



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

PRODUCT INFORMATION NOTIFICATION

PIN: PIN195002

Date: December 12, 2019

Subject: Qualification of Kostat Tray in Cypress Thailand for 16-Lead SOIC Package

Change Type: Minor

Description of Change:

Cypress announces the qualification of Kostat KS-84052 tray to be used as in-process and shipping tray for 16-Lead SOIC package finished at Cypress Thailand (Cypress Semiconductor Thailand (Limited), 229 Moo 4 Chaeng Watthana Road, Pak Kret, Nonthaburi, 11120 Thailand). The Kostat tray is the same as the current tray with regards to critical dimensions that may affect application. It is also designed to be stackable with the current tray.

Description	Current Tray	New Tray	Remarks
Supplier	Daewon	Kostat	
Part Number	12J-16LD-319	KS-84052	
Overall Tray Length	322.6 ± 0.25 mm	322.6 ± 0.25 mm	Same
Tray Length (Exclude End Tab)	315.0 ± 0.25 mm	315.0 ± 0.25 mm	Same
Tray Width	135.9 ± 0.25 mm	135.9 ± 0.25 mm	Same
Overall Tray Height	7.62 ± 0.13 mm	7.62 ± 0.13 mm	Same
Stacking Height	6.35 ± 0.13 mm	6.35 ± 0.13 mm	Same
1 st Pocket Position (X)	9.15 ± 0.13 mm	9.15 ± 0.13 mm	Same
1 st Pocket Position (Y)	9.00 ± 0.13 mm	9.00 ± 0.13 mm	Same
Pocket Pitch (X)	12.90 ± 0.13 mm	12.90 ± 0.13 mm	Same
Pocket Pitch (Y)	13.10 ± 0.13 mm	13.10 ± 0.13 mm	Same
Top Pocket Length	10.35 ± 0.08 mm	10.35 ± 0.08 mm	Same
Top Pocket Width	11.00 ± 0.13 mm	11.00 ± 0.13 mm	Same
Top Pocket Pedestal Width	7.40 ± 0.08 mm	7.40 ± 0.08 mm	Same
Bottom Pocket Length	10.35 ± 0.08 mm	10.35 ± 0.08 mm	Same
Bottom Pocket Width	7.40 ± 0.08 mm	7.40 ± 0.08 mm	Same
Pocket Depth	2.40 ± 0.10 mm	2.40 ± 0.10 mm	Same
Number of Pockets	10 X 24 = 240	10 X 24 = 240	Same
Tray Color	Black	Black	Same
Tray Working Temperature	150°C Max	150°C Max	Same
Tray Design	JEDEC	JEDEC	Same

There are no changes to ordering part numbers. Product datasheets remain the same and can be downloaded from the Cypress Website (www.cypress.com).

Benefit of Change:

This change is part of Cypress' continuous improvement to enable an alternative tray source for 16-Lead SOIC package and eliminate any future tray delivery issue.

Part Numbers Affected: 171

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PIN will include all changes outlined in this PIN.

Qualification Status:

This change has been qualified through a series of tests documented in the Qualification Test Plan QTP#193906. This qualification report can be found as an attachment to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Approximate Implementation Date:

This change will be effective with the date of this notification. Existing tray will be depleted before the implementation of the new tray. During the transition period, the affected part numbers will be supplied with either the current tray or new tray. No tray mixing will be allowed in one lot.

Anticipated Impact:

Products shipped with the new tray are completely compatible with existing product from form, fit, functional, parametric, and quality performance perspectives.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

Method of Identification:

Cypress maintains traceability of product to 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

1 520966230597
2 520966231207
3 051FL064P0XMF000
4 051FL127SABMF000
5 0791073479RQA00
6 0791075989RQA00
7 0791076079RQA00
8 0791076639RQA00
9 0791077009RQA00
10 0791078169RQA00
11 0791079729RQA00
12 0791081069RCP00
13 10324-03600
14 10324-03950
15 10324-05530
16 10324-06850
17 10324-10340
18 457780-1040
19 457780-2840
20 457780-4360
21 457780-4830
22 457780-5790
23 457780-6180
24 457780-6680
25 457999-7250
26 462791-1230
27 462791-1290
28 462791-1300
29 51-20538Z01-A
30 51-28667Z01-A
31 51-29810Z01-A
32 51-29810Z01-B
33 51-32910Z01-A
34 51-32910Z01-B
35 51-38229Z01-A
36 51-40392Z01-A
37 7GA6Y0205
38 949587-9770
39 949588-0250
40 949588-0260
41 949588-0320
42 949588-0330
43 949588-0600
44 949588-0800
45 C3FBSY000074
46 E3203009116
47 E3203010591
48 E32030110852
49 E83-15L004
50 EA3-16B001
51 EA3-16B002
52 EUFDZ0332-CY
53 EUFDZ0333-CY
54 M3203-001276
55 M32030012811

