

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	CRP/22/13586	
1.3 Title of PCI	ATX Wei Hai* – Qualification of Reel Design Change for STM DPAK TO-252 Devices (*ATX Wei Hai formerly known as ASE Wei Hai)	
1.4 Product Category	Refer to impacted product list	
1.5 Issue date	2022-08-22	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Process Owner	Chiara ZACCHERINI
2.1.2 Corporate Quality Manager	Gerard PETIT

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Any indirect material modifications for shipping products in dimensions, material, composition, orientation	ATX Wei Hai

4. Description of change

	Old	New
4.1 Description	Reel used for DPAK TO-252 devices fixed pin at hub to bond reel	Reel used for DPAK TO-252 devices welding at hub to bond reel.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	<ul style="list-style-type: none"> - Form: No change on product - Fit: No change on product - Function: No change on product - Reliability, or Processability: No change on product 	

5. Reason / motivation for change

5.1 Motivation	The main benefits are: This change is for quality continuous improvement to have robust reel protection and enhance the reel strength by redesign.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Date-code - Internal Traceability
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7. Timing / schedule

7.1 Date of qualification results	2022-08-31
7.2 Intended start of delivery	2022-12-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13586 Drop Test Result.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-08-22

9. Attachments (additional documentations)

13586 Public product.pdf
13586 PCI_ATX Wei Hai _Qualification of Reel Design Change for STM DPAK TO-252 Devices.pdf
13586 Jamming Assessment.pdf
13586 Drop Test Result.pdf

10. Affected parts

10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	FERD20S100SB-TR	
L78M05CDT-TR	L78M05CDT-TR	
L78M09ABDT-TR	L78M09ABDT-TR	
L78M12ACDT-TR	L78M12ACDT-TR	
L78M12CDT-TR	L78M12CDT-TR	
LD1117DT33CTR	LD1117DT33CTR	
	STD10NM60N	
	STD10P6F6	
	STD11N65M2	
STD15NF10T4	STD15NF10T4	
	STD2NK100Z	
STD3NK80ZT4	STD3NK80ZT4	
	STD7N80K5	
	STD7NM60N	
	STD80N10F7	
	STD8N65M5	
STPS15H100CB-TR	STPS15H100CB-TR	
STPS15L30CB-TR	STPS15L30CB-TR	
STPS5H100B-TR	STPS5H100B-TR	
STTH1002CB-TR	STTH1002CB-TR	
STTH5L06B-TR	STTH5L06B-TR	
	FERD30H100SB-TR	
	STD4N62K3	

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Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCI Title : ATX Wei Hai* – Qualification of Reel Design Change for STM DPAK TO-252 Devices (*ATX Wei Hai formerly known as ASE Wei Hai)

PCI Reference : CRP/22/13586

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

L78M09CDT-TR	STTH802B-TR	ACS120-7SB-TR
L78M05ACDT-TR	STPS640CB-TR	STTH1004SB-TR
STPS15H100CB-TR	STD3NK80ZT4	STTH506B-TR
L78M05ABDT-TR	STPS15L30CB-TR	STD8N60DM2
STD7N80K5	STD2NK100Z	STD7NM60N
STTH4R02B-TR	STD5N52U	STPS1045B-TR
STD4NK60ZT4	STPS4S200B-TR	FERD2045SB-TR
STD11N65M5	STTH10LCD06SB-TR	L78M08ABDT-TR
STD10P6F6	STD95N2LH5	STPS8L30B-TR
STD7NK40ZT4	FERD20H100SB-TR	STPS16170CB-TR
STD5N62K3	STD4N62K3	STD11N65M2
STD5N60DM2	STTH802CB-TR	STTH8S06B-TR
STD2NK90ZT4	STD10NM60N	STD5N60M2
STTH1002CB-TR	FERD20S100SB-TR	L78M15CDT-TR
STD6N65M2	STPS15L45CB-TR	STTH25M06B-TR
STTH1003SB-TR	STD2LN60K3	FERD15S50SB-TR
L78M08CDT-TR	STPS15L60CB-TR	STD10N60M2
STD5NK50ZT4	L78M09ABDT-TR	L78M15ABDT-TR
STD3N80K5	STD9N60M2	STTH5R06B-TR
STPS5L25B-TR	STPS20120CB-TR	STD80N10F7
LD1117DT33CTR	L78M12ABDT-TR	STD5N52K3
FERD30H100SB-TR	STTH5L06B-TR	L78M12ACDT-TR
STPS5H100B-TR	L78M12CDT-TR	STPS340B-TR
STD6N80K5	LM317MDT-TR	STD3NK60ZT4
STD11N50M2	STD7N60M2	STPS10170CB-TR
L78M05CDT-TR	STD15NF10T4	STD8N65M5
STTH512B-TR	STD6N52K3	



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