



## Product Change Notification: BLAS-07ICWM552

### Date:

13-May-2026

### Product Category:

Current And Power Measurement Ics

### Notification Subject:

CCB 8182 Initial Notice: Qualification of UNIS as a new final test site and scan and pack site for PAC1931T-I/J6CX, PAC1932T-I/J6CX, PAC1933T-I/J6CX, PAC1934T-I/J6CX, PAC1941T-1E/J6CX, PAC1941T-2E/J6CX, PAC1942T-1E/J6CX, PAC1942T-2E/J6CX, PAC1943T-E/J6CX, PAC1944T-E/J6CX, PAC1951T-1E/J6CX, PAC1951T-2E/J6CX, PAC1952T-1E/J6CX, PAC1952T-2E/J6CX, PAC1953T-E/J6CX PAC1954T-E/5SW and PAC1954T-E/J6CX catalog part number(s) available in 16L WLCSP (2.215x2.16x0.7mm) and 16L WLCSP (2.225x2.17mm) package.

### Affected CPNs:

[BLAS-07ICWM552\\_Affected\\_CPN\\_05132026.pdf](#)  
[BLAS-07ICWM552\\_Affected\\_CPN\\_05132026.csv](#)

**PCN Status:** Initial Notification

**PCN Type:** Manufacturing Change

**Microchip Parts Affected:** Please open one of the files found in the Affected CPNs section.  
Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:** Qualification of UNIS as a new final test site and scan and pack site for PAC1931T-I/J6CX, PAC1932T-I/J6CX, PAC1933T-I/J6CX, PAC1934T-I/J6CX, PAC1941T-1E/J6CX, PAC1941T-2E/J6CX, PAC1942T-1E/J6CX, PAC1942T-2E/J6CX, PAC1943T-E/J6CX, PAC1944T-E/J6CX, PAC1951T-1E/J6CX, PAC1951T-2E/J6CX, PAC1952T-1E/J6CX, PAC1952T-2E/J6CX, PAC1953T-E/J6CX PAC1954T-E/5SW and PAC1954T-E/J6CX catalog part number(s) available in 16L WLCSP (2.215x2.16x0.7mm) and 16L WLCSP (2.225x2.17mm) package.

### Pre and Post Summary Changes:

|  | Pre Change | Post Change | Change (Yes/No) |
|--|------------|-------------|-----------------|
|  |            |             |                 |

|                                |  |  |     |
|--------------------------------|--|--|-----|
| <b>Final Test Site</b>         | Microchip Technology Thailand (HQ) (MTAI)                          | Unisem (M) Berhad Perak, Malaysia (UNIS) | Yes |
| <b>Scan and Pack Site</b>      | ASE Inc. (ASE)   | Unisem (M) Berhad Perak, Malaysia (UNIS) | Yes |
| <b>Plastic Reel</b>            | Has dimensional change.<br>See Pre and Post Change for Comparison. |  | Yes |
| <b>Packing Method/Material</b> | See Pre and Post Change for Comparison.                            |  | Yes |

**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improve productivity and on-time delivery performance by qualifying UNIS as a new final test site and scan and pack site.

**Change Implementation Status:** In Progress

**Estimated Qualification Completion Date:** June 2026

**Note:** Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Timetable Summary:**

|                                 | May 2026 |    |    |    |    | June 2026 |    |    |    |    |
|---------------------------------|----------|----|----|----|----|-----------|----|----|----|----|
| Work Week                       | 18       | 19 | 20 | 21 | 22 | 23        | 24 | 25 | 26 | 27 |
| <b>Initial PCN Issue Date</b>   |          |    | X  |    |    |           |    |    |    |    |
| <b>Qual Report Availability</b> |          |    |    |    |    |           |    | X  |    |    |
| <b>Final PCN Issue Date</b>     |          |    |    |    |    |           |    | X  |    |    |

