



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

PRODUCT INFORMATION NOTIFICATION

PIN: PIN145296

Date: May 15, 2014

Subject: GSMC Merger with HH-NEC to Form HHGrace Semiconductor Manufacturing Corporation

To: PCN ADMIN
CYPRESS
pcn_adm@cypress.com

Change Type: Minor

Description:

Grace Semiconductor Manufacturing Corporation (GSMC) has been one of the Qualified Foundries to manufacture wafers for Cypress. GSMC recently merged with HH-NEC and became a new company named Shanghai Huahong Grace Semiconductor Manufacturing Corporation (HHGrace). HHGrace has three 200mm wafer fabs. The former GSMC fab is now named HHGrace Fab 3. GSMC has assigned to HHGrace all of the agreements with Cypress, including all of its rights, interests and obligations therein.

Shanghai Huahong Grace Semiconductor Manufacturing Corporation ("HHGrace"), incorporated through the consolidation between Shanghai Hua Hong NEC Electronics Company, Limited ("HHNEC") and Grace Semiconductor Manufacturing Corporation ("GSMC"), has become a world-leading 200mm wafer foundry. With three 200mm wafer fabrication facilities in Zhangjiang and Jinqiao of Shanghai, HHGrace offers production capacity of over 140,000 200mm wafers per month. HHGrace has been awarded various international certifications such as:

- ISO9001 for quality systems,
- ISO14001 for environmental protection,
- ISO27001 for information security systems,
- OHSAS18001 for occupational health and safety management systems,
- ISO/TS16949 for automobile industry management system and
- QC080000 for hazardous substance process management.

HHGrace has won the Sony Green Partner Certificate and was also granted the World Class Award by APQO (Asia Pacific Quality Organization) for excellent performance in 2013. Proven by such certifications, HHGrace ensures timely delivery with a high level of product performance, quality and information security.

Affected Part Numbers: 1404

See the attached file for a list of all part numbers that are manufactured in HHGrace Fab 3.

Anticipated Impact:

No impact is anticipated.

Method of Identification:

There will be no change to the method of identification.

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
1	CY22050KFI
2	CY22050KFZXC
3	CY22050KFZXCT
4	CY22050KFZXI
5	CY22050KZXC-135
6	CY22050KZXC-135T
7	CY22050KZXC-149
8	CY22050KZXC-149T
9	CY22150FZXC
10	CY22150FZXCT
11	CY22150FZXI
12	CY22150FZXIT
13	CY22150KFZXC
14	CY22150KFZXCT
15	CY22150KFZXI
16	CY22150KFZXIT
17	CY22381FXI
18	CY22381FXC
19	CY22381FXCT
20	CY22381FXI
21	CY22381FXIT
22	CY22381SXC-158
23	CY22381SXC-158T
24	CY22381SXC-212
25	CY22381SXC-212T
26	CY22381SXI-146
27	CY22381SXI-146T
28	CY22381SXI-174
29	CY22381SXI-174T
30	CY22381SXI-181
31	CY22381SXI-181T
32	CY22381SXI-183
33	CY22381SXI-183T
34	CY22381SXI-184
35	CY22381SXI-184T
36	CY22381SXI-185
37	CY22381SXI-185T
38	CY22381SXI-186
39	CY22381SXI-186T
40	CY22381SXI-190
41	CY22381SXI-190T
42	CY22381SXI-194
43	CY22381SXI-194T
44	CY22381SXI-198
45	CY22381SXI-206
46	CY22381SXI-207
47	CY22381SXI-208
48	CY22381SXI-211
49	CY22381SXI-211T
50	CY22381SXI-213
51	CY22381SXI-213T

