

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MMS/15/9108	
1.3 Title of PCN	Amkor ATP (Philippines) additional back-end source for STM8 and STM32 non automotive products in LQFP 7x7 & 10x10 packages	
1.4 Product Category	STM8 and STM32 family products, assembled in LQFP 7x7 and LQFP 10x10 packages listed in Detailed description document attached	
1.5 Issue date	2015-06-25	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	SETTLES JEFF
2.1.2 Phone	+44 1628896222
2.1.3 Email	jeff.settles@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Michel BUFFA
2.1.2 Marketing Manager	Daniel COLONNA, Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Any change on substrate (part number, supplier, plant, design or composition of any layer...)	STATS ChipPAC Shanghai (China), ST Muar (Malaysia), Amkor ATP (Philippines)

4. Description of change

	Old	New
4.1 Description	Manufacturing sites : STATS ChipPAC Shanghai (China) & ST Muar (Malaysia)	In order to sustain the strong demand on STM8 and STM32 devices and provide a better service to our customers, ST Microcontrollers Division will add ATP (Philippines) back-end source for non automotive STM8 and STM32 family products in LQFP 7x7 and LQFP 10x10 packages. This line is already qualified.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	form : lead color and surface finish could change	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM8 and STM32 devices, Microcontrollers Division decided to qualify an additional source to maintain state of the art service level to our customers, improving flexibility on manufacturing sites, thanks to extra capacity.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	See in Detailed description document attached
------------------------	---

7. Timing / schedule

7.1 Date of qualification results	2015-06-19
7.2 Intended start of delivery	2015-09-26
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	9108_qual report_MCDRER1313_qual plan_MCDRER1515.pdf
------------------------	--

8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-06-25
--	----------------------------	------------	------------

9. Attachments (additional documentations)	
9108PpPrdtLst.pdf 9108_Detailed description.pdf 9108_qual report_MCDRER1313_qual plan_MCDRER1515.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
	STM32F030C6T6	
	STM32F030R8T6	
	STM32F042C6T6	
	STM32F051C6T6	
	STM32F051C8T6	
	STM32F072C8T6	
	STM32F072CBT6	
	STM32F072R8T6	
	STM32F072RBT6	
	STM32F100C8T7B	
	STM32F100CBT6B	
	STM32F100R4T6B	
	STM32F100R8T6B	
	STM32F100RET6B	
	STM32F101C6T6A	
	STM32F101C8T6	
	STM32F101CBT6	
	STM32F101RBT6	
	STM32F101RDT6	
	STM32F101RET6	
	STM32F102RBT6	
	STM32F103C8T6	
	STM32F103C8T7	
	STM32F103R8T6	
	STM32F103RBT6	
	STM32F103RBT6TR	
	STM32F103RCT6	
	STM32F103RET6	
	STM32F103RGT6	
	STM32F103RGT7	
	STM32F302RBT6	
	STM32F303CCT6	
	STM32F303RBT6	
	STM32F373CBT6	
	STM32F373CCT6	
	STM32F401RET6	
	STM32F411RET6	
	STM32L100R8T6TR	
	STM32L100RBT6	
	STM32L151C8T6	
	STM32L151RET6	

	STM8S003K3T6C	
	STM8S103K3T6C	
	STM8S105S6T6C	
	STM32F302C8T6	
	STM32F302R8T6	
	STM32L052C6T6	
	STM32F100RBT6B	

Please Read Carefully:

Information in this document is provided solely in connection with ST products. STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, modifications or improvements, to this document, and the products and services described herein at any time, without notice.

All ST products are sold pursuant to ST's terms and conditions of sale.

Purchasers are solely responsible for the choice, selection and use of the ST products and services described herein, and ST assumes no liability whatsoever relating to the choice, selection or use of the ST products and services described herein.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted under this document. If any part of this document refers to any third party products or services it shall not be deemed a license grant by ST for the use of such third party products or services, or any intellectual property contained therein or considered as a warranty covering the use in any manner whatsoever of such third party products or services or any intellectual property contained therein.

UNLESS OTHERWISE SET FORTH IN ST'S TERMS AND CONDITIONS OF SALE ST DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE USE AND / OR SALE OF ST PRODUCTS INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (AND THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION), OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS EXPRESSLY APPROVED IN WRITING BY TWO AUTHORIZED ST REPRESENTATIVES, ST PRODUCTS ARE NOT RECOMMENDED, AUTHORIZED OR WARRANTED FOR USE IN MILITARY, AIR CRAFT, SPACE, LIFE SAVING, OR LIFE SUSTAINING APPLICATIONS, NOR IN PRODUCTS OR SYSTEMS WHERE FAILURE OR MALFUNCTION MAY RESULT IN PERSONAL INJURY, DEATH, OR SEVERE PROPERTY OR ENVIRONMENTAL DAMAGE. ST PRODUCTS WHICH ARE NOT SPECIFIED AS "AUTOMOTIVE GRADE" MAY ONLY BE USED IN AUTOMOTIVE APPLICATIONS AT USER'S OWN RISK.

Resale of ST products with provisions different from the statements and/or technical features set forth in this document shall immediately void any warranty granted by ST for the ST product or service described herein and shall not create or extend in any manner whatsoever, any liability of ST.

ST and the ST logo are trademarks or registered trademarks of ST in various countries.

Information in this document supersedes and replaces all information previously supplied.

The ST logo is a registered trademark of STMicroelectronics. All other names are the property of their respective owners

©2014 STMicroelectronics - All rights reserved.

STMicroelectronics group of companies

Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel - Italy - Japan -
Malaysia - Malta - Morocco - Philippines - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States of America

www.st.com