



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

PRODUCT INFORMATION NOTIFICATION

PIN: PIN145299

Date: June 02, 2014

Subject: Addendum to PIN145281: Qualification of New Carrier Tape Supplier at Cypress Philippines

To: PCN ADMIN
CYPRESS
pcn_admin@cypress.com

Change Type: Minor

Description of Change:

Cypress Philippines has qualified Advantek and C-Pak as new suppliers for 12/16/24/32/44 mm width Carrier tape. The newly qualified carrier tapes have a modified pocket to improve unit placement and stability needed during assembly until product shipment.

This addendum PIN is to correct the number of affected part numbers stated in the PIN145281. The total number of affected parts is 487 instead of 1781.

Refer to the following comparison table for current and new carrier tape attributes.

ATTRIBUTES		CURRENT CARRIER TAPE	NEWLY QUALIFIED CARRIER TAPE	
Carrier Tape Supplier		PEAK	ADVANTEK	C-PAK
Material Thickness		0.30 ± 0.05mm	0.30 ± 0.05mm	0.30 ± 0.05mm
Tape Width	12 mm	12.0 ± 0.30mm	12.0 ± 0.30mm	12.0 ± 0.30mm
	16 mm	16.0 ± 0.30mm	16.0 ± 0.30mm	16.0 ± 0.30mm
	24 mm	24.0 ± 0.30mm	Not Available	24.0 ± 0.30mm
	32 mm	32.0 ± 0.30mm	32.0 ± 0.30mm	32.0 ± 0.30mm
	44 mm	44.0 ± 0.30mm	44.0 ± 0.30mm	Not Available
Sprocket Hole Pitch		4.00 ± 0.10mm	4.00 ± 0.10mm	4.00 ± 0.10mm
Tape Material		Polystyrene	Polystyrene	Polystyrene
Pocket Width (Ao)		Pocket designs are modified. Refer to attached 'Carrier tape comparison' and 'Carrier tape drawings' files for details		
Pocket Length (Bo)				
Pocket Depth (Ko)				

No changes were made to the following attributes:

- # Unit orientation on carrier pocket
- # Color
- # Length and width
- # Electronic Industries Alliance (EIA) compliance

Benefit of Change:

The newly qualified Advantek and C-Pak are local suppliers and provide immediate technical support and faster material delivery time.

Affected Part Numbers: 487

Affected Parts: Please refer to the attached "Affected part list" file.

Qualification Status:

These changes are qualified through a series of tests detailed in Qualification Test Plan (QTP) report No. 132601. The QTP report can be found as an attachment to this notification or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Approximate Implementation Date:

Effective with the date of this notification, Cypress will transition from Peak International to Advantek and C-Pak carrier tapes for shipments of the affected part numbers.

Anticipated Impact:

No anticipated impact. The new materials have been certified to be equivalent to the current materials from a functional and quality performance perspective.

Cypress recommends that customers take this opportunity to review these changes against their current pick & place programs and equipment parameters to assess if any minor adjustments are needed.

Method of Identification:

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

Response Required:

