



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN211301

Date: April 06, 2021

Subject: Qualification of XMC as an Additional Wafer Fab Site for Automotive FL512S NOR Flash Memory Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Wuhan Xinxin Semiconductor Manufacturing Co., Ltd. (XMC, 18 Gaoxin 4TH Road, East Lake High-Tech Development Zone, Wuhan, Hubei, China) as an additional wafer fab site for FL512S automotive NOR Flash Memory products that are currently fabricated at Fab 25 (5204 East Ben White Boulevard, Austin, TX 78741, USA).

Benefit of Change:

Qualification of additional manufacturing sites is part of the ongoing flexible manufacturing initiative announced by Cypress. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 104

See the attached 'Affected Parts List' file for the list of part numbers affected by this change. The Affected Parts List' includes the customer PPAP Part number (marketing part number) and the corresponding sample part number. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

Qualification Status:

The change has been qualified through a series of tests documented in Qualification Test Plan summarized in the table below. The QTP reports can be found as attachments to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

QTP Number	Qualification Test Plan
002-32746	Qualification of PBO for XMC 65nm FL-S Products
002-32763	PBO Protection Layer for S25FLXXS, 65nm, XMC Fab, Grade 1 -40 to 125C

Sample Status:

Qualification samples are not built ahead of time for all part numbers affected by this change. Please refer to the affected parts list file for a list of affected part numbers with their associated sample ordering part numbers. If you require qualification samples, please contact your sales representative as soon as possible, but within 60 days of the date of this PCN. Estimated lead time for qualified samples is 2 – 4 weeks from order entry.

Approximate Implementation Date:

Effective 90 days from the date of notification or upon customer approval, whichever comes first, all shipments of automotive non-PPAP part numbers in the attached file will be supplied either from Fab 25 or XMC.

For automotive PPAP part numbers, this change will be effective upon customer approval.

Anticipated Impact:

Products fabricated at the new site are completely compatible with existing products from form, fit, functional, parametric and quality performance perspectives.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:

No response is required.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration



On 16 April 2020, Infineon Technologies acquired Cypress.
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.
For further details, please visit our website:
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	036001-1120	NOR	S25FL512SAGMFBG10-010	2-4 weeks lead time
2	05523-954/0000	NOR	S25FL512SDSMFBG10-010	2-4 weeks lead time
3	0791076079RQA00	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
4	10282417	NOR	S25FL512SAGMFA010-010	2-4 weeks lead time
5	10324-05530	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
6	2385303	NOR	S25FL512SAGBHB210-010	2-4 weeks lead time
7	2625139	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
8	28320743 A	NOR	S25FL512SAGMFA010-010	2-4 weeks lead time
9	28486511 B	NOR	S25FL512SAGMFBG10-010	2-4 weeks lead time
10	28497288 B	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
11	28544607 A	NOR	S25FL512SAGBHBC10-010	2-4 weeks lead time
12	28547237 A	NOR	S25FL512SAGBHA210-010	2-4 weeks lead time
13	28636260 A	NOR	S25FL512SDSBHMC10-010	2-4 weeks lead time
14	2944556	NOR	S25FL512SAGBHB210-010	2-4 weeks lead time
15	30301345	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
16	3140 390 64021	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
17	34213966A	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
18	41050YM00-396-G	NOR	S25FL512SAGBHB210-010	2-4 weeks lead time
19	457777-1020	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
20	51-29060Z01-A	NOR	S25FL512SAGMFA010-010	2-4 weeks lead time
21	51-29810Z01-A	NOR	S25FL512SAGMFAG10-010	2-4 weeks lead time
22	51-29810Z01-B	NOR	S25FL512SAGMFAG10-010	2-4 weeks lead time
23	51-38229Z01-A	NOR	S25FL512SAGMFBG10-010	2-4 weeks lead time
24	520966230816	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
25	520966231566	NOR	S25FL512SAGMFAG10-010	2-4 weeks lead time
26	645725900A	NOR	S25FL512SAGBHM210-010	2-4 weeks lead time
27	8611200270	NOR	S25FL512SAGBHBA10-010	2-4 weeks lead time
28	8909005437	NOR	S25FL512SAGBHBA10-010	2-4 weeks lead time
29	9023596AA	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
30	9024336AA	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
31	90700000024A	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
32	949588-0260	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
33	949588-2010	NOR	S25FL512SAGMFBG10-010	2-4 weeks lead time
34	980000919	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
35	99326-02831	NOR	S25FL512SAGBHBB10-010	2-4 weeks lead time
36	A2C00870000 A	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
37	A2C0087000000 A	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
38	A2C01697600 A	NOR	S99FL512SDSMFBG10-010	2-4 weeks lead time
39	A2C01915500 A	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
40	A2C0191550000 A	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
41	A2C02529000 A	NOR	S99FL512SDSMFBG10-010	2-4 weeks lead time
42	A2C04507700	NOR	S25FL512SDSBHMC10-010	2-4 weeks lead time
43	C3FBSY000074	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
44	E134119	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
45	E14448500	NOR	S25FL512SAGBHBA10-010	2-4 weeks lead time
46	EA3-16B002	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
47	EUFZ0332-CY	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
48	P770033CF0C000	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
49	P770033C-F0C000	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
50	P7700550F0C000	NOR	S25FL512SAGBHB210-010	2-4 weeks lead time
51	P7700550-F0C000	NOR	S25FL512SAGBHB210-010	2-4 weeks lead time
52	S25FL512SAGBHA210	NOR	S25FL512SAGBHA210-010	2-4 weeks lead time
53	S25FL512SAGBHA213	NOR	S25FL512SAGBHA210-010	2-4 weeks lead time
54	S25FL512SAGBHAC10	NOR	S25FL512SAGBHAC10-010	2-4 weeks lead time

