



Product Change Notification / CENO-07IFFY616

Date:

27-Sep-2022

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3192.010 Final Notice: Qualification of MMT as a new final test site for SY89113UMY, SY89113UMY-TR, SY89112UMY and SY89112UMY-TR catalog part numbers (CPN) available in 44L VQFN (7x7x1.0mm) package.

Affected CPNs:

[CENO-07IFFY616_Affected_CPN_09272022.pdf](#)

[CENO-07IFFY616_Affected_CPN_09272022.csv](#)

Notification Text:

PCN Status:Final 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 MMT as a new final test site for SY89113UMY,SY89113UMY-TR, SY89112UMY and SY89112UMY-TR catalog part numbers (CPN) available in 44L VQFN (7x7x1.0mm) package.

Pre and Post Change Summary:

Final PCN Issue Date						x						
Estimated Implementation Date								x				

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:September 27, 2022: Issued final notification.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

- [PCN_CENO-07IFFY616_Qualification_Report.pdf](#)
- [PCN_CENO-07IFFY616_Pre and Post Change Summary.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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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.



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN # CENO-07IFFY616

Date

August 24, 2022

Qualification of MMT as a new final test site for SY89113UMY, SY89113UMY-TR, SY89112UMY and SY89112UMY-TR catalog part numbers (CPN) available in 44L VQFN (7x7x1.0mm) package.

Purpose: Qualification of MMT as a new final test site for SY89113UMY, SY89113UMY-TR, SY89112UMY and SY89112UMY-TR catalog part numbers (CPN) available in 44L VQFN (7x7x1.0mm) package.

CCB No. : 3192.010

Test Name	Test Conditions/Parameters	Results
Correlation Plan	<p>50 correlation units of each device type (original site/tester to new site/tester). Parametric correlation of ATE measured data sheet parameters</p> <p>5,000 units yield sample for bin comparison (original site/tester to new site/tester).</p> <p>50 untested units sample (new site/tester to original site/tester) for bin comparison and correlation.</p>	PASSED
Equipment Correlation Plan	Perform final test at original site record yield and bin data. Perform same final test using the same units at destination site. Compare data.	PASSED

CCB 3192.010
Pre and Post Change Summary
PCN #: CENO-07IFFY616

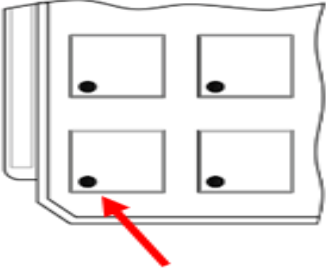
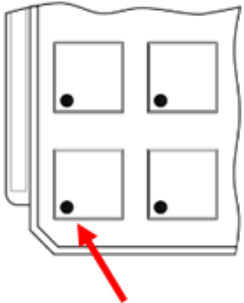


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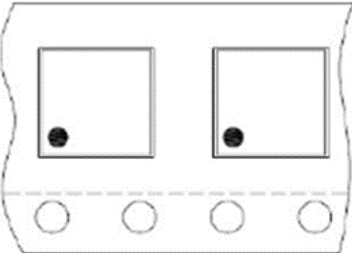
Tray – BQM and Pin 1 Orientation

	UNIS	MMT
Base Quantity Multiple (BQM)	260 per tray	260 per tray
Pin1 Orientation	 <p>Pin 1</p> <p>Near tray chamfer</p>	 <p>Pin 1</p> <p>Near tray chamfer</p>

