


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	CRP/19/11772	
1.3 Title of PCI	Inner Box Change for Automation Packing	
1.4 Product Category	To refer to product list	
1.5 Issue date	2019-10-30	

**2. PCI Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	HARTMANN DORIS
2.1.2 Phone	+49 89460062186
2.1.3 Email	doris.hartmann@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Process Owner	Chiara ZACCHERINI
2.1.2 Corporate Quality Manager	Gerard PETIT

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	Any indirect material modifications for shipping products in dimensions, material, composition, orientation...	BEMT Plant / ST Shenzhen

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Current inner BOX - PN / 3CP71972 Open Position : Side	New inner BOX - PN / 3CP90018 Open Position : Top
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	Form: no change Fit: no change (Inner Box opening from Side direction to Top direction) Function: no change Reliability : no change Processability : no change	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	- To deploy Automation on Packing Line in ST Shenzhen - Current inner box 3CP71972 can only be open in side direction, this can't be handled by Automation Handler - To introduce new inner box design 3CP90018 which could be open on top direction to accommodate by the machine
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	To refer to product list
------------------------	--------------------------

**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-11-18
<b>7.2 Intended start of delivery</b>	2019-11-25
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

11772 Public product.pdf  
 11772 PCI\_Review W38 with Shenzhen Team\_W42\_Final.docx

**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
	DALC112S1RL	
	HVLED815PFTR	
	L5970D013TR	
	L5973ADTR	
	L5973D013TR	
L6385ED013TR	L6385ED013TR	
	L6388ED013TR	
L6393DTR	L6393DTR	
L6494LDTR	L6494LDTR	
	L6563ATR	
L6563HTR	L6563HTR	
	L6563STR	
	L6571BD013TR	
	L6598D013TR	
	L6599ADTR	
	L6599ATDTR	
L6699DTR	L6699DTR	
LCP1521SRL	LCP1521SRL	
M24C32-RMN6TP	M24C32-RMN6TP	
	M24C64-WDW6TP	
	M24LR04E-RMN6T/2	
M95020-WMN6TP	M95020-WMN6TP	
	M95040-DRMN3TP/K	
	M95256-WMN6TP	
	M95320-DRMN3TP/K	
	ST1S40IDR	
ST25DV02K-W1R8T3	ST25DV02K-W1R8T3	
STM32F031F6P6TR	STM32F031F6P6TR	
STM8L051F3P6TR	STM8L051F3P6TR	
STM8S003F3P6TR	STM8S003F3P6TR	
	STM8S103F3P3TR	
TPI8011NRL	TPI8011NRL	
TPN3021RL	TPN3021RL	
	TS4871IDT	
	TSM103WAIDT	
ULN2003D1013TR	ULN2003D1013TR	
	VIPER16LDTR	
	VIPER35HDTR	
VN7140ASTR	VN7140ASTR	
	VN751STR	
	VNS1NV04DPTR-E	
	VNS3NV04DPTR-E	

