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ADVANCE PRODUCT CHANGE NOTIFICATION

APCN: APCN181801A

Date: October 14, 2018

Subject: Addendum to APCN181801 - Planned Qualification of Tera Probe, Inc. Japan as an Additional Wafer Test (Sort) Site for GL-S Product Family

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 Tera Probe, Inc. Japan 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 Tera Probe'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
March 2019	March 2019	June 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	Item	Marketing Part Number	Item	Marketing Part Number
1	00002331896	55	40060426	109	99326-00904
2	00002444259	56	40060427	110	99326-01329
3	00003302768	57	40060428	111	99326-1241
4	00003302776	58	40060430	112	99326-E1241
5	051GL01GS11DHV020	59	40060431	113	99326-E1270
6	051GL256S90TFI010	60	40060493	114	99326-E1270-A
7	051GL512S10TFI010	61	40060542	115	A2C00641800 A
8	0791074549RFU00	62	40060912	116	A2C00713500 A
9	0791075319RFU00	63	457780-8510	117	A2C00949500 A
10	0791076509RFU00	64	457780-8520	118	A2C01206600 A
11	0791077399RQA00	65	462791-0870	119	A2C01743000 A
12	10324-02440	66	51-02204V01-A	120	A2C02695700 A
13	10324-04890	67	51-22113Z01-A	121	A2C03281500 A
14	110778	68	51-22808Z01-A	122	A2C03283100 A
15	121877	69	51-22809Z01-A	123	A2C03292100 A
16	122046	70	51-28571Z01-A	124	C3FBRY000049
17	156739-1A	71	51-32094Z01-A	125	DK280319
18	16-3636-01-P	72	51-32240Z01-A	126	DK280531
19	16-4072-01A	73	629768800A	127	DK281535
20	16-4072-01A-T	74	634837200A	128	DK289831
21	16-4186-01	75	791076509RFU00	129	DK298757
22	16-4369-01	76	793.560-00	130	E3203006919
23	16-4369-01-T	77	7GA6Y0090M0	131	E3203008668
24	170-0121-000	78	7GA6Y0216F0	132	E3203009375
25	170-0157-000	79	811600-69370870	133	EAN62691701
26	170-0157-000A	80	811600-71480870	134	EAN64171801
27	170-0157-000D	81	811600-78030870	135	EE3203008668
28	2325090	82	811600-79240870	136	F020068611
29	2437530	83	811600-79250870	137	GE410199-1
30	26005957	84	811600-81300870	138	IS29GL256S-10DHB02-TR
31	2603571	85	8 611 200 138	139	JQ-GL512S
32	2603572	86	8611200160	140	K770024CF0C000
33	2675454	87	8611200171	141	P770009CF9C000
34	28319201 A	88	8611200277	142	P770010CF9C000
35	28326167 A	89	8611200278	143	P770010C-F9C000
36	28328261 A	90	8 611 200 891	144	P770011CF9C000
37	28329184 A	91	8 611 200 914	145	P770011C-F9C000
38	28333513 A	92	8 611 200 915	146	P770011CF9C006
39	28335081 A	93	8 611 200 948	147	P770011CF9C353
40	28335081 B	94	8 611 200 975	148	P770011C-F9C353
41	28370621 A	95	8 611 200 976	149	P770011CF9C375
42	28377399 A	96	8 611 200 977	150	P770011C-F9C375
43	28384698 A	97	8 611 200 989	151	P770011CF9C975
44	28443776 A	98	8611200999	152	P770011C-F9C975
45	28456781 A	99	8909003587	153	P770011CF9CA76
46	28471162 A	100	8909005100	154	P770011C-F9CA76
47	2IO2912ABTA-R	101	949587-9870	155	P770012CF9C000
48	315-0825-000	102	949587-9890	156	P770012C-F9C000
49	315-0825-000AAA	103	949587-997	157	P770013CF9C000
50	40060325	104	949587-9970	158	P7700170F9C000
51	40060327	105	949588-0020	159	P7700170-F9C000
52	40060423	106	949588-0080	160	P770019CF8C000
53	40060424	107	949588-0470	161	P770019CF8C002
54	40060425	108	955153-00027	162	P770019DF8C003

