



Product Change Notification / NTDO-27QFCL926

Date:

01-Feb-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4968 Initial Notice: Qualification of MTAI as additional final test site for selected SST25VF512 device family available in 8L SOIC (.150in) package.

Affected CPNs:

[NTDO-27QFCL926_Affected_CPN_02012022.pdf](#)
[NTDO-27QFCL926_Affected_CPN_02012022.csv](#)

Notification Text:

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 MTAI as additional final test site for selected SST25VF512 device family available in 8L SOIC (.150in) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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CCB 4968

Pre and Post Change Summary

PCN #: NTDO-27QFCL926

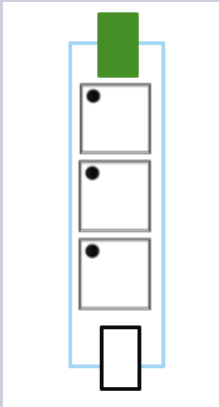
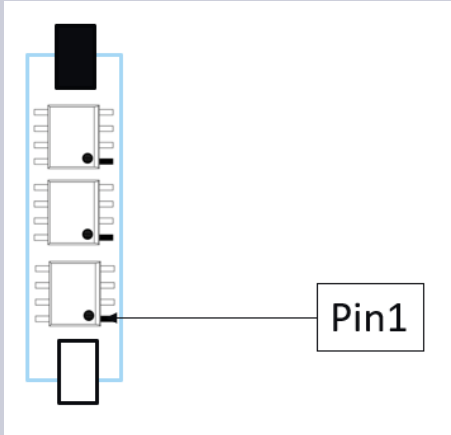


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Pre and Post Change Summary

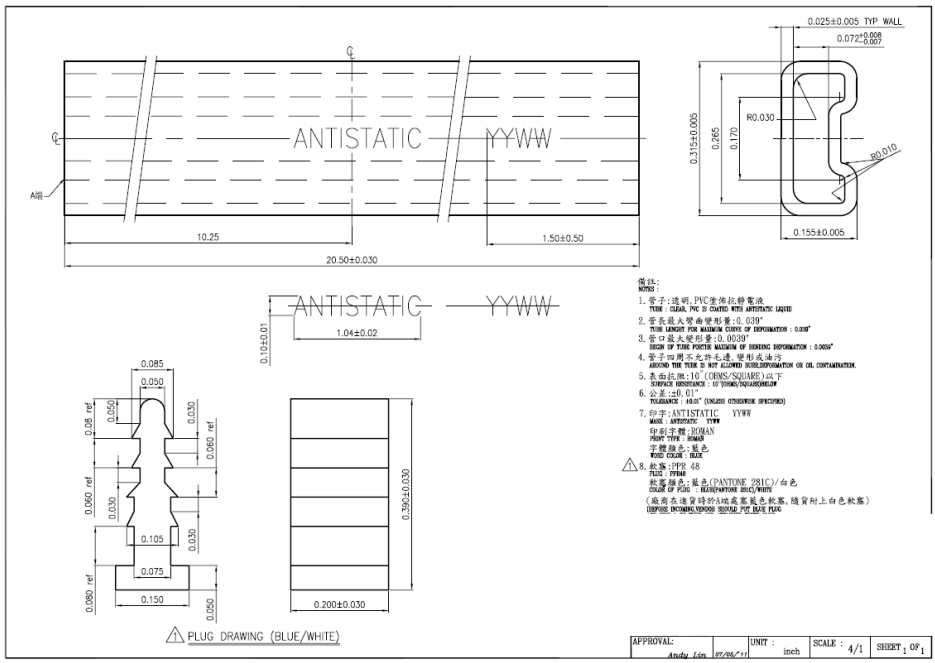
		KYE	MTAI												
BQM	Tube	100	100												
	Tape and Reel	3300	3300												
Pin 1 Orientation	Tube	<div></div> <table><tr><th>Media</th><th>Pin1 Side</th><th>Opposite Side</th></tr><tr><td>TUBE</td><td>Colored stopper</td><td>White stopper</td></tr></table>	Media	Pin1 Side	Opposite Side	TUBE	Colored stopper	White stopper	<div></div> <table><tr><th>Media</th><th>Pin1 Side</th><th>Opposite Side</th></tr><tr><td>TUBE</td><td>WHITE</td><td>BLACK</td></tr></table>	Media	Pin1 Side	Opposite Side	TUBE	WHITE	BLACK
	Media	Pin1 Side	Opposite Side												
TUBE	Colored stopper	White stopper													
Media	Pin1 Side	Opposite Side													
TUBE	WHITE	BLACK													
	Tape and Reel	Quadrant 1	Quadrant 1												

