



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

PRODUCT CHANGE NOTIFICATION

PCN: PCN195101B

Date: March 26, 2020

Subject: Addendum to PCN195101 - Qualification of Greatek Electronics as an Alternate Assembly Site for Select 8-Lead SOIC Products

To: FUTURE ELECTRONICS
 FUTURE ELE
 pcn.system@futureelectronics.com

Change Type: Major

Description of Change:

The purpose of this addendum is to update the affected parts list initially communicated in PCN195101.

Cypress announced the qualification of Greatek Electronics Inc., (No.136, Gon-Yi Rd. Zhunan Township, Miaoli County 350 Taiwan, R.O.C.) as a new assembly site for select 8-Lead SOIC 208mils (5.28x5.28x2.16mm) and 150mils (3.90x4.90x1.75mm) products. Greatek Electronics is a world-class assembly facility, qualified to build standard and automotive grade products consistent with AEC-Q100/AEC-Q006 standards.

The 8-Lead SOIC Pb-Free (5.28x5.28mm, 208mils body) package is assembled at Greatek Electronics using the following bill of materials:

Material	GREATEK Bill of Materials	ZKT Bill of Materials
Mold Compound	SUMITOMO G700SLA	Samsung SG8300HKT/SG8500HKT
Leadfinish	Jau Janq Matte Sn	Yunan, Matte Sn
Die Attach Material	Hitachi-4900GC	Yizbond 8511
Bond Wire	Nippon 0.8mil PdCuAu	Nippon 0.8mil PdCuAu

The 8-Lead SOIC Pb-Free (3.90x4.90mm, 150mils body) package is assembled at Greatek Electronics using the following bill of materials:

Material	GREATEK Bill of Materials	ZKT Bill of Materials
Mold Compound	SUMITOMO G700HA	Samsung SG8300HKT
Leadfinish	Jau Janq Matte Sn	Yunan, Matte Sn
Die Attach Material	Hitachi-4900GC	Yizbond 8511
Bond Wire	MKE 0.9mil Au	Tanaka 0.9mil Au

Benefit of Change:

Qualification of alternate manufacturing sites is part of the ongoing flexible manufacturing initiative announced by Cypress. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 103

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 PCN will include all changes outlined in this PCN.

Qualification Status:

This assembly site has been qualified through a series of tests documented in Qualification Test Plans QTP#191602 and QTP#191508. These qualification reports can be found as attachments to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Qualification samples may not be built ahead of time for all part numbers affected by this change. Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Greatek Electronics sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this PCN, to place any sample orders.

Approximate Implementation Date:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be assembled at Greatek Electronics or other approved assembly sites.

For Automotive PPAP part numbers this change will be effective upon customer approval.

Anticipated Impact:

Products assembled at the new site are completely compatible with existing products 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:

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	Sample Order Part Number	Sample Availability	Remarks
1	1464000201	S25FL064LABMFM010-004	Available	Added in PCN195101B
2	8611200150	S25FL032P0XMFB010-004	Available	Added in PCN195101B
3	00002337541	S25FL032P0XMFA010-004	Available	
4	0791076249RQA00	S25FL127SABMFB100-004	Available	
5	10324-08810	S25FL064LABMFB010-004	Available	
6	28294110 A	S25FL032P0XMFB010-004	Available	
7	28417804 A	S25FL127SABMFB100-004	Available	
8	28431985 A	S25FL127SABMFA100-004	Available	
9	315-1820-000	S25FL127SABMFB100-004	Available	
10	51-40300Z01	S25FS128SAGMFB100-004	Available	
11	520966230646	S25FL032P0XMFA010-004	Available	
12	520966231016	S25FL032P0XMFA010-004	Available	
13	520966231926	S25FL064LABMFB010-004	Available	
14	793.846-00	S25FL064LABMFM010-004	Available	
15	794.155-00	S25FL064LABMFB010-004	Available	
16	8 611 200 150	S25FL032P0XMFB010-004	Available	
17	8 611 200 897	S25FL032P0XMFA010-004	Available	
18	A2C00051729 A	S25FL032P0XMFB010-004	Available	
19	A2C01952000 A	S25FL032P0XMFB010-004	Available	
20	A2C0195200000 A	S25FL032P0XMFB010-004	Available	
21	A2C02419300 A	S25FL064LABMFB010-004	Available	
22	A2C0241930000 A	S25FL064LABMFB010-004	Available	
23	A2C02457200 A	S25FS128SAGMFB100-004	Available	
24	A2C03931100	S25FL064LABMFM010-004	Available	
25	C08-0585-0001-0	S25FL127SABMFB100-004	Available	
26	C3FBNY000291	S25FL032P0XMFA010-004	Available	
27	C3FBPY000362	S25FL064LABMFB010-004	Available	
28	C3FBQY000134	S25FL127SABMFA100-004	Available	
29	C3FS00000031	S25FL064LABMFM010-004	Available	
30	CISH-IC1037808-000	S25FL064LABMFM010-004	Available	
31	EAN64027701	S25FL127SABMFB100-004	Available	
32	EAN64668101	S25FL064LABMFM010-004	Available	
33	EAN65106801	S25FL064LABMFB010-004	Available	
34	J005-S2532-001	S25FL032P0XMFA010-004	Available	
35	NIS-MEM-00001-B	S25FL064LABMFM010-004	Available	Added in PCN195101B
36	P770022CF6C000	S25FL032P0XMFA010-004	Available	
37	P770022C-F6C000	S25FL032P0XMFA010-004	Available	
38	P770029DF70000	S25FL064LABMFM010-004	Available	
39	P770029D-F70000	S25FL064LABMFM010-004	Available	
40	RENMEM-00001	S25FL064LABMFM010-004	Available	
41	RENMEM-00003	S25FL064LABMFM010-004	Available	
42	S25FL032P0XMFA010	S25FL032P0XMFA010-004	Available	
43	S25FL032P0XMFA013	S25FL032P0XMFA010-004	Subject to lead time	
44	S25FL032P0XMFB013	S25FL032P0XMFB010-004	Available	
45	S25FL064LABMFA010	S25FL064LABMFA010-004	Available	
46	S25FL064LABMFA010CL	S25FL064LABMFA010-004	Available	
47	S25FL064LABMFA011	S25FL064LABMFA010-004	Subject to lead time	
48	S25FL064LABMFA013	S25FL064LABMFA010-004	Subject to lead time	
49	S25FL064LABMFB010	S25FL064LABMFB010-004	Available	
50	S25FL064LABMFB011	S25FL064LABMFB010-004	Subject to lead time	
51	S25FL064LABMFB013	S25FL064LABMFB010-004	Subject to lead time	
52	S25FL064LABMFI010	S25FL064LABMFI010-004	Subject to lead time	
53	S25FL064LABMFI011	S25FL064LABMFI010-004	Subject to lead time	
54	S25FL064LABMFI013	S25FL064LABMFI010-004	Subject to lead time	
55	S25FL064LABMFM010	S25FL064LABMFM010-004	Available	
56	S25FL064LABMFM011	S25FL064LABMFM010-004	Available	
57	S25FL064LABMFM013	S25FL064LABMFM010-004	Available	
58	S25FL064LABMFN010	S25FL064LABMFN010-004	Subject to lead time	
59	S25FL064LABMFN013	S25FL064LABMFN010-004	Subject to lead time	
60	S25FL064LABMFBV010	S25FL064LABMFBV010-004	Subject to lead time	
61	S25FL064LABMFBV011	S25FL064LABMFBV010-004	Subject to lead time	
62	S25FL064LABMFBV013	S25FL064LABMFBV010-004	Subject to lead time	
63	S25FL127SABMFB100	S25FL127SABMFB100-004	Available	