Item	Marketing Part Number	Item	Marketing Part Number	Item	Marketing Part Number
163	P770020C-F5C000	216	S29GL064S80BHV040	269	S29GL256S10TFB010YZK000
164	P770021DF9C000	217	S29GL064S80DHB020	270	S29GL256S10TFB023
165	P770021D-F9C000	218	S29GL064S80DHIV10	271	S29GL256S10TFI010
166	P770023CF0C000	219	S29GL064S80DHV010	272	S29GL256S10TFI020
167	P7700280F0C000	220	S29GL064S80TFB040YZK000	273	S29GL256S10TFIV20
168	P770028CF0C000	221	S29GL064S80TFV030	274	S29GL256S10TFV010
169	P770032CF0C000	222	S29GL064S80TFV040	275	S29GL256S10TFV010A
170	P770032CF0C001	223	S29GL128S10DHB020	276	S29GL256S11DHB023
171	P770032DF0C017	224	S29GL128S10DHB023	277	S29GL256S11DHV023
172	P770035DF90000	225	S29GL128S10DHI010	278	S29GL256S11FHIV10
173	P770035D-F90000	226	S29GL128S10DHI020	279	S29GL256S11FHIV13
174	P770038DF5C000	227	S29GL128S10DHIV10	280	S29GL256S11TFV020
175	P770038D-F5C000	228	S29GL128S10TFB010YZK00	281	S29GL256S11TFV023
176	P770048CF0C000	229	S29GL128S10TFI020	282	S29GL256S90DHI010
177	P770055CFYC000	230	S29GL128S10TFIV10	283	S29GL256S90DHI010A
178	P770098DF0C000	231	S29GL128S10TFIV10A	284	S29GL256S90DHI010Y
179	S29GL01GS10DHA020	232	S29GL128S10TFIV10D	285	S29GL256S90DHI020
180	S29GL01GS10DHA020A	233	S29GL128S10TFIV13	286	S29GL256S90DHI020A
181	S29GL01GS10DHA023	234	S29GL128S10TFIV13A	287	S29GL256S90DHI023
182	S29GL01GS10DHI010	235	S29GL128S10TFV010A	288	S29GL256S90FHSS40
183	S29GL01GS10DHI010A	236	S29GL128S11DHV023	289	S29GL256S90GHI010
184	S29GL01GS10DHI020	237	S29GL128S11TFIV20	290	S29GL256S90GHI020
185	S29GL01GS10DHI023	238	S29GL128S90DHI010	291	S29GL256S90GHI020A
186	S29GL01GS10FHIV020	239	S29GL128S90DHI010A	292	S29GL256S90TFA010
187	S29GL01GS10FHIV023	240	S29GL128S90DHI013	293	S29GL256S90TFA020
188	S29GL01GS10TFI010	241	S29GL128S90DHI020	294	S29GL256S90TFA023
189	S29GL01GS10TFI010A	242	S29GL128S90DHI020A	295	S29GL256S90TFI010
190	S29GL01GS10TFI010D	243	S29GL128S90FHIV010	296	S29GL256S90TFI010A
191	S29GL01GS10TFI020	244	S29GL128S90FHIV020	297	S29GL256S90TFI010D
192	S29GL01GS10TFI020A	245	S29GL128S90FHSS10	298	S29GL256S90TFI013
193	S29GL01GS11DHB010	246	S29GL128S90FHSS20	299	S29GL256S90TFI020
194	S29GL01GS11DHB013	247	S29GL128S90TFA010	300	S29GL256S90TFI020A
195	S29GL01GS11DHIV10	248	S29GL128S90TFA020	301	S29GL256S90TFI020D
196	S29GL01GS11DHIV10A	249	S29GL128S90TFA023	302	S29GL256S90TFI023
197	S29GL01GS11DHIV20	250	S29GL128S90TFI010	303	S29GL512S10DHA010
198	S29GL01GS11DHIV20A	251	S29GL128S90TFI010A	304	S29GL512S10DHA020
199	S29GL01GS11DHIV23	252	S29GL128S90TFI010D	305	S29GL512S10DHA023
200	S29GL01GS11DHV020	253	S29GL128S90TFI020	306	S29GL512S10DHI010
201	S29GL01GS11DHV023	254	S29GL128S90TFI020A	307	S29GL512S10DHI010A
202	S29GL01GS11FHIV10	255	S29GL128S90TFI020D	308	S29GL512S10DHI010Y
203	S29GL01GS11FHIV13	256	S29GL128S90TFI023	309	S29GL512S10DHI020
204	S29GL01GS11TFB010YZK000	257	S29GL256S10DHA023	310	S29GL512S10DHI020A
205	S29GL01GS11TFIV10	258	S29GL256S10DHAV23	311	S29GL512S10DHI020Y
206	S29GL01GS11TFIV10A	259	S29GL256S10DHB020	312	S29GL512S10DHI023
207	S29GL01GS11TFIV13	260	S29GL256S10DHB023	313	S29GL512S10GHI020
208	S29GL01GS11TFIV20A	261	S29GL256S10DHI010	314	S29GL512S10TFI010
209	S29GL01GS11TFV010	262	S29GL256S10DHI020	315	S29GL512S10TFI010A
210	S29GL01GS11TFV020	263	S29GL256S10DHI023	316	S29GL512S10TFI010D
211	S29GL01GS12DHVV10	264	S29GL256S10DHV020	317	S29GL512S10TFI010Y
212	S29GL064S70TFI010	265	S29GL256S10DHV023	318	S29GL512S10TFI013
213	S29GL064S70TFI030	266	S29GL256S10FHIV10	319	S29GL512S10TFI020
214	S29GL064S70TFI040	267	S29GL256S10TFA020	320	S29GL512S10TFI020A
215	S29GL064S80BHV030	268	S29GL256S10TFA023	321	S29GL512S10TFI020D