Pre and Post Change Summary

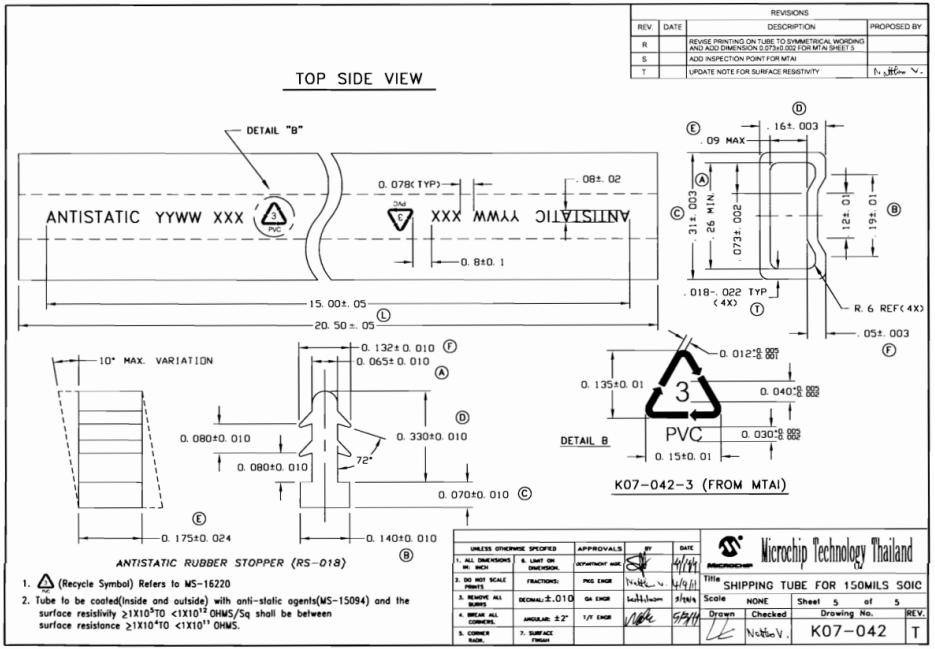
KYE

MTAI

Tube



Length	Color
20.50 ±0.03 inch	Clear

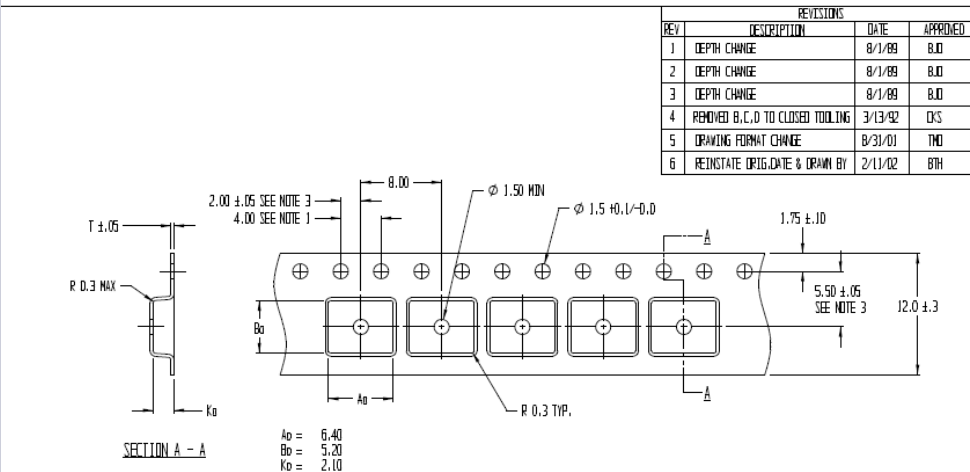


Length	Color
20.50 ±0.05 inch	Clear

Pre and Post Change Summary

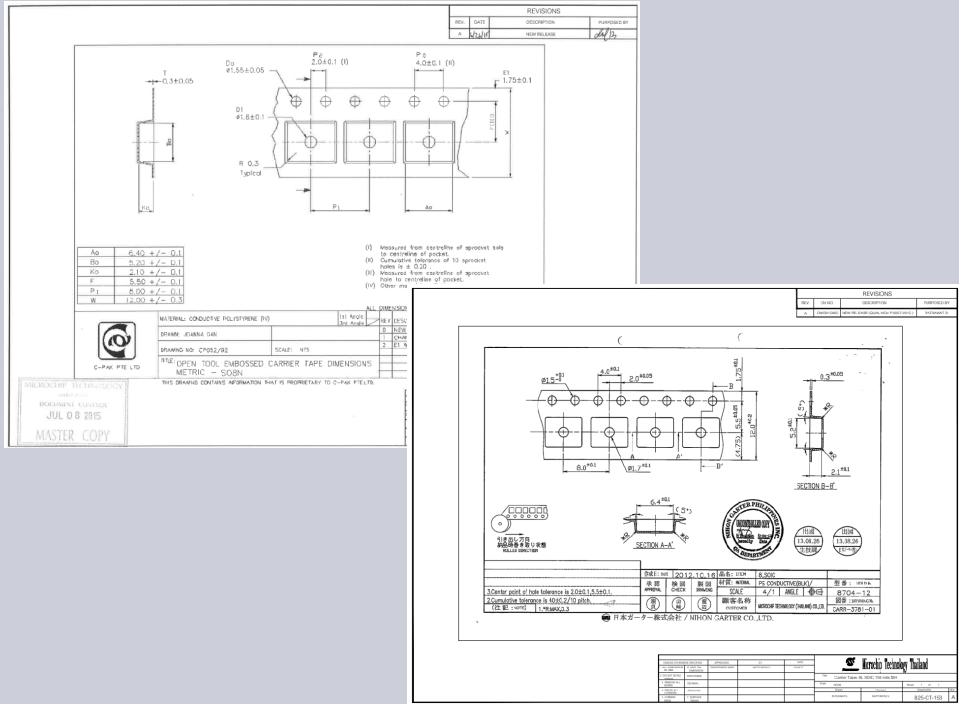
Carrier tape

KYE



Plant	Supplier Part	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness
KYE	SOIC08-AC400.P1	12.00 ±0.30	8.00 ±0.10	6.40 ±0.10	5.20 ±0.10	2.10 ±0.10	-	0.30±0.05

MTAI



Plant	Supplier Part	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness
MTAI	SO8N PS3 22X10CY L410 W12 (CL)	12.00 ±0.30	8.00 ±0.10	6.40 ±0.10	5.20 ±0.10	2.10 ±0.10	-	0.30±0.05
	8704-12	12.00 ±0.30	8.00 ±0.10	6.40 ±0.10	5.20 ±0.10	2.10 ±0.10	-	0.30±0.05

Pre and Post Change Summary

	KYE	MTAI				
Tube Packing Method (No Dry Pack)		<div><table><tr><th>BAG WIDTH</th><th>BAG LENGTH</th></tr><tr><td>160 mm</td><td>650 mm</td></tr></table><p>SSB</p></div>	BAG WIDTH	BAG LENGTH	160 mm	650 mm
	BAG WIDTH	BAG LENGTH				
160 mm	650 mm					
 <table><tr><th>BAG WIDTH</th><th>BAG LENGTH</th></tr><tr><td>165 mm</td><td>700 mm</td></tr></table>	BAG WIDTH	BAG LENGTH	165 mm	700 mm	<div><p>ESD logo Label</p><p>(MTHAI No inner Box)</p></div>	
BAG WIDTH	BAG LENGTH					
165 mm	700 mm					

Pre and Post Change Summary

	KYE	MTAI
Tube Packing Method (Dry Pack)		

Pre and Post Change Summary

Cover tape

KYE

Technical drawing of a cover tape reel. The drawing includes a top view of the reel with a central core and a side view showing the tape thickness. Dimensions include a nominal inner core diameter of 76.2 (3.0 inches), a width 'W', and a thickness of 0.048 ± 0.005. A note indicates 'HEAT SEALABLE ADHESIVE THIS SIDE'.

