



Product Change Notification / NTDO-27QFCL926

Date:

12-Sep-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4968 Final Notice: Qualification of MTAI as additional final test site for SST25VF512-20-4C-SAE and SST25VF512-20-4C-SAE-T catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Affected CPNs:

[NTDO-27QFCL926_Affected_CPN_09122022.pdf](#)
[NTDO-27QFCL926_Affected_CPN_09122022.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 MTAI as additional final test site for SST25VF512-20-4C-SAE and SST25VF512-20-4C-SAE-T catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Final Test Site		King Yuan Electronics Company, Limited (KYE)	King Yuan Electronics Company, Limited (KYE)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple	Tube	100	100	100
	T/R	3300	3300	3300
Tube	Dimension	With minor dimensional changes*		
	Color	Clear	Clear	Clear
Pin 1 Orientation		Quadrant 1	Quadrant 1	Quadrant 1
Carrier Tape		No dimensional changes*		
Cover Tape	Dimension	With minor dimensional changes*		
	Color	Transparent	Transparent	Clear
Plastic Reel	Dimension	With minor dimensional changes*		
	Color	Regrind Blue	Regrind Blue	Dark Blue
Packing Method		See attached Pre and Post comparison		

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying MTAI as additional final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:October 1, 2022 (date code: 2240)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	February 2022					>	September 2022				October 2022					
Workweek	6	7	8	9	10		36	37	38	39	40	41	42	43	44	45
Initial PCN Issue Date	x															
Qual Report Availability									x							
Final PCN Issue Date									x							

CCB 4968

Pre and Post Change Summary
PCN #: NTDO-27QFCL926

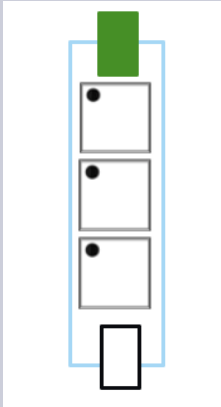
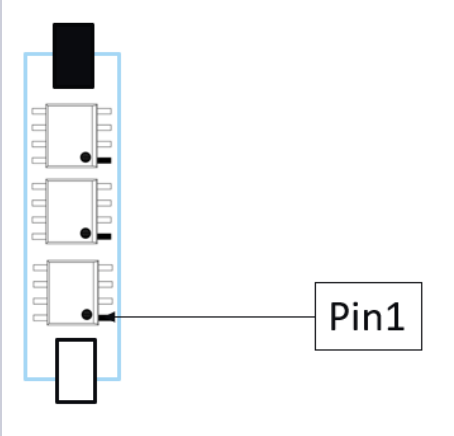