Item	Marketing Part Number	Item	Marketing Part Number
322	S29GL512S10TFI023	357	S29GL512S12DHBV10
323	S29GL512S11DHA020	358	S29GL512S12DHBV10A
324	S29GL512S11DHA023	359	S29GL512S12TFIV10
325	S29GL512S11DHAV23	360	S70GL02GS11FHI010
326	S29GL512S11DHB010	361	S70GL02GS11FHI013
327	S29GL512S11DHB020	362	S70GL02GS11FHI020
328	S29GL512S11DHB023	363	S70GL02GS11FHI020A
329	S29GL512S11DHI010	364	S70GL02GS11FHV023
330	S29GL512S11DHI020	365	S99-50271
331	S29GL512S11DHI023	366	S99-50336 P
332	S29GL512S11DHIV10	367	S99-50473
333	S29GL512S11DHIV10A	368	S99GL01GS0050
334	S29GL512S11DHIV13	369	S99GL01GS0090
335	S29GL512S11DHIV23	370	S99GL064S0010P
336	S29GL512S11DHV010	371	S99GL128S0020
337	S29GL512S11DHV023	372	S99GL128S0030
338	S29GL512S11FHIV10	373	S99GL128S0050
339	S29GL512S11GHB020	374	S99GL128S0120
340	S29GL512S11TFAV10	375	S99GL256S0020
341	S29GL512S11TFAV10A	376	S99GL256S0030
342	S29GL512S11TFB010	377	S99GL256S0110
343	S29GL512S11TFB010YZK000	378	S99GL256S0120
344	S29GL512S11TFB010YZK001	379	S99GL256S0160P
345	S29GL512S11TFI010	380	S99GL512S0010
346	S29GL512S11TFI020	381	S99GL512S0020
347	S29GL512S11TFIV10	382	S99GL512S0040
348	S29GL512S11TFIV10A	383	S99GL512S0100P
349	S29GL512S11TFIV10D	384	S99GL512S0160
350	S29GL512S11TFIV13	385	S99GL512S0160P
351	S29GL512S11TFIV20	386	S99GL512S0170
352	S29GL512S11TFV010	387	S99GL512S0180
353	S29GL512S11TFV010A	388	S99GL512S0190P
354	S29GL512S11TFV020	389	TN457780-8520
355	S29GL512S11TFV020A	390	TN949587-9970
356	S29GL512S11TFV020D	391	TN949588-0080