


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/20/12327	
1.3 Title of PCN	AMKOR, new and additional UFDFPN8 (DFN8) assembly & test line for CMOSF8H+ Industrial Range: Additional CP 2Kbit EEPROM	
1.4 Product Category	M24C02-FMC6TG M24C02-RMC6TG M34E02-FMC6TG	
1.5 Issue date	2020-09-09	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRISZTINA NEMETH
2.1.2 Phone	+49 89460062210
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2.2 Change responsibility	
2.2.1 Product Manager	Benoit RODRIGUES
2.1.2 Marketing Manager	Hubert LEDUC
2.1.3 Quality Manager	Rita PAVANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Product transfer from one site to another site, even if test or process line is qualified	Amkor (Philippines)

4. Description of change

	Old	New
4.1 Description	The 2Kbit EEPROM products (industrial range) processed with CMOSF8H+ process technology at ST Rousset (France) and assembled & tested in UFDFPN8 (DFN8) package at ST Calamba (Philippines)...	...will be also assembled & tested at AMKOR subcontractor (Philippines). PCN MDG2012021 was already released for similar CMOSF8H+ products (June 2020). This line is already used for the assembly and test & finishing of CMOSF8H EEPROM in UFDFPN8 package.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	- Form: - Top side marking flanked with a vertical bar - Pad shape - Fit: No change - Function: No change	

5. Reason / motivation for change

5.1 Motivation	The strategy of STMicroelectronics Memory Division is to support our customers on a long-term basis. In line with this commitment, the qualification of the 2Kbit CMOSF8H+ EEPROM products in UFDFPN8 on AMKOR assembly & test line will increase the production capacity throughput and consequently improve the service to our customers.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	N/A
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7. Timing / schedule

7.1 Date of qualification results	2020-10-30
7.2 Intended start of delivery	2020-12-11
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)	
12327 Public product.pdf 12327 PCN DFN8 AMKOR 2Kbit CMOSF8H+.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
	M24C02-FMC6TG	
	M24C02-RMC6TG	
	M34E02-FMC6TG	

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