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Pre and Post Change Summary

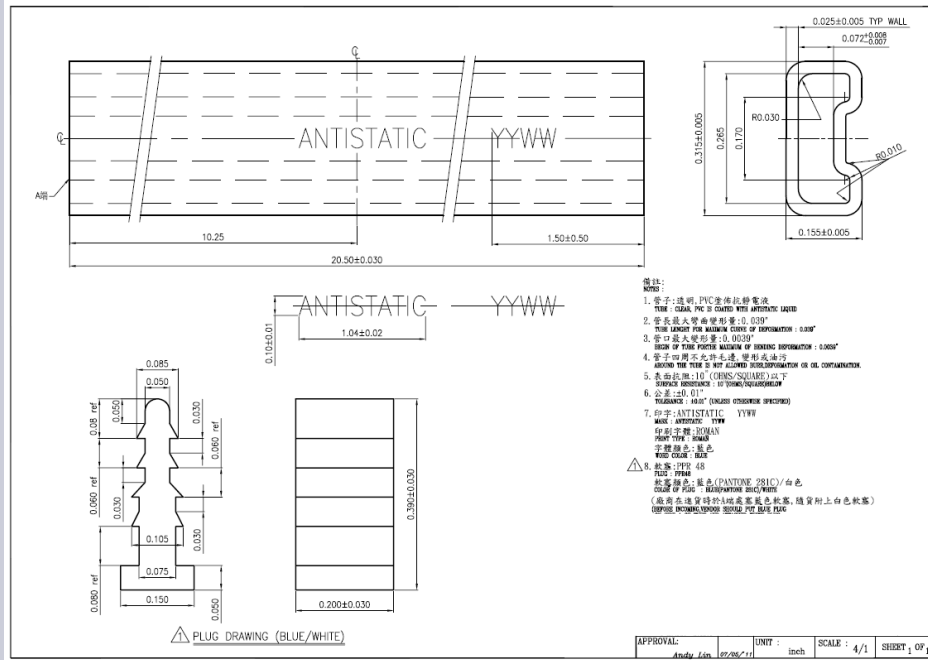
		KYE	MTAI												
BQM	Tube	100	100												
	Tape and Reel	3300	3300												
Pin 1 Orientation	Tube	 <table border="1" data-bbox="835 868 1429 1011"> <thead> <tr> <th>Media</th> <th>Pin1 Side</th> <th>Opposite Side</th> </tr> </thead> <tbody> <tr> <td>TUBE</td> <td>Colored stopper</td> <td>White stopper</td> </tr> </tbody> </table>	Media	Pin1 Side	Opposite Side	TUBE	Colored stopper	White stopper	 <table border="1" data-bbox="1714 879 2407 1011"> <thead> <tr> <th>Media</th> <th>Pin1 Side</th> <th>Opposite Side</th> </tr> </thead> <tbody> <tr> <td>TUBE</td> <td>WHITE</td> <td>BLACK</td> </tr> </tbody> </table>	Media	Pin1 Side	Opposite Side	TUBE	WHITE	BLACK
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TUBE	Colored stopper	White stopper													
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TUBE	WHITE	BLACK													
	Tape and Reel	Quadrant 1	Quadrant 1												

