

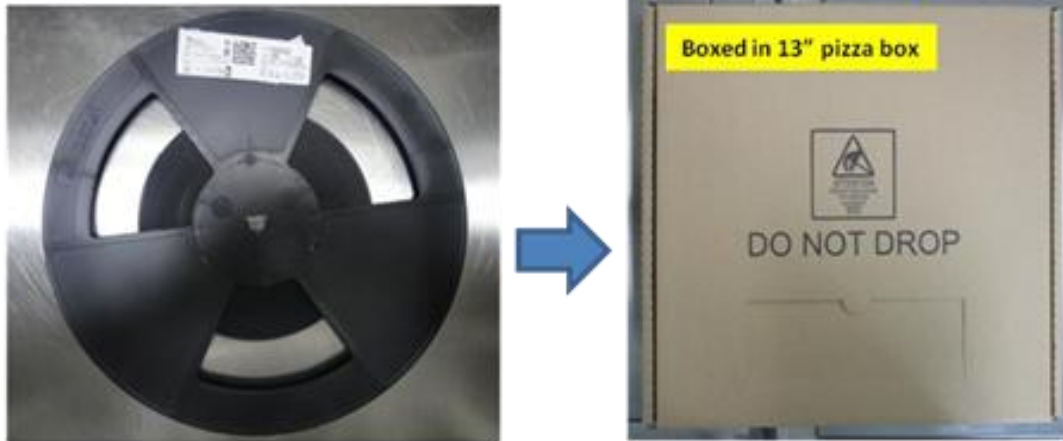
| | | | | | |
|--------------------------|---|-------------------------------------|---------------------------|-------------------------------|--------------------------|
| PCN Number: | 20130905003 | | PCN Date: | 09/12/2013 | |
| Title: | Packing Material change for Select Devices on QFN and VSSOP Package using 12mm Tape Width | | | | |
| Customer Contact: | PCN Manager | Phone: | +1(214) 480-6037 | Dept: Quality Services | |
| Change Type: | | | | | |
| <input type="checkbox"/> | Assembly Site | <input type="checkbox"/> | Assembly Process | <input type="checkbox"/> | Assembly Materials |
| <input type="checkbox"/> | Design | <input type="checkbox"/> | Electrical Specification | <input type="checkbox"/> | Mechanical Specification |
| <input type="checkbox"/> | Test Site | <input checked="" type="checkbox"/> | Packing/Shipping/Labeling | <input type="checkbox"/> | Test Process |
| <input type="checkbox"/> | Wafer Bump Site | <input type="checkbox"/> | Wafer Bump Material | <input type="checkbox"/> | Wafer Bump Process |
| <input type="checkbox"/> | Wafer Fab Site | <input type="checkbox"/> | Wafer Fab Materials | <input type="checkbox"/> | Wafer Fab Process |

PCN Details

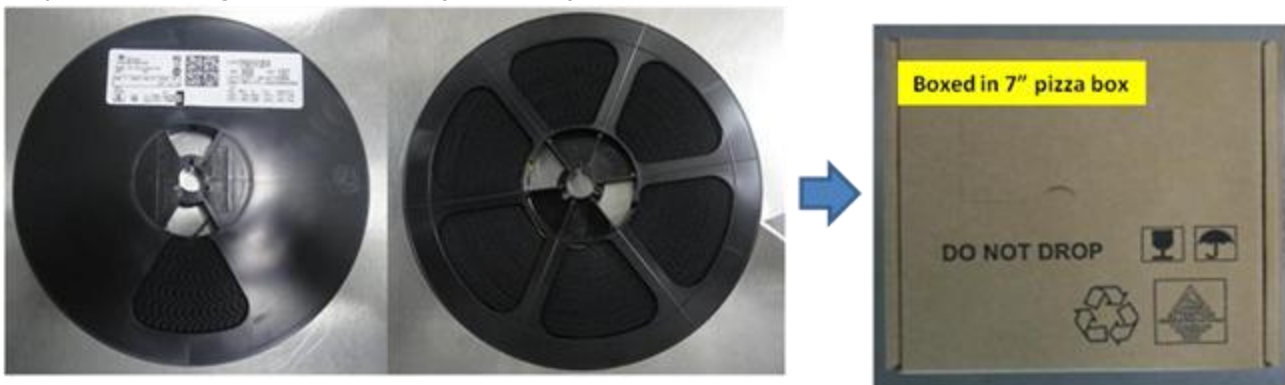
Description of Change:

Packing Material change for Select Devices on QFN and VSSOP Package using 12mm Tape Width. Pack material differences are shown below:

Current Packing for small SPQ (250units) – 13 inch reel diameter



Proposed Packing for small SPQ (250units) – 7 inch reel diameter



| Pack BOM | Current for Full SPQ | | Proposed for Full SPQ | |
|----------|----------------------|------------------------------|-----------------------|-----------------------------|
| | TI /P/N | Details | TI /P/N | Details |
| Reel | 4203160-0011 | C-Pak 13" dia, 12mm width | 4203839-0006 | C-Pak 7" dia, 12mm width |

(See Appendix A for 7 Inch diameter Reel Detail)

Reason for Change:

Continuity of supply.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

None

Changes to product identification resulting from this PCN:

None

Product Affected:

| | | | |
|-----------------|------------------|------------------|------------------|
| ADS7816E/250 | ADS8317IBDGKT G4 | ADS8326IDGKT | DAC8551IADGKT G4 |
| ADS7816E/250G4 | ADS8317IDGKT | ADS8326IDGKT G4 | DAC8551IDGKT |
| ADS7816EB/250 | ADS8317IDGKT G4 | CC1100ERGPT | DAC8551IDGKT G4 |
| ADS7816EB/250G4 | ADS8318IBDGST | CC110LRGPT | DAC8552IDGKT |
| ADS7816EC/250 | ADS8318IBDGST G4 | CC113LRGPT | DAC8552IDGKT G4 |
| ADS7816EC/250G4 | ADS8318IDGST | CC115LRGPT | DAC8560IADGKT |
| ADS7817E/250 | ADS8318IDGST G4 | CDCLVD1204RGTT | DAC8560IADGKT G4 |
| ADS7817E/250G4 | ADS8319IBDGST | CDCLVD1213RGTT | DAC8560IBDGKT |
| ADS7817EB/250 | ADS8319IDGST | CDCLVD2102RGTT | DAC8560IBDGKT G4 |
| ADS7817EB/250G4 | ADS8320E/250 | CDCLVP1102RGTT | DAC8560ICDGKT |
| ADS7817EC/250 | ADS8320E/250G4 | CDCLVP1204RGTT | DAC8560ICDGKT G4 |
| ADS7817EC/250G4 | ADS8320EB/250 | CDCLVP2102RGTT | DAC8560IDDGKT |
| ADS7822E/250 | ADS8320EB/250G4 | DAC7811IDGST | DAC8560IDDGKT G4 |
| ADS7822E/250G4 | ADS8321E/250 | DAC7811IDGST G4 | DAC8801IDGKT |
| ADS7822EB/250 | ADS8321E/250G4 | DAC8550IBDGKT | DAC8801IDGKT G4 |
| ADS7822EB/250G4 | ADS8321EB/250 | DAC8550IBDGKT G4 | DAC8811IBDGKT |
| ADS7822EC/250 | ADS8321EB/250G4 | DAC8550IDGKT | DAC8811IBDGKT G4 |
| ADS7822EC/250G4 | ADS8326IBDGKT | DAC8550IDGKT G4 | DAC8811ICDGKT |
| ADS8317IBDGKT | ADS8326IBDGKT G4 | DAC8551IADGKT | DAC8811ICDGKT G4 |



Plastic Reel Qualification (QSS 003-008)

