


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	AMS/20/11999	
<b>1.3 Title of PCN</b>	Qualification of a new molding compound for selected products in PDIP package assembled in ST Muar (Malaysia)	
<b>1.4 Product Category</b>	See product list	
<b>1.5 Issue date</b>	2020-03-03	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Marcello SAN BIAGIO,Domenico ARRIGO
<b>2.1.2 Marketing Manager</b>	Salvatore DI VINCENZO,Fulvio PULICELLI
<b>2.1.3 Quality Manager</b>	Sergio Tommaso SPAMPINATO,Alessandro PLATINI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Mold compound	Assembly : ST Muar (Malaysia)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Molding compound : Hitachi MP180, MP180S, MP180SH, MP180H	Molding compound : Sumitomo G633CA
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	The production of the Hitachi MP180 Molding Compound series will be discontinued so we will replace it with the Sumitomo G633CA which is already qualified and used on other products.
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

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

<b>6.1 Description</b>	New genealogy with new Finished good codes
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2020-02-11
<b>7.2 Intended start of delivery</b>	2020-05-31
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	11999 11999_Molding compound.zip		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2020-03-03

**9. Attachments (additional documentations)**

11999 Public product.pdf  
 11999 11999\_Molding compound.zip

**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
L297/1	L297/1	
L6506	L6506	
M48T02-150PC1	M48T02-150PC1	
M48T02-70PC1	M48T02-70PC1	
M48T08-100PC1	M48T08-100PC1	
M48T08-150PC1	M48T08-150PC1	
M48T12-150PC1	M48T12-150PC1	
M48T12-70PC1	M48T12-70PC1	
M48T18-100PC1	M48T18-100PC1	
M48T18-150PC1	M48T18-150PC1	
M48T35-70PC1	M48T35-70PC1	
M48T35AV-10PC1	M48T35AV-10PC1	
M48T35Y-70PC1	M48T35Y-70PC1	
M48T58-70PC1	M48T58-70PC1	
M48T58Y-70PC1	M48T58Y-70PC1	
M48Z02-150PC1	M48Z02-150PC1	
M48Z02-70PC1	M48Z02-70PC1	
M48Z08-100PC1	M48Z08-100PC1	
M48Z12-150PC1	M48Z12-150PC1	
M48Z12-70PC1	M48Z12-70PC1	
M48Z18-100PC1	M48Z18-100PC1	
M48Z35-70PC1	M48Z35-70PC1	
M48Z35Y-70PC1	M48Z35Y-70PC1	
M48Z58-70PC1	M48Z58-70PC1	
M48Z58Y-70PC1	M48Z58Y-70PC1	
	ULN2802A	
	ULN2803A	
	ULN2804A	
	ULQ2803A	
	ULQ2804A	

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## Public Products List

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**PCN Title** : Qualification of a new molding compound for selected products in PDIP package assembled in ST Muar (Malaysia)

**PCN Reference** : AMS/20/11999

**Subject** : Public Products List

Dear Customer,

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

M48T08-150PC1	M48Z12-150PC1	M48Z12-70PC1
M48T18-100PC1	ULQ2803A	ULQ2804A
M48T12-70PC1	M48T18-150PC1	M48Z08-100PC1
ULN2803A	ULQ2801A	M48T02-150PC1
M48T35AV-10PC1	ULN2801A	M48Z58Y-70PC1
M48T58Y-70PC1	M48T35-70PC1	ULQ2802A
M48T58-70PC1	M48Z02-150PC1	M48T35Y-70PC1
M48T08-100PC1	M48T02-70PC1	ULN2804A
M48Z35-70PC1	M48Z02-70PC1	M48T12-150PC1
L297/1	M48Z18-100PC1	L6506
M48Z35Y-70PC1	ULN2802A	M48Z58-70PC1



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