This is an information only announcement. 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	Tape Width	Current Carrier Tape Drawing
			Peak
1	M8000LFXIT	12	51-52119
2	M6002LFXIT	12	51-52119
3	M6000LFXIT	12	51-52119
4	M4001LFXIT	12	51-52119
5	M4000LFXIT	12	51-52119
6	M3000LFXIT	12	51-52119
7	FM28V402-BGCTR	16	51-51150
8	FM28V202-BGTR	16	51-51150
9	FM28V100-TGTR	24	51-51095
10	FM28V020-TGTR	24	51-51095
11	FM22LD16-55-BGTR	16	51-51150
12	FM21LD16-60-BGTR	16	51-51150
13	CYWB0226ABS-BVXIT	12	001-04710
14	CYWB0226ABM-BVXIEST	12	001-04710
15	CYWB0224ABS-BVXIT	12	001-04710
16	CYWB0124AB-BVXIT	12	001-04710
17	CYWB0124AB-BVXIEST	12	001-04710
18	CYDMX128A16-65BVXIT	12	001-04710
19	CYDM256B16-55BVXIT	12	001-04710
20	CYDM128B16-55BVXIT	12	001-04710
21	CYDM064B16-55BVXIT	12	001-04710
22	CY8CTST242-LTI-01T	16	51-51086
23	CY8CTST241-LTI-01T	16	51-51086
24	CY8CTST200A-24LQXIT	12	51-52119
25	CY8CTST120-56LTXIT	16	51-51165
26	CY8CTMG240-LTI-01T	16	51-51086
27	CY8CTMG201A-48LTXIT	16	51-51086
28	CY8CTMG200A-48LTXIT	16	51-51086
29	CY8CTMG200A-00LTXIT	16	51-51086
30	CY8CTMG200-00LTXIT	16	51-51086
31	CY8CTMG120-56LTXIT	16	51-51165
32	CY8CTMG120-56LTXAT	16	51-51165
33	CY8CTMG120-56LFXAT	16	51-51165
34	CY8CTMA120-56LWXAT	16	51-51165
35	CY8CTMA120-56LTXAT	16	51-51165
36	CY8CTMA120-56LFXAT	16	51-51165
37	CY8CPLC20-48LTXIT	16	51-51086
38	CY8CMBR3116-LQXIT	12	51-52119
39	CY8CMBR3106S-LQXIT	12	51-52119
40	CY8C5568LTI-114T	16	51-51165
41	CY8C5567LTI-079T	16	51-51165
42	CY8C5566LTI-017T	16	51-51165
43	CY8C5468LTI-037T	16	51-51165
44	CY8C5467LTI-007T	16	51-51165
45	CY8C5466LTI-063T	16	51-51165
46	CY8C5368LTI-026T	16	51-51165
47	CY8C5367LTI-003T	16	51-51165
48	CY8C5366LTI-053T	16	51-51165
49	CY8C5365LTI-104T	16	51-51165
50	CY8C5248LTI-030T	16	51-51165
51	CY8C5247LTI-089T	16	51-51165
52	CY8C5246LTI-029T	16	51-51165

53	CY8C3866LTI-209T	16	51-51165
54	CY8C3866LTI-207T	16	51-51165
55	CY8C3866LTI-068T	16	51-51086
56	CY8C3866LTI-067T	16	51-51086
57	CY8C3866LTI-030T	16	51-51165
58	CY8C3865LTI-205T	16	51-51165
59	CY8C3865LTI-014T	16	51-51165
60	CY8C3666LTI-203T	16	51-51165
61	CY8C3666LTI-201T	16	51-51165
62	CY8C3666LTI-050T	16	51-51086
63	CY8C3666LTI-027T	16	51-51165
64	CY8C3665LTI-199T	16	51-51165
65	CY8C3665LTI-044T	16	51-51165
66	CY8C3446LTI-085T	16	51-51165
67	CY8C3446LTI-083T	16	51-51086
68	CY8C3446LTI-074T	16	51-51165
69	CY8C3446LTI-073T	16	51-51086
70	CY8C3445LTI-081T	16	51-51165
71	CY8C3445LTI-079T	16	51-51165
72	CY8C3445LTI-078T	16	51-51086
73	CY8C3444LTI-119T	16	51-51086
74	CY8C3444LTI-110T	16	51-51165
75	CY8C3246LTI-162T	16	51-51086
76	CY8C3246LTI-149T	16	51-51165
77	CY8C3246LTI-128T	16	51-51165
78	CY8C3246LTI-125T	16	51-51086
79	CY8C3245LTI-163T	16	51-51165
80	CY8C3245LTI-144T	16	51-51086
81	CY8C3245LTI-139T	16	51-51086
82	CY8C3244LTI-130T	16	51-51165
83	CY8C3244LTI-123T	16	51-51086
84	CY8C29666-24LTXIT	16	51-51086
85	CY8C28645-24LTXIT	16	51-51086
86	CY8C28643-24LTXIT	16	51-51086
87	CY8C28623-24LTXIT	16	51-51086
88	CY8C27643-24LTXIT	16	51-51086
89	CY8C24994-24LTXIT	16	51-51165
90	CY8C24894-24LTXIT	16	51-51165
91	CY8C24894-24LTXAT	16	51-51165
92	CY8C24894-24LFXAT	16	51-51165
93	CY8C24794-24LTXIT	16	51-51165
94	CY8C247941-24LFXIT	16	51-51165
95	CY8C24494-24BVXIT	12	001-04710
96	CY8C24094-24LTXIT	16	51-51165
97	CY8C21323-24LFXIT	12	51-52119
98	CY8C20666A-24LTXIT	16	51-51086
99	CY8C20646A-24LTXIT	16	51-51086
100	CY8C20636AN-24LTXIT	16	51-51086
101	CY8C20636A-24LTXIT	16	51-51086
102	CY8C20396A-24LQXIT	12	51-52119
103	CY8C20366A-24LQXIT	12	51-52119
104	CY8C20347S-24LQXIT	12	51-52119
105	CY8C20347-24LQXIT	12	51-52119
106	CY8C20346H-24LQXIT	12	51-52119
107	CY8C20346A-24LQXIT	12	51-52119

