



Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134. Tel: (408) 943-2600

PRODUCT INFORMATION NOTIFICATION

PIN: PIN173101

Date: August 07, 2017

Subject: Qualification of ChipMOS Shanghai as an Additional Wafer Sort Site for Select NOR Products

To:

Change Type: Minor

Description of Change:

Cypress announces the qualification of ChipMOS Technologies Ltd in Shanghai as an additional Wafer Sort Site for select NOR products. This wafer sort site has been in operation for 15 years and is an ISO9001 and TS16959 qualified site.

The ChipMOS Technologies Ltd (Shanghai) site is in the Qingpu Industrial Zone of Shanghai, China. The test area has over 30,000 sq. feet of class 1000 clean room and supports over 2000 sort outs each week. The facility is a provider of semiconductor manufacturing services in assembly, test, and finish processes. Their assembly and test facilities in Taiwan are already a qualified site for Cypress products. This qualification will enable these products to have a second source test site, and leverage ChipMOS' manufacturing expertise and quality focus. This in turn provides the means for Cypress to continue to meet our customers' requirements and meet our delivery commitments in dynamic market conditions.

Hardware and test programs are the same as at the currently qualified sort sites.

Benefit of Change:

This change will provide a second wafer sort site for select NOR products. This will expand the sort test capacity of Cypress to support the delivery of these products to Cypress' customers. ChipMOS has been a longtime partner for Flash sort. The ChipMOS, Taiwan facility has been a fully qualified sort location for Flash sort. The tool-set used for Flash sort, in ChipMOS Shanghai was transferred from ChipMOS Taiwan. The executive management team in ChipMOS Taiwan will oversee the sort facility in ChipMOS Shanghai. The products that will be supported by ChipMOS Shanghai are non-automotive Flash products.

Cypress will have the added capability to meet varying market demand, and to ensure consistent and reliable delivery performance to customers.

Part Numbers Affected: 93

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PIN will include all changes outlined in this PIN.

Qualification Status:

This Wafer Sort site has been qualified through a series of tests documented in the Qualification Test Plan QTP172704. This qualification report can be found as an attachment to this PIN.

Approximate Implementation Date:

This change will be implemented effective with the date of this notification.

Anticipated Impact:

Products sorted at ChipMOS Shanghai are completely compatible with existing products from a functional, parametric, and quality performance perspective. Products fabricated at the new site are completely compatible with existing products from a functional, parametric, and quality performance perspective.

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

Item	Marketing Part Number
1	40060144
2	40060229
3	16-3743-01
4	S29GL01GP11FAIR10
5	S29GL01GP11FAIR12
6	S29GL01GP11FAIR20
7	S29GL01GP11FFCR10
8	S29GL01GP11FFCR20
9	S29GL01GP11FFIR10
10	S29GL01GP11FFIR10A
11	S29GL01GP11FFIR12
12	S29GL01GP11FFIR20
13	S29GL01GP11TAIR10
14	S29GL01GP11TAIR20
15	S29GL01GP11TFCR10
16	S29GL01GP11TFCR13
17	S29GL01GP11TFCR20
18	S29GL01GP11TFIR10
19	S29GL01GP11TFIR13
20	S29GL01GP11TFIR20
21	S29GL01GP12FAI010
22	S29GL01GP12FAI020
23	S29GL01GP12FFI010
24	S29GL01GP12FFI012
25	S29GL01GP12FFI020
26	S29GL01GP12FFI022
27	S29GL01GP12TFI010
28	S29GL01GP12TFI020
29	S29GL01GP12TFI023
30	S29GL01GP13FAIV10
31	S29GL01GP13FAIV20
32	S29GL01GP13FFIV10
33	S29GL01GP13FFIV13
34	S29GL01GP13FFIV20
35	S29GL01GP13TFIV10
36	S29GL01GP13TFIV20
37	S29GL01GP13TFIV23
38	S70GL02GP11FAIR10
39	S70GL02GP11FAIR20
40	S70GL02GP11FAIR22
41	S70GL02GP11FFIR10
42	S70GL02GP11FFIR12
43	S70GL02GP11FFIR20
44	S99-50276
45	S99-50277
46	S99GL01GP11FFIR10
47	S99GL01GP11TFIR10
48	S99GL01GP11TFIR20
49	S99GL01GP13FFIV10
50	MSP14LV320-E1-TJ-001

51	MSP14LV640-E1-TJ-001
52	MSP17LV324-E1-TJ-001
53	S29GL08GT11SFCR00
54	S98KL0BGT00HC0040
55	S99-50406
56	S99-50416
57	S99-50420
58	S99-50477
59	40060081
60	40060225
61	S29GL512N10FFA010
62	S29GL512N10TAI010
63	S29GL512N11FFA020
64	S29GL512N11FFI010
65	S29GL512N11FFVR20
66	S29GL512N11TFI020
67	S25FL256LAGBHB020
68	S25FL256LAGBHI020
69	S25FL256LAGBHI023
70	S25FL256LAGBHI030
71	S25FL256LAGBHM020
72	S25FL256LAGBHM023
73	S25FL256LAGBHM030
74	S25FL256LAGBHV020
75	S25FL256LAGBHV030
76	S25FL256LAGMFB000
77	S25FL256LAGMFB003
78	S25FL256LAGMFI000
79	S25FL256LAGMFI001
80	S25FL256LAGMFI003
81	S25FL256LAGMFM000
82	S25FL256LAGMFN000
83	S25FL256LAGMFV000
84	S25FL256LAGNFB010
85	S25FL256LAGNFI010
86	S25FL256LAGNFM010
87	S25FL256LAGNFV010
88	S25FL256LDPBHI020
89	S25FL256LDPBHI030
90	S25FL256LDPBHV020
91	S25FL256LDPMFI000
92	S25FL256LDPNFI010
93	S99-50478