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved



## 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 :** Inner Box Change for Automation Packing

**PCI Reference :** CRP/19/11772

**Subject :** Public Products List

Dear Customer,

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

TL1431CDT	VND7140AJTR	VN7140ASTR
L5970ADTR	ULN2004D1013TR	L6384ED013TR
STM8L151F3P6TR	ST1CC40DR	M24512-RDW6TP
M95320-RMN6TP	M74HC4851YRM13TR	STM32F031F6P7TR
L6392DTR	STM8L051F3P6TR	M95640-WDW6TP
VN750SMPTR-E	ST202BDR	M24C64-DRMN8TP/K
L78L15CD-TR	TL431ACDT	A7986ATR
LE50CD-TR	LE30CD-TR	M95040-DRMN3TP/K
L6902D013TR	M24M01-DFDW6TP	MC34063ABD-TR
VN7050AJTR	L4993DTR	M24C02-FDW6TP
M24C16-DRDW8TP/K	M24C64-FDW6TP	L4931CD33-TR
VND5E160AJTR-E	M93S46-WMN6TP	L78L33ABD-TR
LDL112D10R	M95M01-DFDW6TP	VN751STR
M24C16-DRMN3TP/K	M95640-RMN6TP	M24C04-RMN6TP
L78L05ACD13TR	VND7050AJ12TR	L6599ATDTR
M24C04-DRMN8TP/K	VN5E160ASTR-E	M95640-RDW6TP
STM8S103F2P6TR	TL431AIDT	STCH02TR
M95320-WMN6TP	M93C86-RMN6TP	VNL5160S5TR-E
M95256-DFDW6TP	L6390DTR	M95128-RDW6TP
ETP01-1621RL	LD1117D33CTR	M24C02-DRMN3TP/K
L5991D013TR	A5975ADTR	VN5E160MSTR-E
M95256-DRDW8TP/K	M24512-DFMN6TP	ST25DV02K-W1R8T3
M74HC595YRM13TR	L6932D1.8TR	L78L33ACD13TR
M24M02-DWMN3TP/K	M24C32-RMN6TP	VN5E050JTR-E
ST25DV64K-IER8S3	LM317LD13TR	M93C76-RMN3TP/K
ST26C32ABDR	M24C64-DRDW8TP/K	L4931CD50-TR
VN5160STR-E	M95128-WMN6TP	ST202CDR
M95M02-DRMN6TP	VNLD5090TR-E	VNS7NV04PTR-E
M24128-DRDW8TP/K	L6389ED	ST485ABDR
STP08CP05MTR	ETP01-2821RL	L6563HTR
HCF4010YM013TR	STM8S003F3P6TR	VIPER35LDTR
L272D	VNS3NV04PTR-E	M95010-WMN6TP
M95320-DRDW8TP/K	L6599DTR	L6599ADTR
THBT20011DRL	STM32F030F4P6TR	VN800PSTR-E
TPI8011NRL	VN7020AJTR	M24C01-WDW6TP
M93C56-RDW3TP/K	M24M01-DFMN6TP	M95040-DRDW8TP/K