52	CY22381SXI-292
53	CY22381SXI-292T
54	CY22388FZXC
55	CY22388FZXCT
56	CY22388ZXC-25
57	CY22388ZXC-25T
58	CY22388ZXC-26
59	CY22388ZXC-26T
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61	CY22388ZXC-27T
62	CY22388ZXC-28
63	CY22388ZXC-28T
64	CY22388ZXC-29
65	CY22388ZXC-29T
66	CY22388ZXC-30
67	CY22388ZXC-30T
68	CY22389ZXC-26
69	CY22389ZXC-26T
70	CY22391LTXC
71	CY22391LTXC-06
72	CY22391LTXC-06T
73	CY22391LTXC-07
74	CY22391LTXC-07T
75	CY22391LTXC-08
76	CY22391LTXC-08T
77	CY22391LTXC-09
78	CY22391LTXC-09T
79	CY22392FXC
80	CY22392FXCT
81	CY22392FXI
82	CY22392FXIT
83	CY22392ZXC-394
84	CY22392ZXC-394T
85	CY22392ZXC-395
86	CY22392ZXC-395T
87	CY22392ZXC-396
88	CY22392ZXC-396T
89	CY22392ZXC-397
90	CY22392ZXC-397T
91	CY22392ZXC-398
92	CY22392ZXC-398T
93	CY22392ZXI-388
94	CY22392ZXI-388T
95	CY22393FXI
96	CY22393FXC
97	CY22393FXCT
98	CY22393FXI
99	CY22393FXIT
100	CY22393ZXC-529
101	CY22393ZXC-529T
102	CY22394FXC
103	CY22394FXCT

104	CY22394FXI
105	CY22394FXIT
106	CY22395FXC
107	CY22395FXCT
108	CY22395FXI
109	CY22395FXIT
110	CY22800KFXC
111	CY22800KFXCT
112	CY22800KFXI
113	CY22800KFXIT
114	CY22801KFXC
115	CY22801KFXCT
116	CY22801KFXI
117	CY22801KFXIT
118	CY22801KSXC-011
119	CY22801KSXC-016
120	CY22801KSXC-016T
121	CY22801KSXC-018
122	CY22801KSXC-018T
123	CY22801KSXC-019
124	CY22801KSXC-019T
125	CY22801KSXC-020
126	CY22801KSXC-020T
127	CY22801KSXC-021
128	CY22801KSXC-021T
129	CY22801KSXC-024
130	CY22801KSXC-024T
131	CY22801KSXC-027
132	CY22801KSXC-027T
133	CY22801KSXC-155
134	CY22801KSXC-155T
135	CY22801KSXI-026
136	CY22801KSXI-026T
137	CY23FP12OI-CSC1
138	CY23FP12OXC
139	CY23FP12OXC-003
140	CY23FP12OXC-003T
141	CY23FP12OXCT
142	CY23FP12OXI
143	CY23FP12OXIT
144	CY23FS04ZXC
145	CY23FS04ZXC-5
146	CY23FS04ZXC-5T
147	CY23FS04ZXCT
148	CY23FS04ZXI
149	CY23FS04ZXI-5
150	CY23FS04ZXI-5T
151	CY23FS04ZXIT
152	CY23FS08OXC
153	CY23FS08OXCT
154	CY23FS08OXI
155	CY23FS08OXI-06

156	CY23FS08OXI-06T
157	CY23FS08OXIT
158	CY24115KSXC-2
159	CY24115KSXC-2T
160	CY241V8ASXC-01
161	CY241V8ASXC-01T
162	CY241V8ASXC-11
163	CY241V8ASXC-11T
164	CY24488ZXC
165	CY24488ZXC-001
166	CY24488ZXC-001T
167	CY24488ZXCT
168	CY24904ZXC
169	CY24904ZXCT
170	CY25100KZXC46
171	CY25100KZXC46T
172	CY25100SXC-025AT
173	CY25100SXC-048
174	CY25100SXC-048T
175	CY25100SXC-049
176	CY25100SXC-049T
177	CY25100SXC-052
178	CY25100SXC-052T
179	CY25100SXC-055
180	CY25100SXC-055T
181	CY25100SXC-056
182	CY25100SXC-056T
183	CY25100SXC-059
184	CY25100SXC-059T
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189	CY25100SXC-062
190	CY25100SXC-062T
191	CY25100SXC-064
192	CY25100SXC-064T
193	CY25100SXC-065
194	CY25100SXC-065T
195	CY25100SXC-069
196	CY25100SXC-069T
197	CY25100SXC-070
198	CY25100SXC-070T
199	CY25100SXCF
200	CY25100SXCF
201	CY25100SXI-050
202	CY25100SXI-050T
203	CY25100SXIF
204	CY25100SXIFT
205	CY25100ZXC68
206	CY25100ZXC68T
207	CY25100ZXC

