



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

## PRODUCT INFORMATION NOTIFICATION

**PIN:** PIN145281

**Date:** March 17, 2014

**Subject:** 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.

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

ATTRIBUTES		CURRENT CARRIER TAPE	NEWLY QUALIFIED CARRIER TAPE	
		PEAK	ADVANTEK	C-PAK
Carrier Tape Supplier				
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:** 1781

**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](http://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](mailto:pcn_adm@cypress.com).

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number
1	CY14B064I-SFXIT
2	CY14B064PA-SFXIT
3	CY14B101I-SFXIT
4	CY14B101J1-SXIT
5	CY14B101J2-SXIT
6	CY14B101KA-SP25XIT
7	CY14B101KA-SP45XIT
8	CY14B101KA-ZS25XIT
9	CY14B101KA-ZS45XIT
10	CY14B101LA-BA25XIT
11	CY14B101LA-BA45XIT
12	CY14B101LA-SP25XIT
13	CY14B101LA-SP45XIT
14	CY14B101LA-SZ25XIT
15	CY14B101LA-SZ45XIT
16	CY14B101LA-ZS20XIT
17	CY14B101LA-ZS25XIT
18	CY14B101LA-ZS45XIT
19	CY14B101NA-ZS25XIT
20	CY14B101NA-ZS45XIT
21	CY14B101PA-SFXIT
22	CY14B101P-SFXIT
23	CY14B101Q1A-SXIT
24	CY14B101Q2A-SXIT
25	CY14B102NS-BA45XCT
26	CY14B104K-ZS25XIT
27	CY14B104K-ZS45XIT
28	CY14B104LA-BA25XIT
29	CY14B104LA-BA45XIT
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45	CY14B108K-ZS45XIT
46	CY14B108L-BA25XIT
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49	CY14B108L-ZS25XIT

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53	CY14B108N-BA25XIT
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61	CY14B256LA-SP45XIT
62	CY14B256LA-SZ25XIT
63	CY14B256LA-SZ45XIT
64	CY14B256LA-ZS25XIT
65	CY14B256PA-SFXIT
66	CY14B256Q1A-SXIT
67	CY14B256Q2A-SXIT
68	CY14B512I-SFXIT
69	CY14B512J2-SXIT
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87	CY14MB064Q1A-SXIT
88	CY14MB064Q1B-SXIT
89	CY14MB064Q2A-SXIT
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91	CY14MB064Q2B-SXIT
92	CY14MB256J1-SXIT
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99	CY14ME064Q1A-SXIT

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104	CY14ME256J2-SXIT
105	CY14U256LA-BA35XIT
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113	CY14V104NA-BA45XIT
114	CY14V256LA-BA35XIT
115	CY2077FSXCT
116	CY2077FZXIT
117	CY22050KFZXCT
118	CY22050KZXC-135T
119	CY22050KZXC-149T
120	CY2213ZXC-1T
121	CY22150FZXCT
122	CY22150FZXIT
123	CY22150KFZXCT
124	CY22150KFZXIT
125	CY22381FXCT
126	CY22381FXIT
127	CY22381SXC-158T
128	CY22381SXC-212T
129	CY22381SXI-146T
130	CY22381SXI-174T
131	CY22381SXI-181T
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135	CY22381SXI-186T
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137	CY22381SXI-194T
138	CY22381SXI-211T
139	CY22381SXI-213T
140	CY22381SXI-292T
141	CY22388FZXCT
142	CY22388ZXC-25T
143	CY22388ZXC-26T
144	CY22388ZXC-27T
145	CY22388ZXC-28T
146	CY22388ZXC-29T
147	CY22388ZXC-30T
148	CY22389ZXC-26T
149	CY22391LTXC-06T