**Method to Identify Change:** Traceability Code

**Qualification Plan:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:** May 13, 2026: Issued initial notification.

**Note:** The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

**Attachments:**

**PCN\_BLAS-071CWM552\_Qualification\_Plan\_.pdf**

**PCN\_BLAS-071CWM552 PRE AND POST CHANGE SUMMARY.pdf**

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

**Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN):

PAC1942T-1E/J6CX

PAC1942T-2E/J6CX

PAC1943T-E/J6CX

PAC1944T-E/J6CX

PAC1951T-1E/J6CX

PAC1951T-2E/J6CX

PAC1952T-1E/J6CX

PAC1952T-2E/J6CX

PAC1953T-E/J6CX

PAC1954T-E/5SW

PAC1954T-E/J6CX

PAC1931T-I/J6CX

PAC1932T-I/J6CX

PAC1933T-I/J6CX

PAC1934T-I/J6CX

PAC1941T-1E/J6CX

PAC1941T-2E/J6CX

**CCB 8182**  
**Pre and Post Change Summary**  
**PCN #: BLAS-07ICWM552**



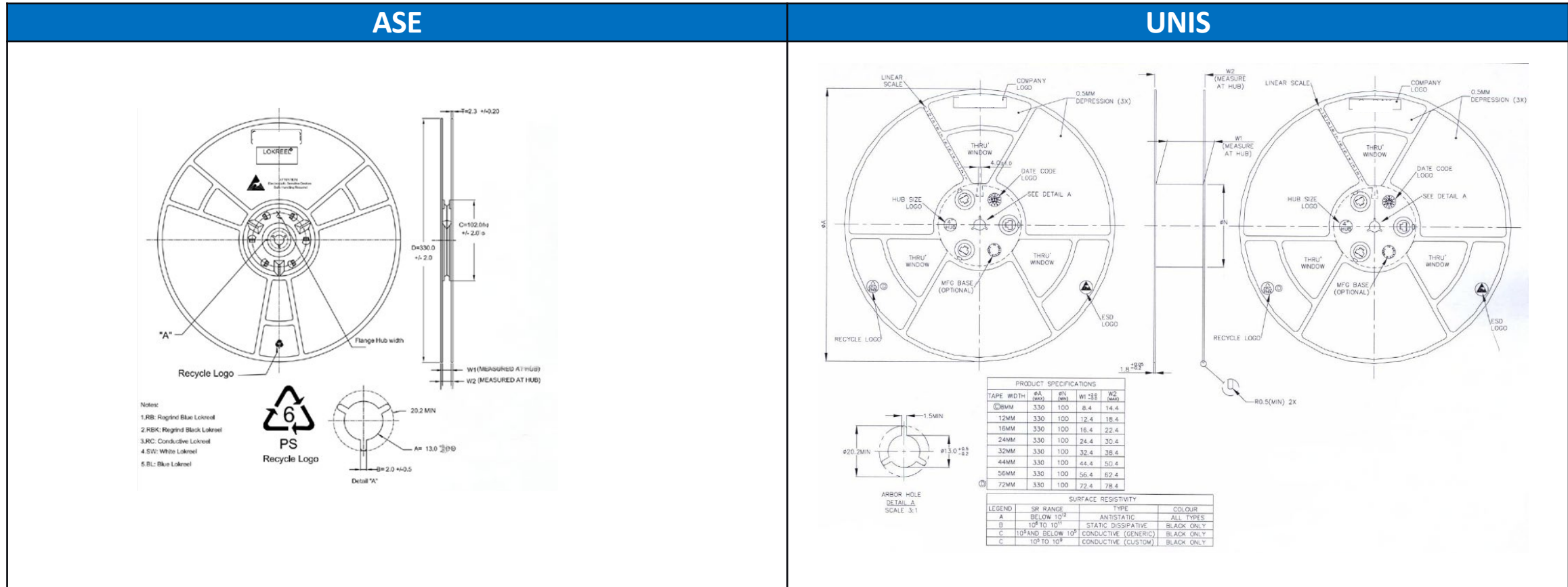
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A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