208	CY25100ZXCFT
209	CY25100ZXI011
210	CY25100ZXI011T
211	CY25100ZXI057
212	CY25100ZXI057T
213	CY25100ZXI08
214	CY25100ZXI08T
215	CY25100ZXIF
216	CY25100ZXIFT
217	CY25200KFZXC
218	CY25200KFZXCCT
219	CY25200KFZXI
220	CY25200KFZXIT
221	CY25200KZXI-006
222	CY25200KZXI-006T
223	CY25701FLXCT
224	CY25701FLXIT
225	CY26049ZXC-36
226	CY26049ZXC-36T
227	CY26049ZXI-36
228	CY26049ZXI-36T
229	CY26121KZXI-21
230	CY26121KZXI-21T
231	CY5057K-11WAF-IL
232	CY62155E-3XWI
233	CY62156ESL-45BVXI
234	CY62156ESL-45BVXIT
235	CY62157ELL-45ZSXI
236	CY62157ELL-45ZSXIT
237	CY62157ESL-45ZSXI
238	CY62157ESL-45ZSXIT
239	CY62157EV18LL-55BVXI
240	CY62157EV18LL-55BVXIT
241	CY62157EV30LL-45BVI
242	CY62157EV30LL-45BVIT
243	CY62157EV30LL-45BVXI
244	CY62157EV30LL-45BVXIT
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246	CY62157EV30LL-45ZSXIT
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250	CY62158ELL-45ZSXIT
251	CY62158EV30LL-45BVXI
252	CY62158EV30LL-45BVXIT
253	CY62158EV30LL-45ZSXI
254	CY62158EV30LL-45ZSXIT
255	CY62165E-3XWI
256	CY62165E-WAF
257	CY62167DV30LL-55BVI
258	CY62167DV30LL-55BVIT
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262	CY62167DV30LL-55ZXIT
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264	CY62167DV30LL-70BVIT
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266	CY62167ELL-45ZXIT
267	CY62167EV18LL-55BVI
268	CY62167EV18LL-55BVIT
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274	CY62167EV30LL-45BVXIT
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276	CY62167EV30LL-45ZXIT
277	CY62168EV30LL-45BVXI
278	CY62168EV30LL-45BVXIT
279	CY62177DV30LL-55BAXI
280	CY62177DV30LL-55BAXIT
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282	CY62177ESL-55ZXIT
283	CY62177EV18LL-70BAXI
284	CY62177EV18LL-70BAXIT
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286	CY62177EV30LL-55BAXIT
287	CY62177EV30LL-55ZXI
288	CY62177EV30LL-55ZXIT
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292	CY62256NLL-55SNXIT
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298	CY62256NLL-70ZRXI
299	CY62256NLL-70ZRXIT
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302	CY7C60223-QXC
303	CY7C60223-SXC
304	CY7C60333-3X14C
305	CY7C60413-16LKXC
306	CY7C60413-16LKXCT
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308	CY7C60445-32LQXCT
309	CY7C60445-3X14C
310	CY7C60455-3X14C
311	CY7C60455-48LTXC