108	CY8C20337-24LQXIT	12	51-52119
109	CY8C20336H-24LQXIT	12	51-52119
110	CY8C20336AN-24LQXIT	12	51-52119
111	CY8C20336A-24LQXIT	12	51-52119
112	CY8C20334A-12LFXIT	12	51-52119
113	CY8C20334A-12LFXCT	12	51-52119
114	CY8C20334-12LQXIT	12	51-52119
115	CY8C20324-12LQXIT	12	51-52119
116	CY8C20132-LQXIT	12	51-52119
117	CY8C20066A-24LTXIT	16	51-51086
118	CY7C68023-56LTXCT	16	51-51165
119	CY7C68016A-56LTXCT	16	51-51165
120	CY7C68013A-56LTXCT	16	51-51165
121	CY7C68003-24LQXIT	12	51-52119
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126	CY7C65631-56LTXIT	16	51-51165
127	CY7C65631-56LTXCT	16	51-51165
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131	CY7C65630-56LFXAT	16	51-51165
132	CY7C65621-56LTXIT	16	51-51165
133	CY7C65621-56LTXCT	16	51-51165
134	CY7C65620-56LTXIT	16	51-51165
135	CY7C65620-56LTXCT	16	51-51165
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142	CY7C64215-56LTXIT	16	51-51165
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144	CY7C60456-48LTXCT	16	51-51086
145	CY7C60455-48LTXCT	16	51-51086
146	CY7C199NL-15ZXCT	24	51-51095
147	CY7C199D-10ZXIT	24	51-51095
148	CY7C199CN-20ZXIT	24	51-51095
149	CY7C1399BNL-12ZXCT	24	51-51095
150	CY7C1399BN-15ZXIT	24	51-51095
151	CY7C1399BN-12ZXCT	24	51-51095
152	CY7C1386F-200BGCT	44	51-51115
153	CY7C1371S-133BGCT	44	51-51115
154	CY7C1371D-133BGCT	44	51-51115
155	CY7C1366S-166BGCT	44	51-51115
156	CY7C1366C-166BGCT	44	51-51115
157	CY7C1362C-200BGCT	44	51-51115
158	CY7C1361C-100BGCT	44	51-51115
159	CY7C1360S-200BGCT	44	51-51115
160	CY7C1360C-200BGCT	44	51-51115
161	CY7C1357C-100BGCT	44	51-51115
162	CY7C1356C-166BGIT	44	51-51115