Pre and Post Change Summary

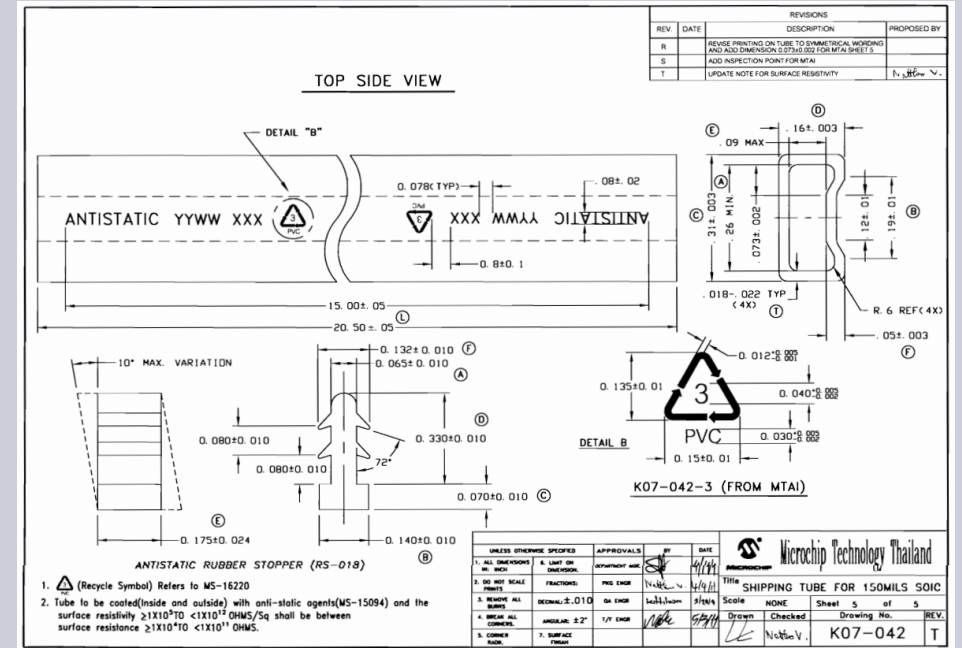
KYE

MTAI

Tube



Length	Color
20.50 ±0.03 inch	Clear

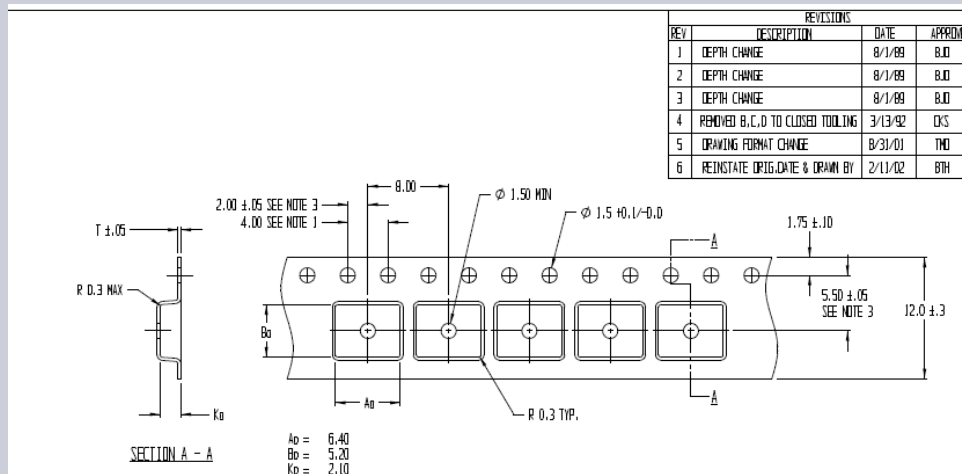


Length	Color
20.50 ±0.05 inch	Clear

Pre and Post Change Summary

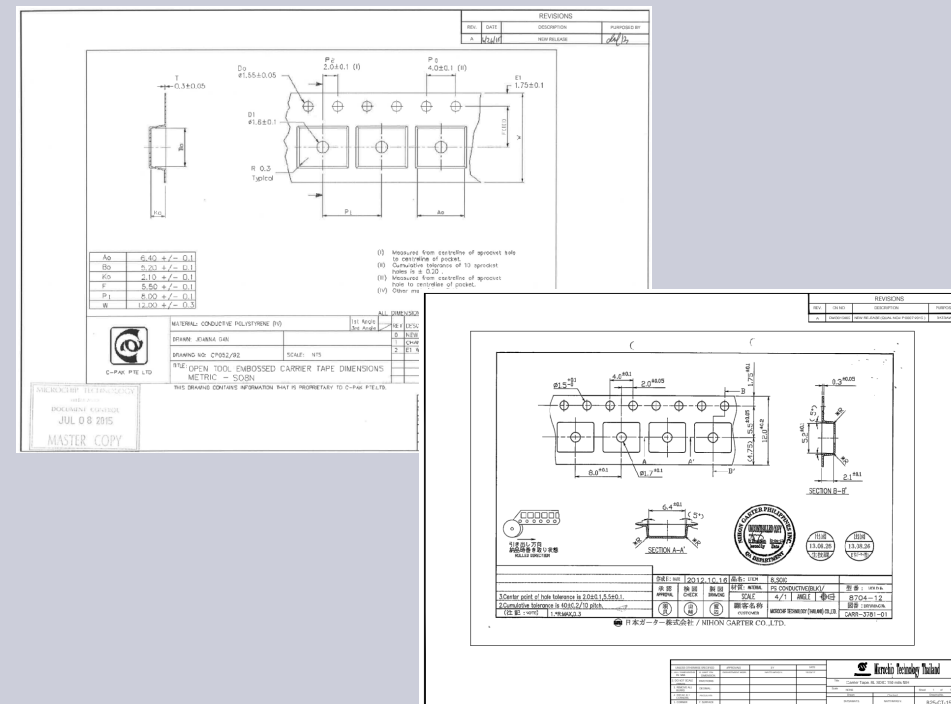
Carrier tape

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



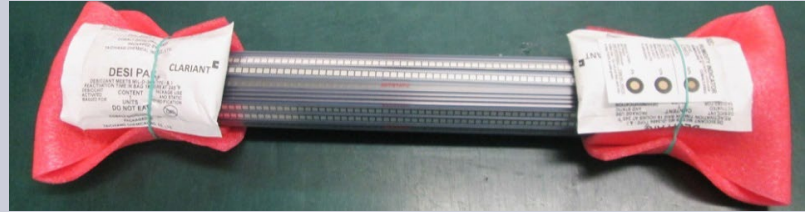
Plant	Supplier Part	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness
MTAI	SO8N PS3 22X10CY L410 W12 (CL)	12.00 ± 0.30	8.00 ± 0.10	6.40 ± 0.10	5.20 ± 0.10	2.10 ± 0.10	-	0.30 ± 0.05
	8704-12	12.00 ± 0.30	8.00 ± 0.10	6.40 ± 0.10	5.20 ± 0.10	2.10 ± 0.10	-	0.30 ± 0.05