312	CY7C60455-48LTXCT
313	CY7C60456-48LTXC
314	CY7C60456-48LTXCT
315	CY7C63310-SXC
316	CY7C63801-SXC
317	CY7C63803-LQXC
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319	CY7C63803-SXCT
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322	CY7C63823-3XWC
323	CY7C63823-QXC
324	CY7C63823-SXC
325	CY7C63823-SXCT
326	CY7C63823-XC
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330	CY7C64215-28PVXCT
331	CY7C64215-56LTXC
332	CY7C64215-56LTXCT
333	CY7C64215-56LTXI
334	CY7C64215-56LTXIT
335	CY7C64225-28PVXC
336	CY7C64225-28PVXCT
337	CY7C64315-16LKXC
338	CY7C64315-16LKXCT
339	CY7C64315-3X14C
340	CY7C64316-16LKXC
341	CY7C64316-16LKXCT
342	CY7C64316-WAFC
343	CY7C64343-32LQXC
344	CY7C64343-32LQXCT
345	CY7C64345-32LQXC
346	CY7C64345-32LQXCT
347	CY7C64355-48LTXC
348	CY7C64355-48LTXCT
349	CY7C64356-48LTXC
350	CY7C64356-48LTXCT
351	CY7C65620-56LTXC
352	CY7C65620-56LTXCT
353	CY7C65620-56LTXI
354	CY7C65620-56LTXIT
355	CY7C65621-56LTXC
356	CY7C65621-56LTXCT
357	CY7C65621-56LTXI
358	CY7C65621-56LTXIT
359	CY7C65630-56LTXC
360	CY7C65630-56LTXCT
361	CY7C65630-56LTXI
362	CY7C65630-56LTXIT
363	CY7C65631-56LTXC

364	CY7C65631-56LTXCT
365	CY7C65631-56LTXI
366	CY7C65631-56LTXIT
367	CY7C68053-56BAXI
368	CY7C68053-56BAXIT
369	CY7C69356-48LTXC
370	CY8C20045-24LKXI
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372	CY8C20055-24LKXI
373	CY8C20055-24LKXIT
374	CY8C20055-24SXI
375	CY8C20055-24SXIT
376	CY8C20065-24LKXI
377	CY8C20065-24LKXIT
378	CY8C20066A-24LTXI
379	CY8C20066A-24LTXIT
380	CY8C20075-24LKXI
381	CY8C20075-24LKXIT
382	CY8C20110-LDX2I
383	CY8C20110-LDX2IT
384	CY8C20110-SX2I
385	CY8C20110-SX2IT
386	CY8C20111-SX1I
387	CY8C20111-SX1IT
388	CY8C20121-SX1I
389	CY8C20121-SX1IT
390	CY8C20140-LDX2I
391	CY8C20140-LDX2IT
392	CY8C20140-SX2I
393	CY8C20140-SX2IT
394	CY8C20142-SX1I
395	CY8C20142-SX1IT
396	CY8C20160-LDX2I
397	CY8C20160-LDX2IT
398	CY8C20160-SX2I
399	CY8C20160-SX2IT
400	CY8C20180-LDX2I
401	CY8C20180-LDX2IT
402	CY8C20180-SX2I
403	CY8C20180-SX2IT
404	CY8C201A0-LDX2I
405	CY8C201A0-LDX2IT
406	CY8C201A0-SX2I
407	CY8C201A0-SX2IT
408	CY8C20224-12LKXI
409	CY8C20224-12LKXIT
410	CY8C20234-12LKXI
411	CY8C20234-12LKXIT
412	CY8C20236A-24LKXI
413	CY8C20236A-24LKXIT
414	CY8C20237-24LKXI
415	CY8C20237-24LKXIT

