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ADVANCE PRODUCT CHANGE NOTIFICATION

APCN: APCN181801B

Date: June 19, 2019

Subject: Addendum to APCN181801A - Planned Qualification of TeraProbe, Inc. Japan as an Additional Wafer Test (Sort) Site for GL-S Product Family

To:

Description of Change:

The purpose of this addendum is to communicate the new schedule for the planned qualification of Tera Probe, Inc. as an additional wafer test sort site for GL-S products.

Cypress announced the planned qualification of TeraProbe, Inc. Japan (Kyushu Operation Center, 1580-1 Yunoura, Ashikita-machi, Ashikita-gun, Kumamoto) as an additional wafer-level test (Sort) site for the GL-S products. These products are currently being tested at Test 25 in Austin, Texas. Tera Probe, Inc. uses the next generation Advantest 5830 for testing. There will be no changes to the test program coverage or test methodologies.

This qualification will allow Cypress to leverage TeraProbe's manufacturing expertise and 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: ISO / TS16949, 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.

Part Numbers Affected: 391

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

Qualification Status:

Estimated completion dates for internal qualification and sample availability dates are provided in the table below.

Estimated Cypress Qualification	Estimated PCN Publication Date	Estimated Implementation Date
Q4'2019	Q4'2019	Q4'2019

Approximate Implementation Date:

The estimated implementation date is provided in table above.

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	00002331896
2	00002444259
3	00003302768
4	00003302776
5	051GL01GS11DHV020
6	051GL256S90TFI010
7	051GL512S10TFI010
8	0791074549RFU00
9	0791075319RFU00
10	0791076509RFU00
11	0791077399RQA00
12	10324-02440
13	10324-04890
14	110778
15	121877
16	122046
17	156739-1A
18	16-3636-01-P
19	16-4072-01A
20	16-4072-01A-T
21	16-4186-01
22	16-4369-01
23	16-4369-01-T
24	170-0121-000
25	170-0157-000
26	170-0157-000A
27	170-0157-000D
28	2325090
29	2437530
30	26005957
31	2603571
32	2603572
33	2675454
34	28319201 A
35	28326167 A
36	28328261 A
37	28329184 A
38	28333513 A
39	28335081 A
40	28335081 B
41	28370621 A
42	28377399 A
43	28384698 A
44	28443776 A
45	28456781 A
46	28471162 A
47	2IO2912ABTA-R
48	315-0825-000
49	315-0825-000AAA
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51	40060327
52	40060423
53	40060424
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58	40060430
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60	40060493
61	40060542
62	40060912
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64	457780-8520
65	462791-0870
66	51-02204V01-A
67	51-22113Z01-A
68	51-22808Z01-A
69	51-22809Z01-A
70	51-28571Z01-A
71	51-32094Z01-A
72	51-32240Z01-A
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78	7GA6Y0216F0
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82	8 611 200 915
83	8 611 200 948
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93	811600-81300870
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95	8611200171
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97	8611200278
98	8611200999
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106	949588-0080
107	949588-0470
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142	P770010CF9C000
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144	P770011CF9C000
145	P770011C-F9C000
146	P770011CF9C006
147	P770011CF9C353
148	P770011C-F9C353
149	P770011CF9C375
150	P770011C-F9C375
151	P770011CF9C975
152	P770011C-F9C975

153	P770011CF9CA76
154	P770011C-F9CA76
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156	P770012C-F9C000
157	P770013CF9C000
158	P7700170F9C000
159	P7700170-F9C000
160	P770019CF8C000
161	P770019CF8C002
162	P770019DF8C003
163	P770020C-F5C000
164	P770021DF9C000
165	P770021D-F9C000
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167	P7700280F0C000
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184	S29GL01GS10DHI020
185	S29GL01GS10DHI023
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187	S29GL01GS10FHI023
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189	S29GL01GS10TFI010A
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193	S29GL01GS11DHB010
194	S29GL01GS11DHB013
195	S29GL01GS11DHIV10
196	S29GL01GS11DHIV10A
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199	S29GL01GS11DHIV23
200	S29GL01GS11DHV020
201	S29GL01GS11DHV023
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203	S29GL01GS11FHIV13

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208	S29GL01GS11TFIV20A
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210	S29GL01GS11TFV020
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212	S29GL064S70TFI010
213	S29GL064S70TFI030
214	S29GL064S70TFI040
215	S29GL064S80BHV030
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371	S99GL128S0020
372	S99GL128S0030
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384	S99GL512S0160
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