163	CY7C1354C-200BGXCT	44	51-51115
164	CY7C1351G-100BGXCT	44	51-51115
165	CY7C1347G-250BGXCT	44	51-51115
166	CY7C1347G-200BGXCT	44	51-51115
167	CY7C1347G-200BGCT	44	51-51115
168	CY7C1347G-133BGXCT	44	51-51115
169	CY7C1327G-133BGXCT	44	51-51115
170	CY7C1069G30-10BVXET	16	51-51150
171	CY7C1069DV33-10ZSXIT	32	51-51147
172	CY7C1069AV33-10ZXCT	32	51-51147
173	CY7C1062DV33-10BGXIT	44	51-51115
174	CY7C1062DV33-10BGIT	44	51-51115
175	CY7C1061G30-10ZXET	32	001-04258
176	CY7C1061G30-10BV1XET	16	51-51150
177	CY7C1061DV33-10ZSXIT	32	51-51147
178	CY7C1061DV18-15ZSXIT	32	51-51147
179	CY7C1061AV33-10ZXIT	32	51-51147
180	CY7C1061AV33-10ZXCT	32	51-51147
181	CY7C10612DV33-10ZSXIT	32	51-51147
182	CY7C1051H30-10BV1XET	16	51-51150
183	CY7C1051DV33-12BAXIT	16	51-51150
184	CY7C1051DV33-10BAXIT	16	51-51150
185	CY7C1041DV33-10BVXIT	16	51-51150
186	CY7C1041DV33-10BVJXIT	16	51-51150
187	CY7C1041DV33-10BVIT	16	51-51150
188	CY7C1041CV33-10BAJXET	16	51-51150
189	CY7C1034DV33-10BGXIT	44	51-51115
190	CY7C1024DV33-10BGXIT	44	51-51115
191	CY7C1021DV33-10XIKAT	16	51-51150
192	CY7C1021DV33-10BVXIT	16	51-51150
193	CY7C1021BNV33L-15BAIT	16	51-51086
194	CY7C10212CV33-12BAXET	16	51-51086
195	CY7C1019DV33-10BVXIT	16	51-51150
196	CY7C1012DV33-10BGXIT	44	51-51115
197	CY7C1012AV33-8BGCT	44	51-51115
198	CY7C1011DV33-12BVXET	16	51-51150
199	CY7C1011DV33-10BVXIT	16	51-51150
200	CY7C1011CV33-12BVXET	16	51-51150
201	CY7C1011CV33-10BAJXET	16	51-51150
202	CY7B995AXIT	24	51-51146
203	CY7B995AXCT	24	51-51146
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205	CY62256VNLL-70ZXET	24	51-51095
206	CY62256VNLL-70ZXCT	24	51-51095
207	CY62256VNLL-70ZRXIT	24	51-51095
208	CY62256VLL-70ZRXIT	24	51-51095
209	CY62256NLL-70ZRXIT	24	51-51095
210	CY62256NLL-55ZXIT	24	51-51095
211	CY62256NLL-55ZXET	24	51-51095
212	CY62256NLL-55ZXAT	24	51-51095
213	CY622565LL-70ZRXIT	24	51-51095
214	CY622565LL-55ZXIT	24	51-51095
215	CY62192ESL-70BGXIT	44	51-51115
216	CY62192ESL-55BGXIT	44	51-51115
217	CY62182ESL-70BGXIT	44	51-51115

218	CY62182ESL-55BGXIT	44	51-51115
219	CY62177EV30LL-55ZXIT	32	001-04258
220	CY62177ESL-55ZXIT	32	001-04258
221	CY62172ESL-70BGXIT	44	51-51115
222	CY62172ESL-55BGXIT	44	51-51115
223	CY62168EV30LL-45BVXIT	16	51-51150
224	CY62167G30-55ZXET	32	001-04258
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227	CY62167G30-45BVXAT	16	51-51150
228	CY62167EV30LL-45ZXIT	32	001-04258
229	CY62167EV30LL-45ZXAT	32	001-04258
230	CY62167EV30LL-45BVXIT	16	51-51150
231	CY62167EV30LL-45BVXAT	16	51-51150
232	CY62167EV30LL-45BVIT	16	51-51150
233	CY62167EV18LL-55BVXIT	16	51-51150
234	CY62167EV18LL-55BVIT	16	51-51150
235	CY62167ELL-45ZXIT	32	001-04258
236	CY62167DV30LL-55ZXIT	32	001-04258
237	CY62158EV30LL-45BVXIT	16	51-51150
238	CY62157EV30LL-55ZXET	32	001-04258
239	CY62157EV30LL-45ZXIT	32	001-04258
240	CY62157EV30LL-45ZXAT	32	001-04258
241	CY62157EV30LL-45XIKAT	16	51-51150
242	CY62157EV30LL-45BVXIT	16	51-51150
243	CY62157EV30LL-45BVXAT	16	51-51150
244	CY62157EV30LL-45BVIT	16	51-51150
245	CY62157EV18LL-55XIKBT	16	51-51150
246	CY62157EV18LL-55IKAT	16	51-51150
247	CY62157EV18LL-55BVXIT	16	51-51150
248	CY62157ELL-55BVXET	16	51-51150
249	CY62148EV30LL-45BVXIT	16	51-51150
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254	CY62147EV30LL-45BVXAT	16	51-51150
255	CY62147EV30LL-45BVIT	16	51-51150
256	CY62147EV30LL-45B2XIT	16	51-51150
257	CY62147EV30LL-45B2XAT	16	51-51150
258	CY62147EV18LL-55BVXIT	16	51-51150
259	CY62146EV30LL-45BVXIT	16	51-51150
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262	CY62138FV30LL-45BVXIT	16	51-51150
263	CY62138EV30LL-45BVXIT	16	51-51150
264	CY62137FV30LL-55BVXET	16	51-51150
265	CY62137FV30LL-45BVXIT	16	51-51150
266	CY62137FV18LL-55BVXIT	16	51-51150
267	CY62137EV30LL-45BVXIT	16	51-51150
268	CY62136FV30LL-45BVXIT	16	51-51150
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271	CY62128EV30LL-45ZAXAT	24	51-51095
272	CY62128ELL-55ZAXET	24	51-51095