416	CY8C20237-24SXI
417	CY8C20246A-24LKXI
418	CY8C20246A-24LKXIT
419	CY8C20246AS-24LKXI
420	CY8C20247-24LKXI
421	CY8C20247-24LKXIT
422	CY8C20247-24SXI
423	CY8C20247S-24LKXI
424	CY8C20247S-24LKXIT
425	CY8C20324-12LQXI
426	CY8C20324-12LQXIT
427	CY8C20334-12LQXI
428	CY8C20334-12LQXIT
429	CY8C20336A-24LQXI
430	CY8C20336A-24LQXIT
431	CY8C20336AN-24LQXI
432	CY8C20336AN-24LQXIT
433	CY8C20336H-24LQXI
434	CY8C20336H-24LQXIT
435	CY8C20337-24LQXI
436	CY8C20337-24LQXIT
437	CY8C20346A-24LQXI
438	CY8C20346A-24LQXIT
439	CY8C20346AS-24LQXI
440	CY8C20347-24LQXI
441	CY8C20347-24LQXIT
442	CY8C20347S-24LQXI
443	CY8C20347S-24LQXIT
444	CY8C20396A-24LQXI
445	CY8C20396A-24LQXIT
446	CY8C20424-12LQXI
447	CY8C20424-12LQXIT
448	CY8C20434-12LQXI
449	CY8C20434-12LQXIT
450	CY8C20436A-24LQXI
451	CY8C20436A-24LQXIT
452	CY8C20436AN-24LQXI
453	CY8C20436AN-24LQXIT
454	CY8C20437-24LQXI
455	CY8C20437-24LQXIT
456	CY8C20446A-24LQXI
457	CY8C20446A-24LQXIT
458	CY8C20446AS-24LQXI
459	CY8C20446H-24LQXI
460	CY8C20446H-24LQXIT
461	CY8C20447-24LQXI
462	CY8C20447-24LQXIT
463	CY8C20447S-24LQXI
464	CY8C20447S-24LQXIT
465	CY8C20466A-24LQXI
466	CY8C20466A-24LQXIT
467	CY8C20466AS-24LQXI

468	CY8C20467-24LQXI
469	CY8C20467-24LQXIT
470	CY8C20467S-24LQXI
471	CY8C20467S-24LQXIT
472	CY8C20496A-24LQXI
473	CY8C20496A-24LQXIT
474	CY8C20524-12PVXI
475	CY8C20524-12PVXIT
476	CY8C20534-12PVXI
477	CY8C20534-12PVXIT
478	CY8C20536A-24PVXI
479	CY8C20536A-24PVXIT
480	CY8C20546A-24PVXI
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483	CY8C20566A-24PVXIT
484	CY8C20636A-24LQXI
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488	CY8C20636AN-24LTXI
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490	CY8C20637-24LQXI
491	CY8C20637-24LQXIT
492	CY8C20646A-24LQXI
493	CY8C20646A-24LQXIT
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497	CY8C20646AS-24LQXIT
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499	CY8C20647-24LQXIT
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503	CY8C20666A-24LQXIT
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505	CY8C20666A-24LTXIT
506	CY8C20666AS-24LQXI
507	CY8C20666AS-24LQXIT
508	CY8C20667-24LQXI
509	CY8C20667-24LQXIT
510	CY8C20667S-24LQXI
511	CY8C20667S-24LQXIT
512	CY8C20767-24FDXCT
513	CY8C21123-24SXI
514	CY8C21123-24SXIT
515	CY8C21223-24LGXI
516	CY8C21223-24LGXIT
517	CY8C21223-24SXI
518	CY8C21223-24SXIT
519	CY8C21234-24SXI