## Public Products List

ST1S40IDR	ST485EBDR	M24C32-DRDW3TP/K
M24128-BRMN6TP	VIPER37HDTR	VNL5300S5TR-E
M95160-DRDW8TP/K	ST25DV64K-IER6T3	M24M01-DWDW3TP/K
L5972D013TR	M24LR64E-RMN6T/2	M95160-WMN6TP
L6387ED	VND7050AJTR	L6932D2.5TR
L7986ATR	LDL112D18R	VN5E160STR-E
M95512-DFMN6TP	M95512-WDW6TP	M24512-WMN6TP
VIPER27LDTR	VN5050JTR-E	TL431CDT
VN7040AJTR	L5987ATR	M24C64-RMN6TP
VNS3NV04DPTR-E	M93C46-RDW3TP/K	M95640-DFMN6TP
M95128-DFDW6TP	M24SR04-YMN6T/2	M95160-DRMN3TP/K
M24128-DRMN3TP/K	M24128-BRDW6TP	ST890BDR
STM8S103F3P3TR	M95160-RMN6TP	M24SR02-YMN6T/2
L78L05ABD13TR	STM8S903F3P6TR	M95080-DWDW4TP/K
STMP52161MTR	VN7140AS12TR	L6398DTR
M24C04-WDW6TP	L6385ED	L6591
M95040-DFDW6TP	M24C32-DFMN6TP	M95512-RMN6TP
ITA6V1U1RL	M95320-DFMN6TP	M24C02-DRMN8TP/K
M24C32-WDW6TP	VND7E025AJTR	LDL112DR
VND5E160MJTR-E	VNS1NV04DPTR-E	L6388ED013TR
LCP3121RL	L7981ATR	ST25DV64K-IER6S3
VND5160AJTR-E	M24512-DRDW8TP/K	TDA2822D013TR
L6393DTR	L5970D013TR	SG2525AP013TR
M24C32-DRMN8TP/K	M93C56-RDW8TP/K	VNS14NV04PTR-E
M95128-DRDW3TP/K	L78L05CD13TR	M24C04-FMN6TP
ST3485EIDT	M95256-DFMN6TP	TL431IDT
VNL5050S5TR-E	L6571AD013TR	L78L08ACD13TR
M24C02-RMN6TP	M95640-DFDW6TP	ST662ACD-TR
VN5050AJTR-E	L6387ED013TR	ALTAIR05T-800TR
ESDA25B1RL	L6398D	M24C64-DFMN6TP
M95512-DWDW4TP/K	VIPER17HDTR	VN5E050MJTR-E
L6564HTR	M24LR04E-RDW6T/2	M95020-WDW6TP
M93C86-RDW6TP	VIPER16HDTR	L272D013TR
M95M02-DWMN3TP/K	M24M01-RMN6TP	M24C04-RDW6TP
M95640-DRDW3TP/K	M74HC4852YRM13TR	ULQ2003D1013TRY
M95128-RMN6TP	L6668TR	VNQ7E100AJTR
M95080-DRDW8TP/K	M93C66-RMN3TP/K	M24SR04-YDW6T/2
L6498DTR	TD350ETR	L6598D013TR
L7985ATR	ST490ABDR	M24C32-DRMN3TP/K
M24C64-DRMN3TP/K	M93C46-WDW6TP	M95512-DFDW6TP
M93C56-RMN6TP	LD1117D33TR	VIPER0PHD
M95160-DRMN8TP/K	ST485CDR	VND7040AJTR
MC34063ACD-TR	HCF4094YM013TR	ST3232ECDR
M24C32-FDW6TP	L78L12ABD-TR	ST25DV02K-W2R8S3
LDL212D33R	M24C32-DRDW8TP/K	M95040-DRDW3TP/K
VIPER38LDTR	M95320-DRDW3TP/K	L6932D1.2TR
M95020-DRDW3TP/K	M95080-DFDW6TP	M93C86-RMN3TP/K
ST232EBDR	M24C08-RMN6TP	TSM103WAIDT
L6498LDTR	LE33CD-TR	M95128-DFMN6TP
L6569D013TR	L6699DTR	L4931CD120-TR