REVISIONS

REV	DESCRIPTION	DATE	INT
1	Revise Drawing Team Plate and Logo	06/29/09	RAM

PART NUMBER	WIDTH "W"
AD0053-XXX	5.3±0.1mm
AD0054-XXX	5.4±0.1mm
AD0055-XXX	5.5±0.1mm
AD0092-XXX	9.2±0.1mm
AD0093-XXX	9.3±0.1mm
AD0095-XXX	9.5±0.1mm
AD0133-XXX	13.3±0.1mm
AD0210-XXX	21.0±0.1mm
AD0213-XXX	21.3±0.1mm
AD0255-XXX	25.5±0.1mm
AD0375-XXX	37.5±0.1mm
AD0495-XXX	49.5±0.1mm
AD0655-XXX	65.5±0.1mm
AD0815-XXX	81.5±0.1mm

NOTES:
1. ALL DIMENSIONS IN MM
2. REEL TO CONTAIN 300 METERS OF SPLICE FREE MATERIAL
3. COLOR: TRANSPARENT, NATURAL
4. MATERIAL: POLYESTER FILM WITH ANTISTATIC COATING AND ADHESIVE COATING

Manufacturing Engineering:
Designed by: R. RAMOS
Checked by: RAY BLOOM
Date: 06/29/2009
DWG NO: B0811-04-1
REV: 1

Supplier Part	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
AD0093-300	9.3±0.1	0.048±0.005	Transparent	Heat Seal

MTAI

Technical drawing of a cover tape. The drawing includes a top view showing a circular tape with a central hole, a side view showing the tape thickness, and a detail view of the adhesive layer. Dimensions include a width 'W' and a thickness of 0.050 ± 0.010. A note indicates 'HEAT ACTIVATED ADHESIVE THIS SIDE (Static Dissipative Sealing Layer)'.

TOP VIEW
SIDE VIEW
Detail A
Cover Tape Width
Cover Tape Thickness
HEAT ACTIVATED ADHESIVE THIS SIDE (Static Dissipative Sealing Layer)

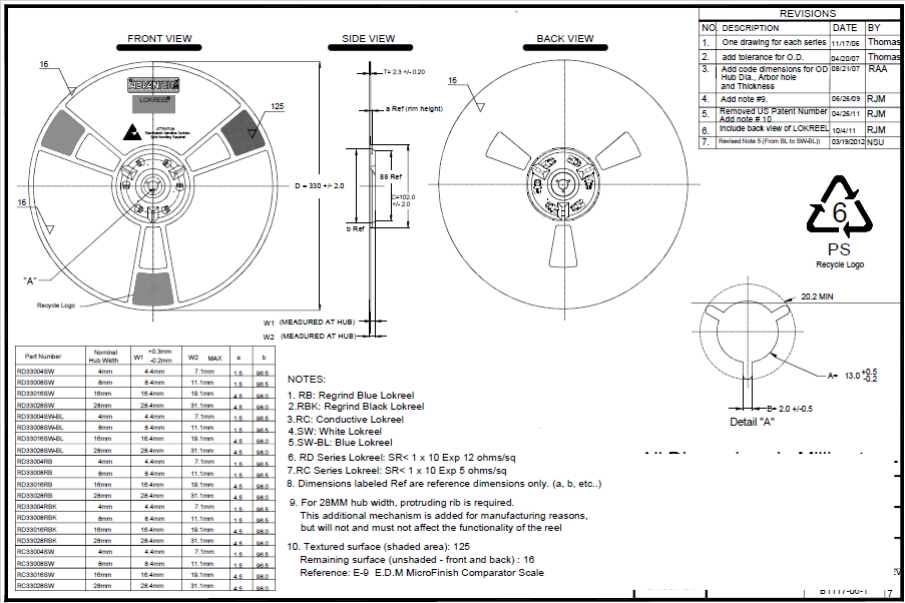
Supplier Part	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
CSL-Z7302	9.05 +0.05/-0.15	0.050 ±0.010	Clear	Heat Seal