Tray – Packing Method

	UNIS	MMT																																														
Antistatic Shielding Bag/Moisture Barrier Bag/Packing Process	<p>Inner Box</p>	<p>Inner Box</p>																																														
Carton Box	<p>Outer Box:</p> <table border="1"> <thead> <tr> <th colspan="2">Inner box</th> <th colspan="2">Carton</th> <th rowspan="2">Number of Inner box(es) per carton</th> </tr> <tr> <th>Drawing number</th> <th>Dimension W x L x H (cm)</th> <th>Drawing number</th> <th>Dimension W x L x H (cm)</th> </tr> </thead> <tbody> <tr> <td rowspan="4">M02-012</td> <td rowspan="4">16.2x37.1x8.8</td> <td>M01-044 (SM)</td> <td>37.0x38.0x11.0</td> <td>2 : 1</td> </tr> <tr> <td>M01-045 (S4)</td> <td>37.0x38.0x22.5</td> <td>4 : 1</td> </tr> <tr> <td>M01-042 (Q4)</td> <td>34.5x39.2x19.5</td> <td>4 : 1</td> </tr> <tr> <td>M01-046 (S5)</td> <td>37.0x39.0x39.0</td> <td>8 : 1</td> </tr> </tbody> </table>	Inner box		Carton		Number of Inner box(es) per carton	Drawing number	Dimension W x L x H (cm)	Drawing number	Dimension W x L x H (cm)	M02-012	16.2x37.1x8.8	M01-044 (SM)	37.0x38.0x11.0	2 : 1	M01-045 (S4)	37.0x38.0x22.5	4 : 1	M01-042 (Q4)	34.5x39.2x19.5	4 : 1	M01-046 (S5)	37.0x39.0x39.0	8 : 1	<p>Outer Box:</p> <table border="1"> <thead> <tr> <th colspan="2">Inner box</th> <th colspan="2">Carton</th> <th rowspan="2">Number of Inner box(es) per carton</th> </tr> <tr> <th>Drawing number</th> <th>Dimension W x L x H (cm)</th> <th>Drawing number</th> <th>Dimension W x L x H (cm)</th> </tr> </thead> <tbody> <tr> <td rowspan="4">M02-012</td> <td rowspan="4">16.2x37.1x8.8</td> <td>M01-044 (SM)</td> <td>37.0x38.0x11.0</td> <td>2 : 1</td> </tr> <tr> <td>M01-045 (S4)</td> <td>37.0x38.0x22.5</td> <td>4 : 1</td> </tr> <tr> <td>M01-042 (Q4)</td> <td>34.5x39.2x19.5</td> <td>4 : 1</td> </tr> <tr> <td>M01-046 (S5)</td> <td>37.0x39.0x39.0</td> <td>8 : 1</td> </tr> </tbody> </table>	Inner box		Carton		Number of Inner box(es) per carton	Drawing number	Dimension W x L x H (cm)	Drawing number	Dimension W x L x H (cm)	M02-012	16.2x37.1x8.8	M01-044 (SM)	37.0x38.0x11.0	2 : 1	M01-045 (S4)	37.0x38.0x22.5	4 : 1	M01-042 (Q4)	34.5x39.2x19.5	4 : 1	M01-046 (S5)	37.0x39.0x39.0	8 : 1
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Tape and Reel – BQM and Pin 1 Orientation

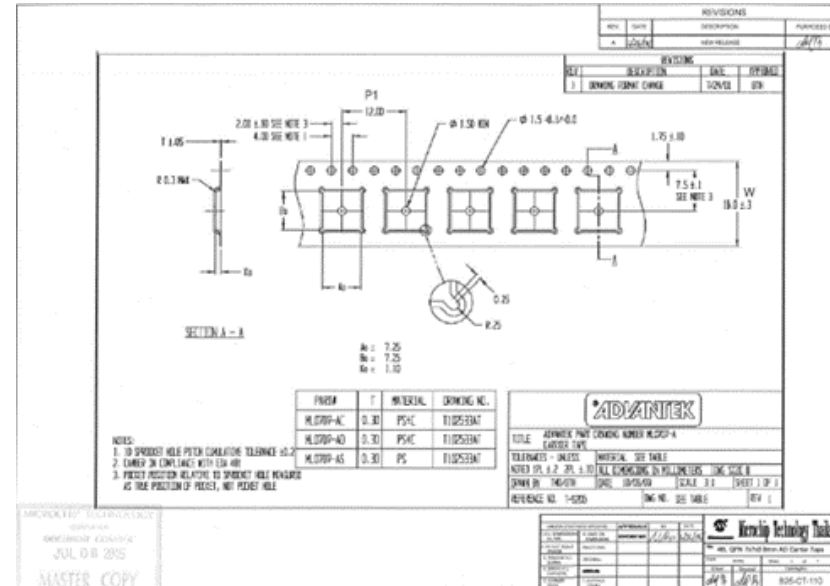
	UNIS	MMT
Base Quantity Multiple (BQM)	1000 per reel	1000 per reel
Pin1 Orientation	No change (MTAI packing units)	 <p>Pin 1 Orientation in T/R Quadrant 2</p>