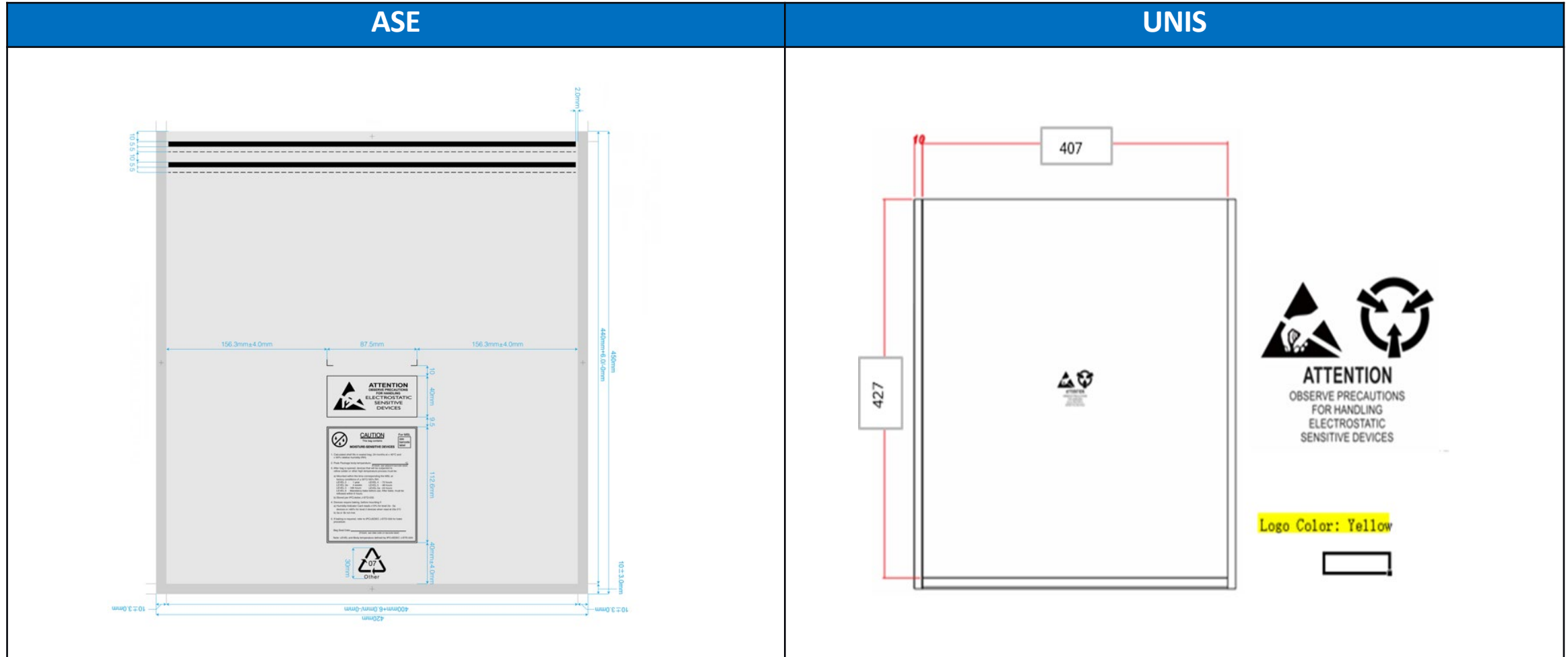
SMART | CONNECTED | SECURE

# Pre and Post Change Summary – Plastic Reel - 16L WLCSP (2.225x2.17mm)









| Plant | Reel Diameter(mm) | Reel Hub Size(mm) | Reel Width Min (mm) | Reel Width Max (mm) | Color |
|-------|-------------------|-------------------|---------------------|---------------------|-------|
| ASE   | 330               | 102               | 8.8mm+1.1/-0.4      | 14.4mm              | WHITE |
| UNIS  | 330               | 100 (min)         | 8.8mm+2.0/-0.0      | 14.4mm              | BLACK |