150	CY22391LTXC-07T
151	CY22391LTXC-08T
152	CY22391LTXC-09T
153	CY22392FXCT
154	CY22392FXIT
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156	CY22392ZXC-395T
157	CY22392ZXC-396T
158	CY22392ZXC-397T
159	CY22392ZXC-398T
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179	CY22801KSXI-026T
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183	CY2292FZXIT
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187	CY2292SL-1V1T
188	CY2292SXC-492T
189	CY2292SXL-1J4T
190	CY2292SXL-1J5T
191	CY2292SXL-1V1T
192	CY2300SXCT
193	CY2302SXC-1T
194	CY2302SXI-1T
195	CY2303SXCT
196	CY2304NZZI-1T
197	CY2304NZZXC-1T
198	CY2304NZZXI-1T
199	CY2304SXC-1T

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201	CY2304SXI-1T
202	CY2304SXI-2T
203	CY2305CSXA-1HT
204	CY2305CSXC-1HT
205	CY2305CSXC-1T
206	CY2305CSXI-1HT
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214	CY2308SXC-1T
215	CY2308SXC-2T
216	CY2308SXC-3T
217	CY2308SXC-4T
218	CY2308SXI-1HT
219	CY2308SXI-1T
220	CY2308SXI-2T
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222	CY2308SXI-4T
223	CY2308ZXC-1HT
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274	CY24271ZXCT
275	CY24272ZXCT
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277	CY24292LFXIT
278	CY24293ZXCT
279	CY24293ZXIT
280	CY24488ZXC-001T
281	CY24488ZXCT
282	CY24904ZXCT
283	CY2509ZXC-1T
284	CY25100KZXC46T
285	CY25100SXC-025AT
286	CY25100SXC-048T
287	CY25100SXC-049T
288	CY25100SXC-052T
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298	CY25100SXC-070T
299	CY25100SXCFT



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303	CY25100ZXCFT
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306	CY25100ZXI08T
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310	CY25200KFZXIT
311	CY25200KZXI-006T
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313	CY25402SXC-012T
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317	CY25404ZXI-003T
318	CY25404ZXI-005T
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321	CY25404ZXI009T
322	CY25404ZXI010T
323	CY25404ZXI011T
324	CY25404ZXI012T
325	CY25404ZXI013T
326	CY25404ZXI014T
327	CY25404ZXI216T
328	CY25404ZXI217T
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332	CY2542FCT
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338	CY2544C016T
339	CY2544C023T
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344	CY2545C010T
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346	CY2545C021T
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367	CY26121KZXI-21T
368	CY27020SXCT
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388	CY2CP1504ZXCT
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394	CY2DL15110AZIT
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418	CY62126EV30LL-55ZSXET
419	CY62127DV30LL-55BVXIT
420	CY621282BNLL-70SXET
421	CY62128BNLL-55SXIT
422	CY62128BNLL-70SXAT
423	CY62128ELL-45SXAT
424	CY62128ELL-45SXIT
425	CY62128ELL-45ZAXIT
426	CY62128ELL-45ZXAT
427	CY62128ELL-45ZXIT
428	CY62128ELL-55SXET
429	CY62128ELL-55ZAXET
430	CY62128EV30LL-45SXAT
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433	CY62128EV30LL-45ZAXIT
434	CY62128EV30LL-45ZXAT
435	CY62128EV30LL-45ZXIT
436	CY62128EV30LL-55SXET
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439	CY62136EV30LL-45BVXIT
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543	CY7B923-400JXCT
544	CY7B923-JXCT
545	CY7B923-JXIT
546	CY7B923-SXCT
547	CY7B933-400JXCT
548	CY7B933-JXCT
549	CY7B933-JXIT

550	CY7B933-SXCT
551	CY7B9910-5SXIT
552	CY7B9911V-5JCT
553	CY7B9911V-5JXCT
554	CY7B991-2JXCT
555	CY7B991-5JIT
556	CY7B991-5JXCT
557	CY7B991-5JXIT
558	CY7B991-7JXCT
559	CY7B991-7JXIT
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1188	CY8CMBR2044-24LKXI
1189	CY8CMBR2044-24LKXIT
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1193	CY8CPLC20-48LTXIT
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