A/T Site: MALAYSIA

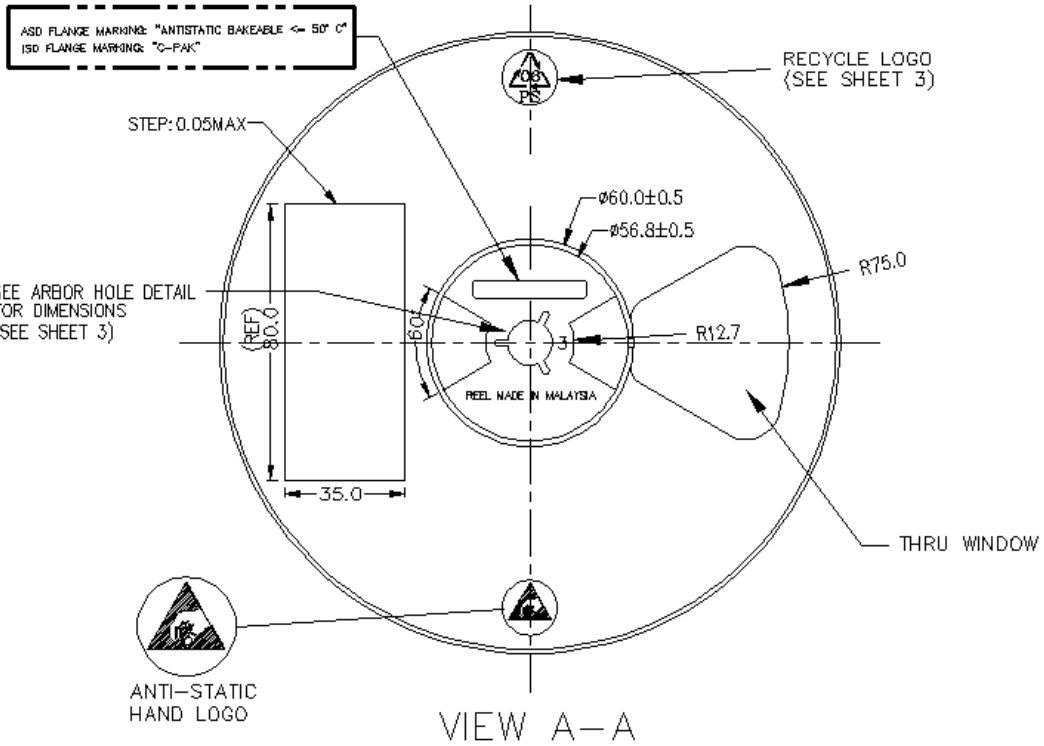
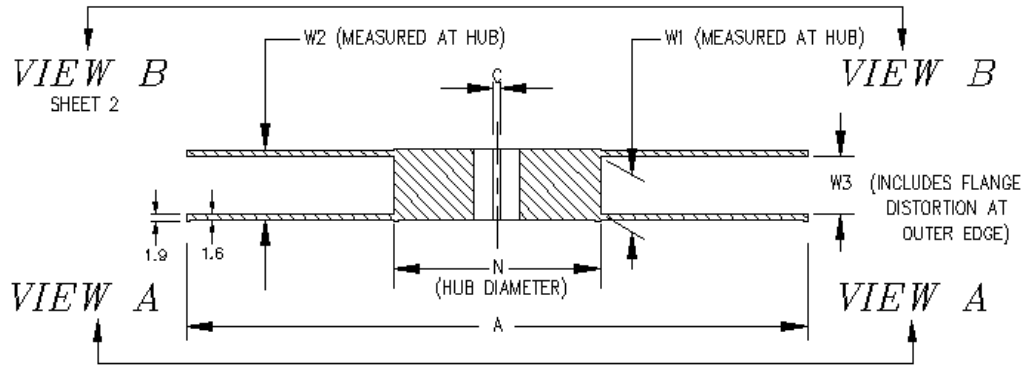
| | |
|----------------------------|------------------------------------|
| Supplier: | C-PAK |
| Vendor Part No: | 7E2M12BKCP/ASL |
| Material: | Antistatic Dipped PS |
| Designed per EIA-481B | Yes (yes/no) |
| Intrinsically Static Diss. | No (yes/no) |
| Weight (g) | n/a |
| Color: | Black |
| TI Part No: | 4203839-0006 (if available) |
| Result: | PASS |
| Date: | 13th Dec 2006 |