# Packing Method/Material – Bag - 16L WLCSP (2.225x2.17mm)

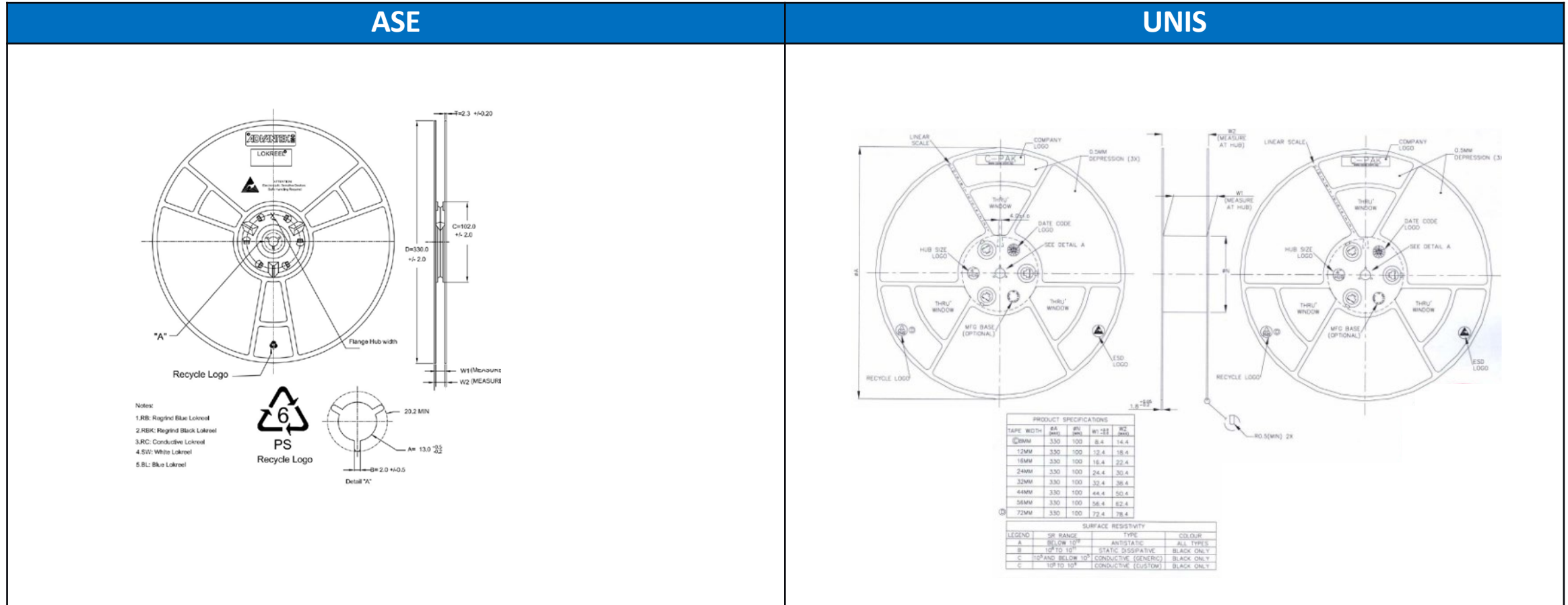


| Plant | Bag type          | Length (mm) | Width (mm) | Thickness (mm) |
|-------|-------------------|-------------|------------|----------------|
| ASE   | Drypack bag       | 450         | 420        | 0.18           |
| UNIS  | Static Shield Bag | 427         | 407        | 0.08           |

# Packing Method/Material – MSL-1 - 16L WLCSP (2.225x2.17mm)

| ASE   |   |   | UNIS   |   |                |               |   |  |           |           |                |               |
|---|---|---|--|---|----------------|---------------|---|--|-----------|-----------|----------------|---------------|
| 1   |  | 3 |  |   |                |               |   |  |           |           |                |               |
| 2   |  |   | 1  |  |                |               |   |  |           |           |                |               |
|   |   |   | 2  |  |                |               |   |  |           |           |                |               |
|   |   |   | 3  |  |                |               |   |  |           |           |                |               |
| <table border="1" data-bbox="509 928 886 1106"> <tr><th>Inner box</th></tr> <tr><th>Dimension</th></tr> <tr><th>W x L x H (cm)</th></tr> <tr><td>37.0X35.1X5.3</td></tr> </table> |   |   | Inner box  | Dimension   | W x L x H (cm) | 37.0X35.1X5.3 | <table border="1" data-bbox="1727 902 2033 1078"> <tr><th>Inner box</th></tr> <tr><th>Dimension</th></tr> <tr><th>W x L x H (cm)</th></tr> <tr><td>37.0X35.1X5.3</td></tr> </table> |  | Inner box | Dimension | W x L x H (cm) | 37.0X35.1X5.3 |
| Inner box   |   |   |  |   |                |               |   |  |           |           |                |               |
| Dimension   |   |   |  |   |                |               |   |  |           |           |                |               |
| W x L x H (cm)  |   |   |  |   |                |               |   |  |           |           |                |               |
| 37.0X35.1X5.3   |   |   |  |   |                |               |   |  |           |           |                |               |
| Inner box   |   |   |  |   |                |               |   |  |           |           |                |               |
| Dimension   |   |   |  |   |                |               |   |  |           |           |                |               |
| W x L x H (cm)  |   |   |  |   |                |               |   |  |           |           |                |               |
| 37.0X35.1X5.3   |   |   |  |   |                |               |   |  |           |           |                |               |