Pre and Post Change Summary

	KYE	MTAI								
<p>Tube Packing Method (No Dry Pack)</p>	  <table border="1" data-bbox="1123 901 1528 979"> <thead> <tr> <th>BAG WIDTH</th> <th>BAG LENGTH</th> </tr> </thead> <tbody> <tr> <td>165 mm</td> <td>700 mm</td> </tr> </tbody> </table>	BAG WIDTH	BAG LENGTH	165 mm	700 mm	 <table border="1" data-bbox="2074 446 2420 515"> <thead> <tr> <th>BAG WIDTH</th> <th>BAG LENGTH</th> </tr> </thead> <tbody> <tr> <td>160 mm</td> <td>650 mm</td> </tr> </tbody> </table>   <p>(MTHAI No inner Box)</p>	BAG WIDTH	BAG LENGTH	160 mm	650 mm
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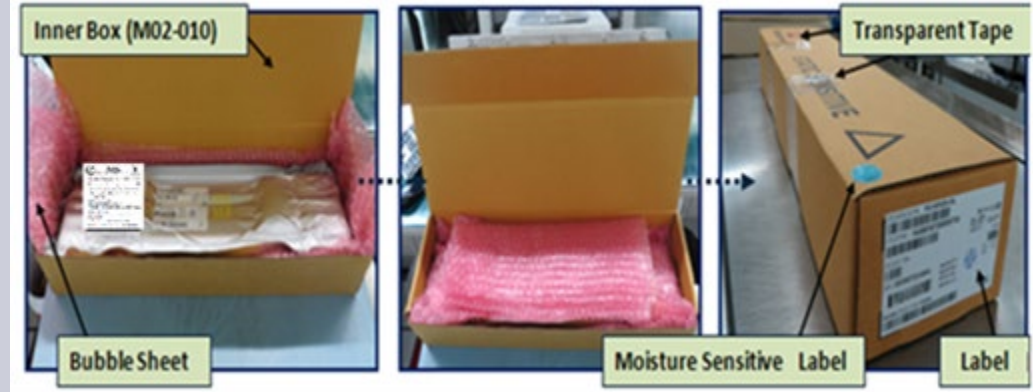
Pre and Post Change Summary

KYE



Tube
Packing Method
(Dry Pack)

