



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN201501

Date: April 07, 2020

Subject: Qualification of Tera Probe, Inc. Japan as an Additional Wafer Sort Site for Flash NOR GL01GS and GL512S Products

Description of Change:

Cypress announces the qualification of Tera Probe, Inc., Japan (Kyushu Operation Center, 1580-1 Yunoura, Ashikita-machi, Ashikita-gun, Kumamoto) as an additional wafer-level test (sort) site for NOR Flash GL01GS and GL512S products. These products are currently being tested on the Verigy V5400 test platform at Test 25 in Austin, Texas and are now qualified on the Advantest 5830 test platform at Tera Probe, Inc. There are no changes to the test coverage and methodology.

This qualification will allow Cypress to leverage Tera Probe's manufacturing expertise with quality focus. This in turn also provides the means for Cypress to continue to meet its customers' IC testing needs as well as delivery commitments in dynamic, changing market conditions. Tera Probe, Inc. is certified on several international quality standards: IATF16949, ISO 9001, ISO 14001 and OHSAS 18001. Tera Probe's certificates can be viewed on their corporate web site: <http://www.teraprobe.com/english/corporate/iso.html>

Cypress qualification is in compliance with JEDEC and AEC standards. To help expedite the implementation of this site, please share any additional customer specific qualification and test requirements at the earliest.

Benefit of Change:

Cypress will have the added capability to meet varying market demand, and to ensure consistent and reliable delivery performance to customers. Immediate adoption of Tera Probe material will also help secure material and minimize supply interruption in the future.

Part Numbers Affected: 120

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change.

Qualification Status:

This wafer sort site has been qualified through a series of tests documented in the Qualification Test Plan summarized in the table below. These qualification 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
191702	Sort Site Addition of Tera Probe Advantest T5830 65nm Technology, XMC S29GL01GS 1Gb NOR Flash Memory
194709	Sort Site Addition of Tera Probe Advantest T5830 65nm Technology, XMC S29GL512S 512Mb NOR Flash Memory

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:

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

Anticipated Impact:

No impact is expected to form, fit, function, datasheet parameters, package composition or package pin-out.

Method of Identification:

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

Response Required:

Please share any additional qualification and test requirements if needed.

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 51-02204V01-A
2 51-28571Z01-A
3 51-22113Z01-A
4 51-32240Z01-A
5 99326-E1270
6 99326-E1270-A
7 99326-1241
8 99326-E1241
9 8 611 200 914
10 8 611 200 948
11 8909003587
12 8 611 200 160
13 8 611 200 915
14 8 611 200 891
15 8 611 200 989
16 8 611 200 975
17 8611200160
18 8611200171
19 051GL01GS11DHSV020
20 051GL512S10TFI010
21 A2C01206600 A
22 A2C03281500
23 A2C00641800 A
24 A2C00713500 A
25 A2C02695700 A
26 A2C03362500 A
27 A2C03362500
28 28633886 A
29 28326167 A
30 28328261 A
31 28633887 A
32 10324-04890
33 949588-0080
34 949588-1750
35 462791-0870
36 949588-0470
37 10324-02440
38 811600-78030870
39 811600-79240870
40 811600-69370870
41 811600-79250870
42 TN949588-0080
43 00003302768
44 00002444259
45 00003302776
46 00002331896
47 793.560-00
48 GE410199-1
49 GE410199 1
50 E3203009375
51 EAN64171801
52 S99GL512S0100 P
53 S99GL512S0190 P
54 E3203006919
55 0791075319RFU00

56 0791077399RQA00
57 170-0121-000
58 170-0157-000
59 170-0157-000 D
60 2325090
61 P770038DF5C000
62 P770038D-F5C000
63 P770020CF5C000
64 P770020C-F5C000
65 P770116DF0C000
66 P770023CF0C000
67 K770024CF0C000
68 P770028F0C000
69 P770028CF0C000
70 7GA6Y0216F0
71 S29GL01GS11TFB010YZK000
72 S29GL01GS11TFB010YZK001
73 S29GL512S11TFB010YZK000
74 S29GL512S11TFB010YZK001
75 S29GL01GS10DHA013
76 S29GL01GS10DHA020
77 S29GL01GS10DHA023
78 S29GL01GS10TFA010
79 S29GL01GS10TFA020
80 S29GL01GS10TFA023
81 S29GL01GS11DHA020
82 S29GL01GS11DHA023
83 S29GL01GS11DHAV20
84 S29GL01GS11DHAV23
85 S29GL01GS11DHB010
86 S29GL01GS11DHB013
87 S29GL01GS11DHB020
88 S29GL01GS11DHB023
89 S29GL01GS11FHB020
90 S29GL01GS11FHB023
91 S29GL01GS11TFA010
92 S29GL01GS11TFB010
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98 S29GL512S10TFA010
99 S29GL512S10TFA020
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111 S29GL512S11FHB023
112 S29GL512S11GHB020

113 S29GL512S11TFA020
114 S29GL512S11TFAV10
115 S29GL512S11TFB010
116 S29GL512S11TFB020
117 S29GL512S11TFB023
118 S29GL512S12DHBV10
119 S29GL512S12TFBV10
120 S29GL512S12TFBV20