64	S25FL127SABMFB101	S25FL127SABMFB100-004	Subject to lead time	
65	S25FL127SABMFB103	S25FL127SABMFB100-004	Subject to lead time	
66	S25FL127SABMFI100	S25FL127SABMFI100-004	Subject to lead time	
67	S25FL127SABMFI101	S25FL127SABMFI100-004	Subject to lead time	
68	S25FL127SABMFI103	S25FL127SABMFI100-004	Subject to lead time	
69	S25FL127SABMFV100	S25FL127SABMFV100-004	Subject to lead time	
70	S25FL127SABMFV101	S25FL127SABMFV100-004	Subject to lead time	
71	S25FL127SABMFV103	S25FL127SABMFV100-004	Subject to lead time	
72	S25FL128LAGMFA010	S25FL128LAGMFA010-004	Available	
73	S25FL128LAGMFA013	S25FL128LAGMFA010-004	Subject to lead time	
74	S25FL128LAGMFB010	S25FL128LAGMFB010-004	Available	
75	S25FL128LAGMFB013	S25FL128LAGMFB010-004	Subject to lead time	
76	S25FL128LAGMFI010	S25FL128LAGMFI010-004	Subject to lead time	
77	S25FL128LAGMFI013	S25FL128LAGMFI010-004	Subject to lead time	
78	S25FL128LAGMFM010	S25FL128LAGMFM010-004	Available	
79	S25FL128LAGMFM013	S25FL128LAGMFM010-004	Subject to lead time	
80	S25FL128LAGMFV010	S25FL128LAGMFV010-004	Subject to lead time	
81	S25FL128LAGMFV013	S25FL128LAGMFV010-004	Subject to lead time	
82	S25FS128SAGMFB100	S25FS128SAGMFB100-004	Available	
83	S25FS128SAGMFB101	S25FS128SAGMFB100-004	Subject to lead time	
84	S25FS128SAGMFB103	S25FS128SAGMFB100-004	Subject to lead time	
85	S25FS128SAGMFI100	S25FS128SAGMFI100-004	Subject to lead time	
86	S25FS128SAGMFI101	S25FS128SAGMFI100-004	Subject to lead time	
87	S25FS128SAGMFI103	S25FS128SAGMFI100-004	Subject to lead time	
88	S25FS128SAGMFV100	S25FS128SAGMFV100-004	Subject to lead time	
89	S25FS128SAGMFV101	S25FS128SAGMFV100-004	Subject to lead time	
90	S25FS128SAGMFV103	S25FS128SAGMFV100-004	Subject to lead time	
91	S25FS128SDSMFI1D0	S25FS128SDSMFI1D0-004	Subject to lead time	
92	S25FS128SDSMFI1D1	S25FS128SDSMFI1D0-004	Subject to lead time	
93	S25FS128SDSMFI1D3	S25FS128SDSMFI1D0-004	Subject to lead time	
94	S6BT112A01SSBB002	S6BT112A01SSBB002-004	Available	
95	S6BT112A01SSBB202	S6BT112A01SSBB002-004	Available	
96	S6BT112A02SSBB002	S6BT112A01SSBB002-004	Available	
97	S6BT112A02SSBB202	S6BT112A01SSBB002-004	Available	
98	S99-50363 P	S25FL032POXMFA010-004	Available	
99	S99FL127S0013 P	S25FL127SABMFA100-004	Available	
100	S99FL127S0013 P	S25FL127SABMFA100-004	Available	
101	S99FL127SABMFI101	S99FL127SABMFI100-004	Subject to lead time	
102	SE002718	S25FL064LABMFM010-004	Available	
103	SRC100242278	S6BT112A02SSBB002-004	Available	