## Public Products List

STMPS2141MTR	STM32F031F6P6TR	M95M01-RMN6TP
STM32F070F6P6TR	TSM102AIDT	STCH03TR
L6385ED013TR	ST232BDR	HVLED815PFTR
L6399DTR	LM217LD13TR	LCDP1521SRL
A7985ATR	M95256-RMN6TP	TS4871IDT
M24SR64-YMN6T/2	TL1431AIDT	M95M01-DFMN6TP
L79L15ABD13TR	VND7E040AJTR	ST3232BDR
KF50BD-TR	A6902D13TR	L6591TR
M95256-WMN6TP	M93C66-WMN6TP	L78L12CD13TR
ULN2003D1013TR	ULN2001D1013TR	M24C16-RMN6TP
M24C08-RDW6TP	VIPER28HDTR	L5991AD13TR
VNLD5300TR-E	M24C16-RDW6TP	M24256-DRMN3TP/K
M24C01-RMN6TP	STM8S103F3P6TR	L79L05ABD13TR
M95040-DRMN8TP/K	PEP01-5841	VIPER0PLDTR
VNL5030S5TR-E	TSM109IDT	M95080-DRDW3TP/K
M95010-RMN6TP	ST662ABD-TR	ST3232CDR
ST26C31BDR	ST1S31D-R	ST3485ECDR
STMPS2242MTR	L79L12ACD13TR	M95160-RDW6TP
VNS1NV04PTR-E	VN5E050AJTR-E	M24512-RMN6TP
M24C64-FMN6TP	L4979D013TR	L6566BTR
KF25BD-TR	L6563STR	LM2931D-R
M24C02-WMN6TP	L78L15ACD13TR	STPIC6C595MTR
ST1480ACDR	L78L33CD-TR	L6384ED
ST25DV02K-W1R8S3	M93C56-RMN8TP/K	VNLD5160TR-E
L5050SDTR	M95020-RDW6TP	VIPER27HDTR
M95080-RMN6TP	L6569AD013TR	M24SR16-YMN6T/2
STM8S001J3M3TR	L6574D013TR	M95320-DWDW4TP/K
M24SR16-YDW6T/2	M24512-DFDW6TP	M95256-DRMN8TP/K
A5974DTR	L5050SD	M24C64-WDW6TP
M24LR64E-RDW6T/2	L6386ADTR	STMPS2171MTR
M24C16-FDW6TP	A5975DTR	M95040-RDW6TP
L6563TR	L78L09ACD13TR	M24LR04E-RMN6T/2
LE50ABD-TR	L6932D2.5	M24128-BWDW6TP
L4931CD33-TRY	M24C08-WMN6TP	L78L24CD-TR
M95512-WMN6TP	M24256-DFMN6TP	M24C08-DRMN8TP/K
M93S66-WMN6TP	M95128-DRMN8TP/K	M95640-WMN6TP
ST25DV04K-IER6S3	L5150CSTR	M24C04-DRMN3TP/K
M74HC4060YRM13TR	M24256-BWMN6TP	STCS05ADR
M93C56-RMN3TP/K	L6389EDTR	STCS05DR
M93C46-RMN3TP/K	M95020-RMN6TP	LE45CD-TR
M24M01-DWMN3TP/K	ITA25B1RL	ST8034ATDT
M95160-DRDW3TP/K	HCF4051YM013TR	L6388ED
M95160-DWDW4TP/K	M24C02-WDW6TP	M24M02-DRMN6TP
L78L08CD13TR	M95512-DRMN3TP/K	L79L05ACD13TR
L6391DTR	ST485ECDR	M95020-WMN6TP
M24C32-FMN6TP	M24C08-WDW6TP	M24C02-DRDW3TP/K
ST25DV64K-IER8T3	L7986TATR	DA112S1RL
M24256-DRDW3TP/K	M95040-WDW6TP	L6566BHTR
M24C04-WMN6TP	M24128-BFMN6TP	ESDA6V1U1RL
L78L18CD13TR	TSM102IDT	L78L08ABD13TR