273	CY62128ELL-45ZAXIT	24	51-51095
274	CY62127DV30LL-55BVXIT	16	51-51150
275	CY62126EV30LL-55BVXET	16	51-51150
276	CY62126EV30LL-45BVXIT	16	51-51150
277	CY2XP61LQXIT	12	51-52119
278	CY2XP61LQXCT	12	51-52119
279	CY29976AXIT	24	51-51146
280	CY29973AXIT	24	51-51146
281	CY29972AXIT	24	51-51146
282	CY29949AXIT	24	51-51146
283	CY29774AXIT	24	51-51146
284	CY2548IT	12	51-52119
285	CY2548FIT	12	51-52119
286	CY2548FCT	12	51-52119
287	CY2548CT	12	51-52119
288	CY2548C004T	12	51-52119
289	CY2548C003T	12	51-52119
290	CY2547IT	12	51-52119
291	CY2547FIT	12	51-52119
292	CY2547FCT	12	51-52119
293	CY2547CT	12	51-52119
294	CY2546IT	12	51-52119
295	CY2546FIT	12	51-52119
296	CY2546FCT	12	51-52119
297	CY2546CT	12	51-52119
298	CY2545IT	12	51-52119
299	CY2545FIT	12	51-52119
300	CY2545FCT	12	51-52119
301	CY2545CT	12	51-52119
302	CY2545C033T	12	51-52119
303	CY2545C022T	12	51-52119
304	CY2545C021T	12	51-52119
305	CY2545C020T	12	51-52119
306	CY2545C010T	12	51-52119
307	CY2545C009T	12	51-52119
308	CY2545C005T	12	51-52119
309	CY2545C001T	12	51-52119
310	CY2544IT	12	51-52119
311	CY2544I003T	12	51-52119
312	CY2544FIT	12	51-52119
313	CY2544FCT	12	51-52119
314	CY2544CT	12	51-52119
315	CY2544C217T	12	51-52119
316	CY2544C023T	12	51-52119
317	CY2544C016T	12	51-52119
318	CY2544C015T	12	51-52119
319	CY2544C014T	12	51-52119
320	CY2544C013T	12	51-52119
321	CY2544C012T	12	51-52119
322	CY2544C011T	12	51-52119
323	CY2542FCT	12	51-52119
324	CY2542C002T	12	51-52119
325	CY2304NZZI-1T	16	51-51149
326	CY14E116N-ZSP45XIT	32	51-51147
327	CY14E116N-ZSP25XIT	32	51-51147

328	CY14E116N-Z45XIT	32	001-04258
329	CY14E116N-Z25XIT	32	001-04258
330	CY14E116L-Z45XIT	32	001-04258
331	CY14E116L-Z30XIT	32	001-04258
332	CY14B116N-Z45XIT	32	001-04258
333	CY14B116N-Z25XIT	32	001-04258
334	CY14B116L-Z45XIT	32	001-04258
335	CY14B108N-ZSP45XIT	32	51-51147
336	CY14B108N-ZSP25XIT	32	51-51147
337	CY14B108M-ZSP45XIT	32	51-51147
338	CY14B108M-ZSP25XIT	32	51-51147
339	CY14B104NA-ZSP45XIT	32	51-51147
340	CY14B104NA-ZSP25XIT	32	51-51147
341	CY14B104NA-ZSP20XIT	32	51-51147
342	CY14B104M-ZSP45XIT	32	51-51147
343	CY14B104M-ZSP25XIT	32	51-51147
344	CY14B104M-ZSP20XIT	32	51-51147
345	CY14B101MA-ZSP45XIT	32	51-51147
346	CY14B101MA-ZSP25XIT	32	51-51147
347	CS7978AAT	32	001-04258
348	CS7486AMT	16	51-51165
349	CS7453ATT	12	51-51195
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