

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		ADG/20/12299
1.3 Title of PCI		SPC58xGx and SPC58xEx (FH84, FH86): Reference Manual Update
1.4 Product Category		see list
1.5 Issue date		2020-08-27

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Luca RODESCHINI
2.2.2 Marketing Manager	Matteo MOIOLI
2.2.3 Quality Manager	Alberto MERVIC

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Modification of datasheet : Errata/error fix	NA

4. Description of change

	Old	New
4.1 Description	Reference Manual RM0391 rev.4	Reference Manual RM0391 rev.5
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Documentation update
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Documentation available at www.st.com
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7. Timing / schedule

7.1 Date of qualification results	2020-08-04
7.2 Intended start of delivery	2020-08-04
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	12299 Details.pdf	
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date

9. Attachments (additional documentations)

12299 Public product.pdf
12299 Details.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
	SPC58EG80E5FEC0X	
	SPC58NE84C3QMHAR	
	SPC58EE80E7QMHAY	
	SPC58EE84E7QMSAR	
	SPC58NE84E7QMHAR	
	SPC58NE84E7QMSAR	

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Dear Customer,
purpose of this letter is to inform you of new document released on www.st.com relating to devices shown below:

Reference Manual

SPC58xGx and SPC58xEx

32-bit Power Architecture® microcontroller for automotive ASIL-D applications

Device Summary

Package	Part number					
	4 MB			6 MB		
	Single core	Dual core	Triple core	Single core	Dual core	Triple core
eTQFP144	SPC584G80E5	SPC58EG80E5	SPC58NG80E5	SPC584G84E5	SPC58EG84E5	SPC58NG84E5
eLQFP176	SPC584G80E7	SPC58EG80E7	SPC58NG80E7	SPC584G84E7	SPC58EG84E7	SPC58NG84E7
FPBGA292	SPC584G80C3	SPC58EG80C3	SPC58NG80C3	SPC584G84C3	SPC58EG84C3	SPC58NG84C3

Package	Part number				
	4 MB		6 MB		
	Dual core	Triple core	Dual core	Triple core	
eLQFP176	SPC58EE80E7	SPC58NE80E7	SPC58EE84E7	SPC58NE84E7	
FPBGA292	SPC58EE80C3	SPC58NE80C3	SPC58EE84C3	SPC58NE84C3	
KGD	—	—	—	—	SPC58NE84H0

Below document released

Reference Manual RM0391 Rev 5



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 : SPC58xGx and SPC58xEx (FH84, FH86): Reference Manual Update

PCI Reference : ADG/20/12299

Subject : Public Products List

Dear Customer,

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

SPC58NE84C3QMHAR	SPC58NG84E7QEH0X	SPC58EG80E5P0H0Y
SPC58NE84C3QMHAY	SPC58NG84E7QEH0Y	SPC58EG80E5FEC0X
SPC58EG80E5QEH0Y	SPC58EG84E5GEC0X	SPC58NG84C3GEC0X
SPC58EG80E5QEC0X	SPC58EG80E5PEC0X	SPC58NG80E5QEC0X
SPC58NE84E7QMHAR	SPC58NE84E7QMSAR	SPC58NE84E7QMHAY
SPC58EE80E7QMHAY	SPC58NE80E7QMHAY	SPC58EE84E7QMSAR



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