56 M32030012812
57 M3203-001289
58 P7700140F9C000
59 P7700140-F9C000
60 P7700400F80000
61 S25FL032P0XMFA000
62 S25FL032P0XMFB000
63 S25FL064LABMFA000
64 S25FL064LABMFB000
65 S25FL064LABMFM000
66 S25FL064P0XMFA000
67 S25FL064P0XMFB000
68 S25FL128LAGMFA000
69 S25FL128LAGMFB000
70 S25FL128LAGMFM000
71 S25FL128LDPMFB000
72 S25FL128SAGMFA000
73 S25FL128SAGMFAG00
74 S25FL128SAGMFB000
75 S25FL128SAGMFB010
76 S25FL128SAGMFBG00
77 S25FL128SAGMFBR00
78 S25FL128SAGMFM000
79 S25FL128SAGMFMG00
80 S25FL128SAGMFMR00
81 S25FL128SDPMFB010
82 S25FL128SDSMFA00
83 S25FL128SDSMFA000
84 S25FL128SDSMFB000
85 S25FL128SDSMFBG00
86 S25FL128SDSMFBG10
87 S25FL164K0XMFA000
88 S25FL164K0XMFB000
89 S25FL256LAGMFA000
90 S25FL256LAGMFB000
91 S25FL256LAGMFM000
92 S25FL256LDPMFB000
93 S25FL256SAGMFAG00
94 S25FL256SAGMFAG10
95 S25FL256SAGMFB000
96 S25FL256SAGMFB010
97 S25FL256SAGMFBG00
98 S25FL256SAGMFBR00
99 S25FL256SAGMFM000
100 S25FL256SDSMFB000
101 S25FL256SDSMFB010
102 S25FL256SDSMFB010YZK000
103 S25FL256SDSMFBG00
104 S25FL256SDSMFBG10
105 S25FL512SAGMFA010
106 S25FL512SAGMFAG10
107 S25FL512SAGMFAR10
108 S25FL512SAGMFB010
109 S25FL512SAGMFBG10
110 S25FL512SAGMFMG10
111 S25FL512SAGMFMR10
112 S25FL512SDSMFB010

113 S25FL512SDSMFB010YZK000
114 S25FL512SDSMFBG10
115 S25FL512SDSMFM010
116 S25FS256SAGMFB000
117 S25FS256SAGMFB000-001
118 S25FS256SAGMFB000HA
119 S25FS256SAGMFM000
120 S25FS256SAGMFM000-001
121 S25FS512SAGMFB010
122 S25FS512SAGMFM010
123 S25FS512SDSMFB010
124 S25HL01GTDPMHA010
125 S25HL01GTDPMHB010
126 S25HL01GTDPMHB010-00C
127 S25HL01GTDPMHM010
128 S25HL01GTFAMHA010
129 S25HL01GTFAMHB010
130 S25HL01GTFAMHM010
131 S25HL512TDPMHA010
132 S25HL512TDPMHB010
133 S25HL512TDPMHM010
134 S25HL512TFAMHA010
135 S25HL512TFAMHB010
136 S25HL512TFAMHM010
137 S25HS01GTDPMHA010
138 S25HS01GTDPMHB010
139 S25HS01GTDPMHM010
140 S25HS01GTDSMHA010
141 S25HS01GTDSMHB010
142 S25HS01GTDSMHM010
143 S25HS01GTFAMHA010
144 S25HS01GTFAMHB010
145 S25HS01GTFAMHM010
146 S25HS512TDPMHA010
147 S25HS512TDPMHB010
148 S25HS512TDPMHM010
149 S25HS512TDSMHA010
150 S25HS512TDSMHB010
151 S25HS512TDSMHM010
152 S25HS512TFAMHA010
153 S25HS512TFAMHB010
154 S25HS512TFAMHM010
155 S70FL01GSAGMFA010
156 S70FL01GSAGMFB010
157 S70FL01GSAGMFM010
158 S70FL01GSDSMFB010
159 S70FS01GSAGMFM010
160 S79FL256SDSMFBG00
161 S79FL256SDSMFVG00
162 S98FL256SDSMFBG00
163 S98FL512SDSMFBG00
164 S99-50333 P
165 S99-50389 P
166 S99FL128SDSMFBG00
167 S99FL512S0001 P
168 TN457780-6180
169 TN457999-7250

170 TN949588-0260
171 TN949588-1510