520	CY8C21234-24SXIT
521	CY8C21234B-24SXI
522	CY8C21323-24LFXI
523	CY8C21323-24LFXIT
524	CY8C21323-24PVXI
525	CY8C21323-24PVXIT
526	CY8C21334-24PVXI
527	CY8C21334-24PVXIT
528	CY8C21334B-24PVXI
529	CY8C21334B-24PVXIT
530	CY8C21345-12PVXE
531	CY8C21345-12PVXET
532	CY8C21345-24PVXA
533	CY8C21345-24PVXAT
534	CY8C21345-24SXI
535	CY8C21345-24SXIT
536	CY8C21434-12X14I
537	CY8C21434-24LQXI
538	CY8C21434-24LQXIT
539	CY8C21434-24LTXI
540	CY8C21434-24LTXIT
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542	CY8C21434B-24LTXI
543	CY8C21534-24PVXI
544	CY8C21534-24PVXIT
545	CY8C21534B-24PVXI
546	CY8C21534B-24PVXIT
547	CY8C21634-24LTXI
548	CY8C21634-24LTXIT
549	CY8C21634B-24LTXI
550	CY8C21645-12PVXE
551	CY8C21645-12PVXET
552	CY8C21645-24PVXA
553	CY8C21645-24PVXAT
554	CY8C22345-12PVXE
555	CY8C22345-12PVXET
556	CY8C22345-24PVXA
557	CY8C22345-24PVXAT
558	CY8C22345-24SXI
559	CY8C22345-24SXIT
560	CY8C22345H-24PVXA
561	CY8C22345H-24PVXAT
562	CY8C22545-24AXI
563	CY8C22545-24AXIT
564	CY8C22645-12PVXE
565	CY8C22645-12PVXET
566	CY8C22645-24PVXA
567	CY8C22645-24PVXAT
568	CY8C23433-24PVXI
569	CY8C23433-24PVXIT
570	CY8C23533-24LQXI
571	CY8C23533-24LQXIT

572	CY8C240093-24LTXI
573	CY8C24093-24LKXI
574	CY8C24123A-24PXI
575	CY8C24123A-24SXI
576	CY8C24123A-24SXIT
577	CY8C24193-24LQXI
578	CY8C24223A-12PVXE
579	CY8C24223A-12PVXET
580	CY8C24223A-24PVXA
581	CY8C24223A-24PVXAT
582	CY8C24223A-24PVXI
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1317	CP7899AT
1318	CP7899ATT
1319	CP7899BT
1320	CP7899BTT
1321	CP7912AT
1322	CP7912ATT
1323	CP7922AT
1324	CP7922ATT
1325	CP7924AT
1326	CP7924ATT
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1331	CP7950AT
1332	CP7950ATT
1333	CP7960AT
1334	CP7960ATT
1335	CP7966AT
1336	CP7966ATT
1337	CP7988AT
1338	CP7988ATT
1339	CP7989AT
1340	CP7989ATT
1341	CP7995AT
1342	CP7995ATT
1343	CP7995BT
1344	CP7995BTT
1345	CP7996AT
1346	CP7996ATT
1347	CP7997AT
1348	CP7997ATT
1349	CP8006AT
1350	CP8006ATT
1351	CP8009AT

1352	CP8009ATT
1353	CP8010AT
1354	CP8010ATT
1355	CP8011AT
1356	CP8011ATT
1357	CP8064AT
1358	CP8064ATT
1359	CP8068AT
1360	CP8068ATT
1361	CS6250AM
1362	CS6250AMT
1363	CS6567AM
1364	CS6567AMT
1365	CS6632AF
1366	CS6651DA
1367	CS6651DAT
1368	CS6651HA
1369	CS6651HAT
1370	CS6651JA
1371	CS6651JAT
1372	CS6656DA
1373	CS6656DAT
1374	CS6803AA
1375	CS6803AAT
1376	CS6835AT
1377	CS6835ATT
1378	CS7223AA
1379	CS7224AA
1380	CS7224AAT
1381	CS7225AA
1382	CS7225AAT
1383	CS7232AM
1384	CS7232AMT
1385	CS7240AA
1386	CS7240AAT
1387	CS7241AA
1388	CS7244AM
1389	CS7244AMT
1390	CS7275AA
1391	CS7275AAT
1392	CS7323AM
1393	CS7323AMT
1394	CS7338AA
1395	CS7338AAT
1396	CS7453ATT
1397	CS7519AM
1398	CS7519AMT
1399	CS7655AM
1400	CS7655AMT
1401	CS7894AM
1402	CS7894AMT
1403	CS7897AM

1404	CS7897AMT
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