## Public Products List

A5973D013TR	M24C16-DRMN8TP/K	VIPER0PLD
VIPER38HDTR	TL1431IDT	M24C64-DFDW6TP
VIPER22ASTR-E	VND5E160JTR-E	M95128-DRDW8TP/K
VN7140AJTR	L6599AFDTR	L6491DTR
LED2000DR	M95160-DFDW6TP	L6395DTR
M95080-WMN6TP	M95320-DRMN8TP/K	ST25DV04K-IER8S3
M95128-DRMN3TP/K	ST485ERBDR	VIPER26LDTR
M24128-BWMN6TP	VN7016AJEPTR	M24C02-DRDW8TP/K
M24C16-WDW6TP	VND7E050AJTR	USB6B1RL
M24SR02-YDW6T/2	L6571BD013TR	M93C76-RDW3TP/K
M24C08-FDW6TP	L78L09ABD13TR	L4931ABD50-TR
M24C01-WMN6TP	M95M01-RDW6TP	M24C16-FMN6TP
L6386ED013TR	M95010-WDW6TP	L6395D
M93C56-WDW6TP	MC34063EBD-TR	L4931ABD120TR
VN750PSTR-E	VN7040ASTR	L78L06ACD13TR
A5972D013TR	M95256-DRMN3TP/K	STCH03LTR
M95128-DWDW4TP/K	ST4485EBDR	M95M01-DWMN3TP/K
STM32F031F4P6TR	L4931ABD33-TR	M93C86-RDW3TP/K
A5970ADTR	ST25DV02K-W2R8T3	VIPER0PHDTR
VND7140AJ12TR	STMPS2272MTR	ULN2002D1013TR
M24C01-RDW6TP	M93C66-WDW6TP	M95080-RDW6TP
M93C76-RDW6TP	ULQ2003D1013TR	STM32F038F6P6TR
M24C02-RDW6TP	SEA01TR	M95512-DRDW8TP/K
M24128-BFDW6TP	L6563ATR	ST25DV16K-IER8S3
M24C16-DRDW3TP/K	ITA6V5B1RL	M24512-DRDW3TP/K
ST25DV16K-IER6S3	L4931CD35-TR	TDE3247FPT
TL1431ACDT	L6494LDTR	TPN3021RL
ST25DV16K-IER6T3	VIPER35HDTR	LCP1531RL
ST485BDR	A5970D013TR	TSM103WIDT
STPIC6D595MTR	M95512-DRMN8TP/K	LDL112D12R
ST232CDR	KF33BD-TR	STSAFA100S8SPL02
M95320-DRMN3TP/K	L5973D013TR	VIPER26HDTR
M24C08-DRMN3TP/K	M24512-WDW6TP	L5973ADTR
M93S56-WMN6TP	LCP1521SRL	M24C32-XDW5TP
VIPER12ASTR-E	M93C46-WMN6TP	M95040-RMN6TP
L79L15ACD13TR	M95320-RDW6TP	M95040-DFMN6TP
SG3525AP013TR	M24256-DRMN8TP/K	ST8034TDT
ACS102-6T1-TR	L7980ATR	M93C86-WMN6TP
M95512-RDW6TP	L4949EDTR-E	M93C86-WDW6TP
M93C56-RDW6TP	M24LR16E-RMN6T/2	M24512-DRMN8TP/K
ST202ECDR	M24C64-WMN6TP	M24512-DRMN3TP/K
M24C04-DRDW3TP/K	M24256-BFDW6TP	VIPER37LDTR
TSM104WAIDT	VIPER16LDTR	ST1480ABDR
M24LR16E-RDW6T/2	ST25DV16K-IER8T3	LE80CD-TR
L78L12ACD13TR	MC34063ECD-TR	M93C56-WMN6TP
STPW12PHR	M24256-DRDW6TP	M95640-DRMN3TP/K
M95010-RDW6TP	ST3232EBDR	M24C32-DFDW6TP
VN7E010AJTR	M24128-DFDW6TP	VIPER28LDTR
M34F04-WMN6TP	STM8S103F2P3TR	ULQ2004D1013TR
TDE1747FPT	M95160-WDW6TP	STP08DP05MTR



## Public Products List

STMPS2151MTR	M24C04-DRDW8TP/K	M24256-BRDW6TP
M93C76-WMN6TP	L6566ATR	ST232ACDR
M95080-DRMN8TP/K	M95M01-DWDW3TP/K	HVLED805TR
M24C32-WMN6TP	TD310IDT	M24C04-FDW6TP
M24256-DRDW8TP/K	VIPER25HDTR	ST25DV04K-IER6T3
A5973ADTR	M95256-DRDW3TP/K	M24SR64-YDW6T/2
M95160-DFMN6TP	TSM109AIDT	M93C66-RDW3TP/K
M24256-DFDW6TP	M95020-DRMN3TP/K	M24C16-WMN6TP
M24C64-DRDW3TP/K	M95M01-DWDW4TP/K	M95320-WDW6TP
SG3524P013TR	M24256-BRMN6TP	ST232ABDR
VN7050ASTR	M24128-DFMN6TP	M95256-RDW6TP
M95080-WDW6TP	M24C02-FMN6TP	M24128-DRMN8TP/K
M24C64-RDW6TP	M34E02-FDW6TP	M24C08-FMN6TP
LDL112D33R	STMPS2262MTR	L78L09CD13TR
M95040-DWDW4TP/K	ITA18B1RL	M95640-DWDW4TP/K
ST485EXDR	LM2931AD33R	M95256-DWDW4TP/K
M95512-DRDW3TP/K	M95320-DFDW6TP	L5986ATR
LDL212DR	DALC112S1RL	TS4990IDT
L6375STR	TDE1707BFPT	M95640-DRDW8TP/K
VNL5090S5TR-E	ST3485EBDR	M24256-BWDW6TP
TSM108IDT	VIPER25LDTR	ST25DV04K-IER8T3
ST202EBDR	M24C32-RDW6TP	TSM104WIDT
ST890CDR	M24C08-DRDW8TP/K	M95256-WDW6TP
M95080-DRMN3TP/K	M95640-DRMN8TP/K	L79L08ACD13TR
M95040-WMN6TP	STSR30D-TR	M74HC4094YRM13TR
LM2931AD50R	M95080-DFMN6TP	STM8L050J3M3TR
STMPS2252MTR	ST232ECDR	M24M01-RDW6TP
M24128-DRDW3TP/K	TS4890IDT	M24C08-DRDW3TP/K





### IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

## Inner Box Change for Automation Packing

AT

changed in Inner box for 1 " T R to accommodate Manual packing to Automated Packing (refer below for details)

	C r	C A r	Remark
PN	P 1 2	P 0018	C d
Opening Method	Side opening	Top opening	C d
Inner Dimension	0x 0x 8mm	0x 0x 8 mm	N
Outer Dimension	x x 2mm	x x 2mm	N
Label	ustomi ed label on right side ulk label on left side	ustomi ed label on right side ulk label on left side	N

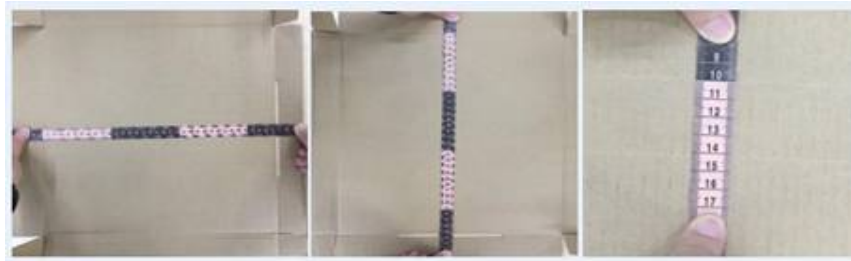
R r P r

Box opening Method



## Inner Box Measurement Illustration

### Reference 1 Inner Dimension Measurement ( x x )



### Reference 2 Outer Dimension Measurement ( x x )



## Y

To deploy **A** on Packing line in ST Shen chen.  
Current inner box P 1 2 can only be open in side direction, this can't be handled by Automation andler.  
To introduce new inner box design P 0018 which could be open on top direction to accommodate by the machine.

## EN r

November 2<sup>th</sup>, 201

## O d

The New Inner box packing has been qualified using Standard ST Microelectronics Specifications for quality.

Major steps of the qualification plan are

- Internal quality control / I
- orkability
- rop Test

Line Stressing (To be completed by November 18<sup>th</sup>, 201 ).

Note If result of line stressing is good, shipment of this lot can be made on November 2<sup>th</sup>, 201 .

**IMPACTS**      **C**

form No change  
fit No change (Inner box opening from Side direction to Top direction)  
function No change  
Reliability No change  
Processability No change

**APPENDICES**

APP N I 1 Risk assessment  
APP N I 2 Qualification plan / result

**APPENDI RIS ASSESSMENT**

#	Risks identified	Potential risk resulting from	Class (Low / Medium)	Considered action
1	The way of taking out the product from inner box	Can't take out product the same way	Low	Inform customer of this change
2	Damage device	Can't protect product as good as the current one	Low	Use same paper for inner box and performed drop test verification

**APPENDI UALIFICATION PLAN RESULT**

n	Qualification item	Condition	Sample Size	Criteria	When	Status	Result
1	FAI sample preparation / IQC Test	Dimension	5 Boxes	Pass / Fail	Nov'18	Done	Pass
2	Workability Test	Box can be handled well / no issue in manual process	10 Boxes	Pass / Fail	Nov'18	Done	Pass
3	Drop Test	1. No vacuum leakage 2. No Moisture Bag Damage 3. No Bent Lead / Package damage	9 Inner Box with complete Finish Goods	Pass / Fail	Nov'18	Done	Pass
4	Line stressing	Box can be handled well / no issue in manual process	100 Inner Box with complete Finish Goods	Pass / Fail	Nov 18 <sup>th</sup> , 2019	Pending	Pending