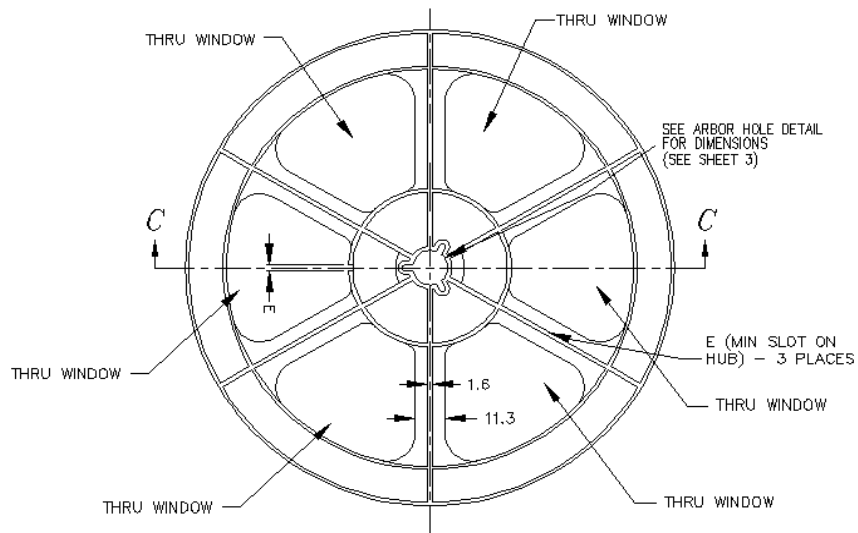
| | | |
|---|-------------|---------------|
| I. First Article Inspection Test | <u>PASS</u> | (Pass / Fail) |
| II. Surface Resistivity Test | <u>PASS</u> | |
| III. Dimensional Test | <u>PASS</u> | |
| IV. Warpage | <u>PASS</u> | |
| V. Manufacturability Test | <u>PASS</u> | |
| VI. Drop Test | <u>PASS</u> | |

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

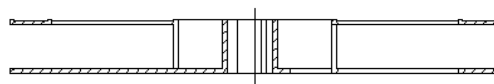
| Location | E-Mail |
|--------------|--|
| USA | PCNAmericasContact@list.ti.com |
| Europe | PCNEuropeContact@list.ti.com |
| Asia Pacific | PCNAsiaContact@list.ti.com |
| Japan | PCNJapanContact@list.ti.com |

Appendix A 7 Inch Reel Drawing (TI P/N: 4203839-0006)

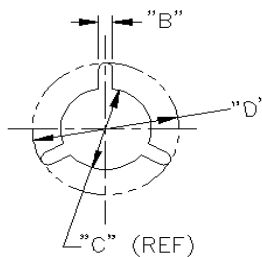




VIEW B-B
BACK VIEW



SECTION C-C



ARBOR HOLE



STATIC DISSIPATIVE
(BLACK)

RECYCLE SYMBOL DESCRIPTION

| MAT'L REV LTR | PART NUMBER | SUPPLIER PART NUMBER | MATL TYPE | ESD TYPE | TAPE SIZE (MM) | A (MAX) | B (MIN) | C (±0.2) | D (MIN) | E | N (MIN) | W1 | W2 (MAX) | W3 (MIN,MAX) |
|---------------------|--------------|----------------------|--------------|-------------|-------------------|------------|------------|-------------|------------|---------|------------|---------------|-------------|-----------------|
| A | 4203839-0005 | 7E2 M08 BK CP/ASL | PS | ASD | 8.0 | 180 | 1.5 | 13.0 | 20.2 | 4.0±0.1 | 60.0 | 8.4 +1.5/-0.0 | 14.4 | 7.9/10.9 |

ASD = Anti Static Dip