Tape and Reel – Carrier Tape

UNIS

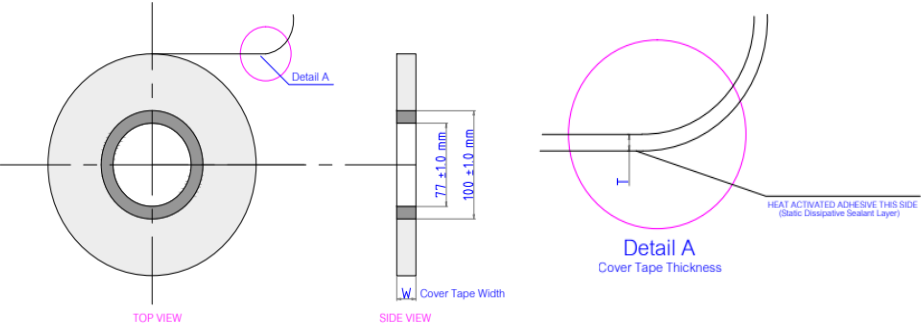
MMT

No change (MTAI packing units)



Width (mm) ±0.30	Pitch (mm) ±0.10	A0 ±0.1	B0 ±0.1	K0 ±0.1
16	12	7.25	7.25	1.10

Tape and Reel – Cover Tape

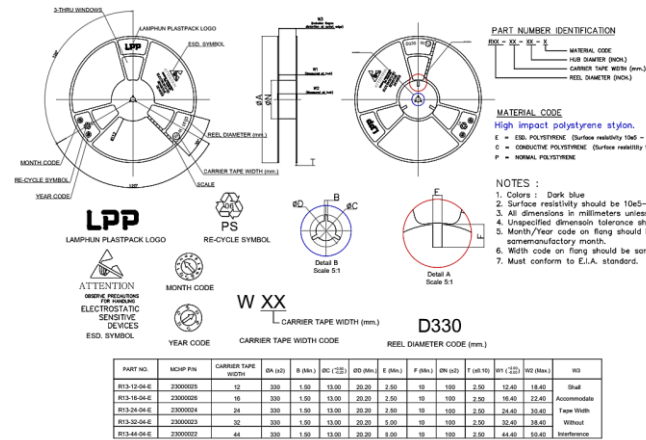
UNIS	MMT						
<p>No change (MTAI packing units)</p>	 <p>The technical drawings show a circular cover tape with a central hole. The top view shows a hole diameter of 7.7 ± 1.0 mm and an outer diameter of 10.0 ± 1.0 mm. The side view shows a thickness of 0.050 ± 0.1 mm. Detail A shows the adhesive layer, which is heat-activated and has a static dissipative resistant layer.</p> <table border="1" data-bbox="1375 949 2127 1135"> <thead> <tr> <th>Cover Tape Width (mm)</th> <th>Cover Tape Thickness (mm)</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>13.3 ± 0.1</td> <td>0.050 ± 0.1</td> <td>Clear</td> </tr> </tbody> </table>	Cover Tape Width (mm)	Cover Tape Thickness (mm)	Color	13.3 ± 0.1	0.050 ± 0.1	Clear
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Tape and Reel – Plastic Reel

UNIS

MMT

No change (MTAI packing units)



Diameter (mm)	Hub (mm)	W2 Max (mm)	Color
330	100	22.40	Dark Blue

Tape and Reel – Packing Method

	UNIS	MMT																	
Antistatic Shielding Bag/Moisture Barrier Bag/Packing Process	No change (MTAI packing units)	<p>No Inner Box</p>																	
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CENO-07IFFY616 - CCB 3192 SY89113UI SY89112UMY and SY89112UMY-TR catalog part numbers (CPN) avail

Affected Catalog Part Numbers(CPN)

SY89113UMY

SY89113UMY-TR

SY89112UMY

SY89112UMY-TR