# Packing Method/Material – Plastic Reel - 16L WLCSP (2.215x2.16x0.7mm)



| Plant | Reel Diameter(mm) | Reel Hub Size(mm) | Reel Width Min (mm) | Reel Width Max (mm) | Color |
|-------|-------------------|-------------------|---------------------|---------------------|-------|
| ASE   | 330               | 102               | 8.8mm+1.1/-0.4      | 14.4mm              | WHITE |
| UNIS  | 330               | 100 (min)         | 8.8mm+2.0/-0.0      | 14.4mm              | BLACK |



# Packing Method/Material – MSL-1 - 16L WLCSP (2.215x2.16x0.7mm)

| ASE  |   | UNIS      |  |           |                |               |  |  |           |  |           |                |               |
|--|---|-----------|--|-----------|----------------|---------------|--|--|-----------|--|-----------|----------------|---------------|
| 1  |  | 3         |    |           |                |               |  |  |           |  |           |                |               |
| 2  |  |           | <div style="display: flex; justify-content: space-around;"> <div> <p>1</p>  </div> <div> <p>2</p>  </div> </div> <div style="margin-top: 20px;"> <p>3</p>  </div> |           |                |               |  |  |           |  |           |                |               |
| <table border="1" style="margin: auto;"> <tr><th colspan="2">Inner box</th></tr> <tr><td>Dimension</td></tr> <tr><td>W x L x H (cm)</td></tr> <tr><td>37.0X35.1X5.3</td></tr> </table> |   | Inner box |  | Dimension | W x L x H (cm) | 37.0X35.1X5.3 | <table border="1" style="margin: auto;"> <tr><th colspan="2">Inner box</th></tr> <tr><td>Dimension</td></tr> <tr><td>W x L x H (cm)</td></tr> <tr><td>37.0X35.1X5.3</td></tr> </table> |  | Inner box |  | Dimension | W x L x H (cm) | 37.0X35.1X5.3 |
| Inner box  |   |           |  |           |                |               |  |  |           |  |           |                |               |
| Dimension  |   |           |  |           |                |               |  |  |           |  |           |                |               |
| W x L x H (cm)   |   |           |  |           |                |               |  |  |           |  |           |                |               |
| 37.0X35.1X5.3  |   |           |  |           |                |               |  |  |           |  |           |                |               |
| Inner box  |   |           |  |           |                |               |  |  |           |  |           |                |               |
| Dimension  |   |           |  |           |                |               |  |  |           |  |           |                |               |
| W x L x H (cm)   |   |           |  |           |                |               |  |  |           |  |           |                |               |
| 37.0X35.1X5.3  |   |           |  |           |                |               |  |  |           |  |           |                |               |



**MICROCHIP**

## **QUALIFICATION PLAN SUMMARY**

**PCN #: BLAS-07ICWM552**

**Date:  
April 27, 2026**

**Qualification of UNIS as a new final test site and scan and pack site for  
PAC1952T-2E/J6CX and PAC1954T-E/J6CX catalog part number(s)  
available in 16L WLCSP (2.215x2.16x0.7mm) package.**

**Purpose:** Qualification of UNIS as a new final test site and scan and pack site for PAC1952T-2E/J6CX and PAC1954T-E/J6CX catalog part number(s) available in 16L WLCSP (2.215x2.16x0.7mm) package.

**CCB No.:** 8182

| Test Name                                | Test Conditions  | Sample Size | Qty of Lots | Fail/Accept Criteria |
|--|--|-------------|-------------|----------------------|
| Bin to Bin Correlation                   | Since CP3 includes option-specific trimming, one wafer will be trimmed at MTAI and another at UNIS.  | 2 wafers    | 1           | ≤0.5%                |
| Yield Comparison                         | Results from both sites will be compared against the trim test data and must agree within ±0.5% for Bin-to-Bin correlation and ±2% for yield comparison.   | 2 wafers    | 1           | ≤2%                  |
| Parametric / Characterization Comparison | Test 33 known-good dice at the original site using the DC parameters specified in the datasheet.<br><br>Transfer these dice to the new site and retest them using the same DC test conditions.<br><br>The results must fall within ±10% of the values measured at the original site. | 33          | 1           | ≤10.0%               |
| Correlation Lot Report                   | Yield at each step and reject analysis between systems. 33 units are tested as lot correlation.  | 33          | 1           | ≤0.1%                |