MTAI

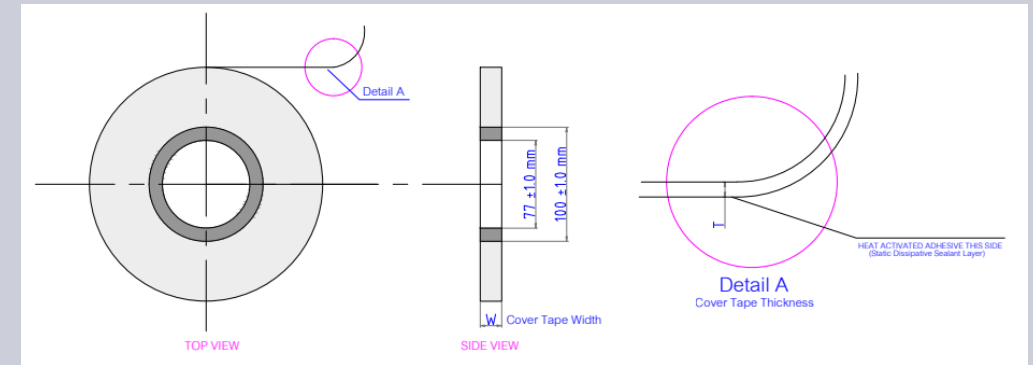
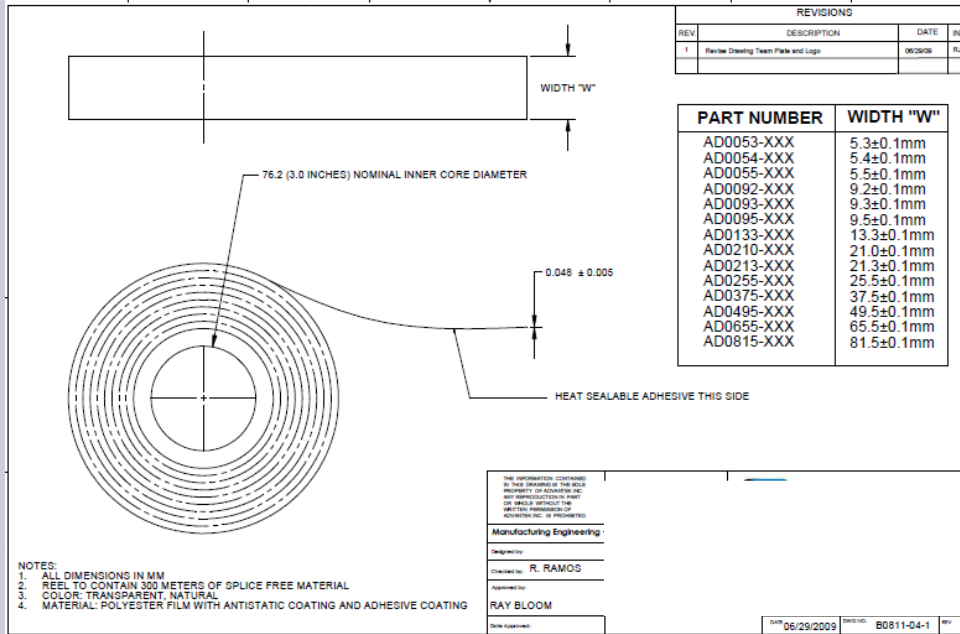


Pre and Post Change Summary

KYE

MTAI

Cover tape

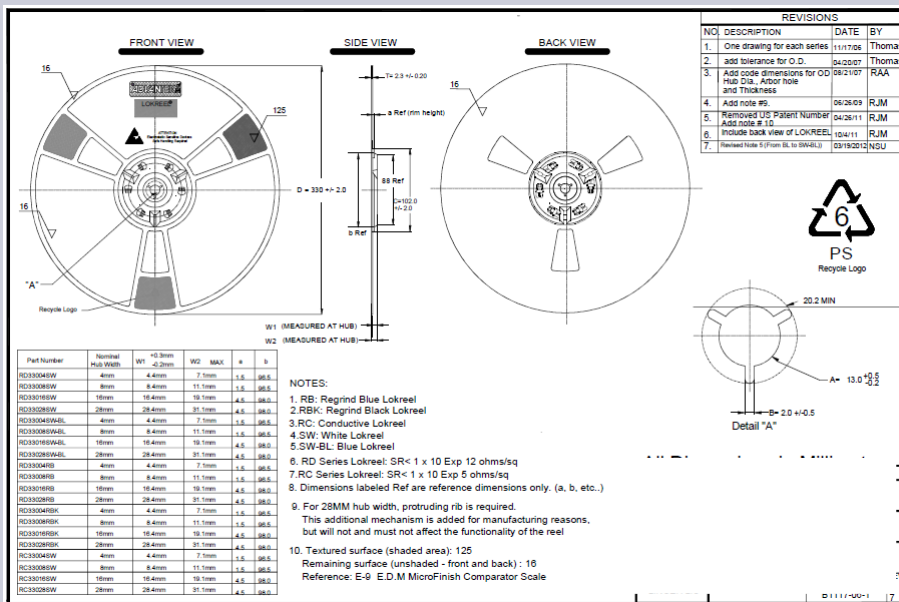


Supplier Part	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
AD0093-300	9.3±0.1	0.048±0.005	Transparent	Heat Seal

