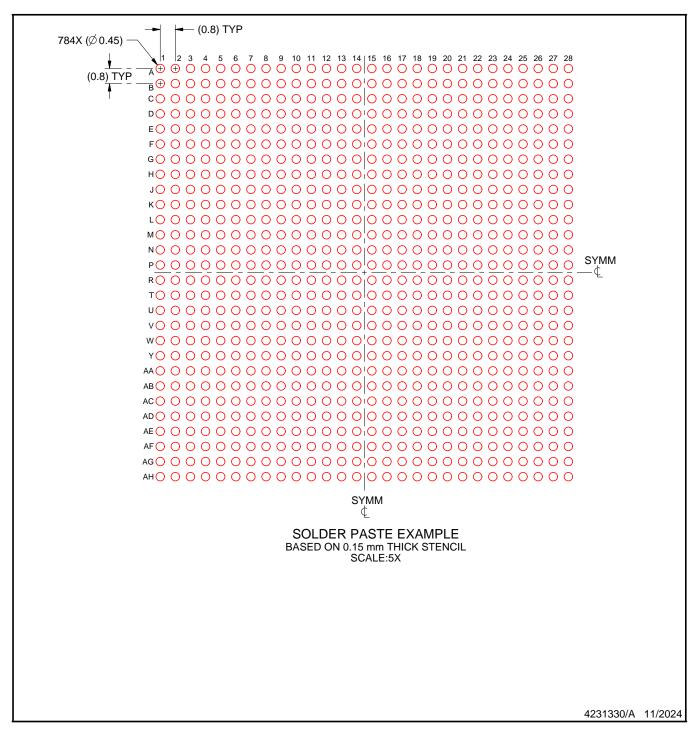


NOTES: (continued)

Final dimensions may vary due to manufacturing tolerance considerations and also routing constraints. For information, see Texas Instruments literature number SPRU811 (www.ti.com/lit/spru811).



PLASTIC BALL GRID ARRAY



NOTES: (continued)

4. Laser cutting apertures with trapezoidal walls and rounded corners may offer better paste release.



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