Pre and Post Change Summary

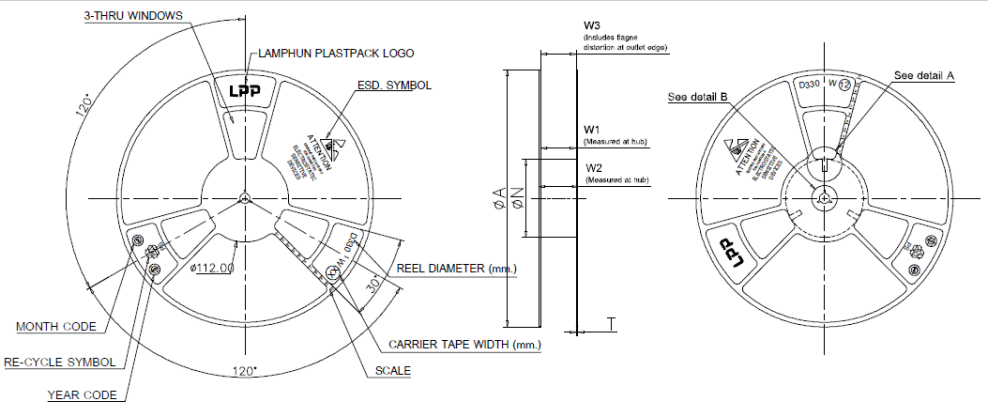
KYE

MTAI

Plastic Reel



Supplier Part	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
RD33004RB + RD33008RB	330 ±2.0	102±2.0	7.1 + =18.20 11.1	Regrind Blue



Supplier Part	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
R13-12-04-E	330 ±2.0	100 ±2.0	18.40	Dark Blue

Pre and Post Change Summary

	KYE	MTAI								
T/R Packing Method (No Dry Pack)	<div> <table><tr><th>BAG WIDTH</th><th>BAG LENGTH</th></tr><tr><td>410mm</td><td>460mm</td></tr></table></div>	BAG WIDTH	BAG LENGTH	410mm	460mm	<div><table><tr><th>BAG WIDTH</th><th>BAG LENGTH</th></tr><tr><td>370 mm</td><td>420 mm</td></tr></table><p>(MTHAI No inner Box)</p></div>	BAG WIDTH	BAG LENGTH	370 mm	420 mm
	BAG WIDTH	BAG LENGTH								
410mm	460mm									
BAG WIDTH	BAG LENGTH									
370 mm	420 mm									

Pre and Post Change Summary

	KYE	MTAI
T/R Packing Method (Dry Pack)		



MICROCHIP

QUALIFICATION PLAN SUMMARY

PCN#: NTDO-27QFCL926

**Date:
December 2, 2021**

**Qualification of MTAI as additional final test site for selected
SST25VF512 device family available in 8L SOIC (.150in) package.**

Purpose: Qualification of MTAI as additional final test site for selected SST25VF512 device family available in 8L SOIC (.150in) package.

CCB No.: 4968

Test / Evaluation	Test Conditions / Parameters
Test Site Transfer Correlation Plan	<ul style="list-style-type: none">• 5 K units through below flow• Original test site (KYE)• 100% FT@80C. Acceptance: Production condition• 100% QC@80C. Acceptance: Zero failure or reasonable EFA data• All units must be shipped to MTAI• Destination test site (MTAI) – Good units• 100% FT@80C. Acceptance: Zero failure or reasonable EFA data• 100% QC@80C. Acceptance: Zero failure or reasonable EFA data• All reject units must be verified at both sites. Acceptance: Match Bin2Bin or reasonable EFA data or PE/TE approve
Strip Test Conversion Correlation Plan	<ul style="list-style-type: none">• 5 K units through below flow• 100% FT@80C (Strip). Acceptance: Production condition• 100% QC@80C (Strip). Acceptance: 0 failure or reasonable EFA data• 100% FT@80C (Singulate). Acceptance: 0 failure or reasonable EFA data• 100% QC@80C (Singulate). Acceptance: 0 failure or reasonable EFA data• All reject units must be verified at both sites. Acceptance: Match Bin2Bin or reasonable EFA data or PE/TE approve• Note: Use same test program.

Affected Catalog Part Numbers (CPN)

SST25VF512-20-4C-SAE

SST25VF512-20-4C-SAE-T