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

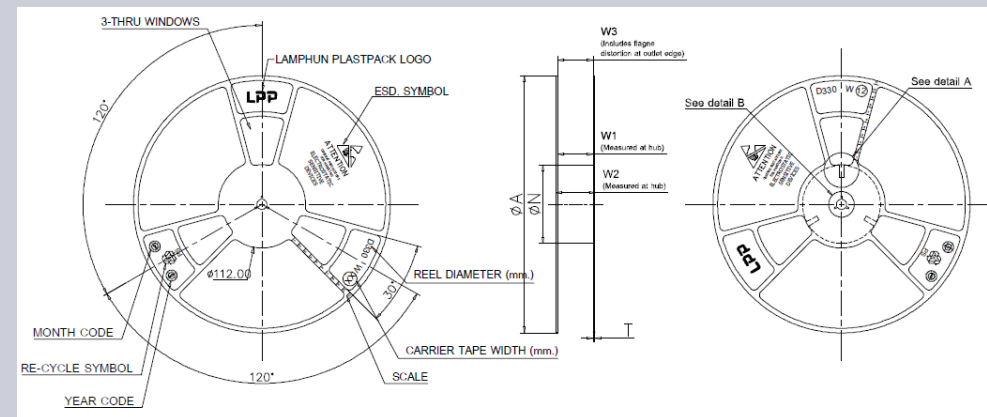
KYE



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

MTAI



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

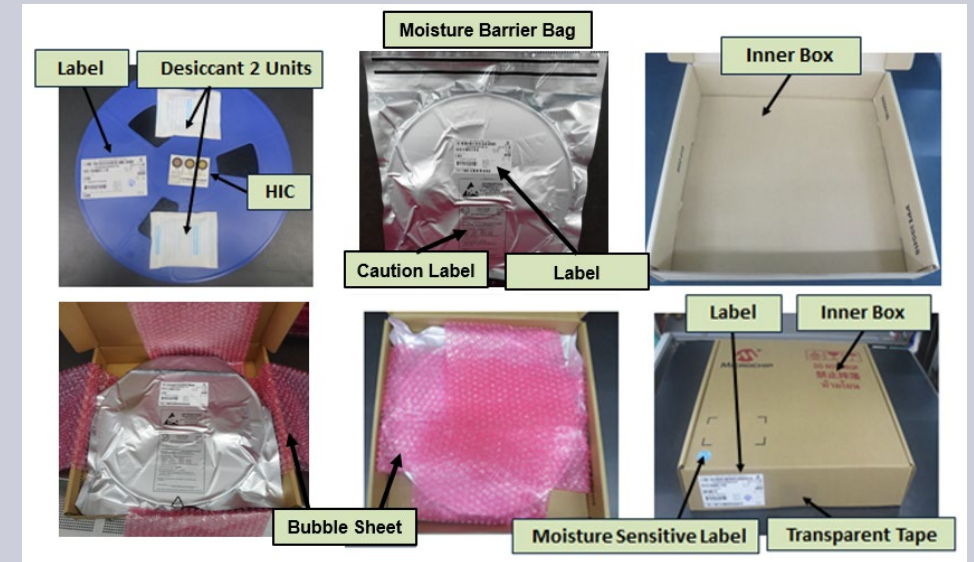
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<p>T/R Packing Method (No Dry Pack)</p>	 <table border="1" data-bbox="606 1006 937 1078"> <thead> <tr> <th>BAG WIDTH</th> <th>BAG LENGTH</th> </tr> </thead> <tbody> <tr> <td>410mm</td> <td>460mm</td> </tr> </tbody> </table>	BAG WIDTH	BAG LENGTH	410mm	460mm	 <table border="1" data-bbox="2025 442 2382 514"> <thead> <tr> <th>BAG WIDTH</th> <th>BAG LENGTH</th> </tr> </thead> <tbody> <tr> <td>370 mm</td> <td>420 mm</td> </tr> </tbody> </table> <p>(MTHAI No inner Box)</p>	BAG WIDTH	BAG LENGTH	370 mm	420 mm
BAG WIDTH	BAG LENGTH									
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370 mm	420 mm									

Pre and Post Change Summary

KYE

MTAI

T/R Packing Method
(Dry Pack)



Affected Catalog Part Numbers (CPN)

SST25VF512-20-4C-SAE

SST25VF512-20-4C-SAE-T