55	S25FL512SAGBHAC13	NOR	S25FL512SAGBHAC10-010	2-4 weeks lead time
56	S25FL512SAGBHB210	NOR	S25FL512SAGBHB210-010	2-4 weeks lead time
57	S25FL512SAGBHBA10	NOR	S25FL512SAGBHBA10-010	2-4 weeks lead time
58	S25FL512SAGBHBA13	NOR	S25FL512SAGBHBA10-010	2-4 weeks lead time
59	S25FL512SAGBHBB10	NOR	S25FL512SAGBHBB10-010	2-4 weeks lead time
60	S25FL512SAGBHBB13	NOR	S25FL512SAGBHBB10-010	2-4 weeks lead time
61	S25FL512SAGBHBC13	NOR	S25FL512SAGBHBC10-010	2-4 weeks lead time
62	S25FL512SAGBHM210	NOR	S25FL512SAGBHM210-010	2-4 weeks lead time
63	S25FL512SAGBHM213	NOR	S25FL512SAGBHM210-010	2-4 weeks lead time
64	S25FL512SAGBHMA10	NOR	S25FL512SAGBHMA10-010	2-4 weeks lead time
65	S25FL512SAGBHMA13	NOR	S25FL512SAGBHMA10-010	2-4 weeks lead time
66	S25FL512SAGBHMC10	NOR	S25FL512SAGBHMC10-010	2-4 weeks lead time
67	S25FL512SAGBHMC13	NOR	S25FL512SAGBHMC10-010	2-4 weeks lead time
68	S25FL512SAGMFA010	NOR	S25FL512SAGMFA010-010	2-4 weeks lead time
69	S25FL512SAGMFA011	NOR	S25FL512SAGMFA010-010	2-4 weeks lead time
70	S25FL512SAGMFA013	NOR	S25FL512SAGMFA010-010	2-4 weeks lead time
71	S25FL512SAGMFAG10	NOR	S25FL512SAGMFAG10-010	2-4 weeks lead time
72	S25FL512SAGMFAG13	NOR	S25FL512SAGMFAG10-010	2-4 weeks lead time
73	S25FL512SAGMFAR10	NOR	S25FL512SAGMFAR10-010	2-4 weeks lead time
74	S25FL512SAGMFAR13	NOR	S25FL512SAGMFAR10-010	2-4 weeks lead time
75	S25FL512SAGMFB010	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
76	S25FL512SAGMFB011	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
77	S25FL512SAGMFB013	NOR	S25FL512SAGMFB010-010	2-4 weeks lead time
78	S25FL512SAGMFBG10	NOR	S25FL512SAGMFBG10-010	2-4 weeks lead time
79	S25FL512SAGMFBG13	NOR	S25FL512SAGMFBG10-010	2-4 weeks lead time
80	S25FL512SAGMFMG10	NOR	S25FL512SAGMFMG10-010	2-4 weeks lead time
81	S25FL512SAGMFMG10HA	NOR	S25FL512SAGMFMG10-010	2-4 weeks lead time
82	S25FL512SAGMFMG13	NOR	S25FL512SAGMFMG10-010	2-4 weeks lead time
83	S25FL512SAGMFMR10	NOR	S25FL512SAGMFMR10-010	2-4 weeks lead time
84	S25FL512SAGMFMR13	NOR	S25FL512SAGMFMR10-010	2-4 weeks lead time
85	S25FL512SDPBHB210	NOR	S25FL512SDPBHB210-010	2-4 weeks lead time
86	S25FL512SDPBHB210VCX0911	NOR	S25FL512SDPBHB210-010	2-4 weeks lead time
87	S25FL512SDPBHB213	NOR	S25FL512SDPBHB210-010	2-4 weeks lead time
88	S25FL512SDPBHBC10	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
89	S25FL512SDPBHBC13	NOR	S25FL512SDPBHBC10-010	2-4 weeks lead time
90	S25FL512SDSBHBC10	NOR	S25FL512SDSBHBC10-010	2-4 weeks lead time
91	S25FL512SDSBHBC13	NOR	S25FL512SDSBHBC10-010	2-4 weeks lead time
92	S25FL512SDSBHMC10	NOR	S25FL512SDSBHMC10-010	2-4 weeks lead time
93	S25FL512SDSBHMC13	NOR	S25FL512SDSBHMC10-010	2-4 weeks lead time
94	S25FL512SDSMFB010	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
95	S25FL512SDSMFB010YZK000	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
96	S25FL512SDSMFB013	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time
97	S25FL512SDSMFBG10	NOR	S25FL512SDSMFBG10-010	2-4 weeks lead time
98	S25FL512SDSMFBG11	NOR	S25FL512SDSMFBG10-010	2-4 weeks lead time
99	S25FL512SDSMFBG13	NOR	S25FL512SDSMFBG10-010	2-4 weeks lead time
100	S25FL512SDSMFM010	NOR	S25FL512SDSMFM010-010	2-4 weeks lead time
101	S25FL512SDSMFM013	NOR	S25FL512SDSMFM010-010	2-4 weeks lead time
102	S99FL512S0001 P	NOR	S25FL512SAGMFAG10-010	2-4 weeks lead time
103	S99FL512SDSMFBG13	NOR	S25FL512SDSMFBG10-010	2-4 weeks lead time
104	TN949588-0260	NOR	S25FL512SDSMFB010-010	2-4 weeks lead time