



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

PRODUCT TERMINATION NOTIFICATION

PTN: PTN162501A

Date: August 29, 2016

Subject: Revision to PTN162501: July 2016 Product Obsolescence Notification

To: JAMIE PEDERSON
DIGIKEY
digiKey.supplierInfo@digikey.com

Product Obsolescence Information:

This notice is a revision to Product Termination Notice 162501 released in June of 2016. Based on customer feedback and recent information from manufacturers, the list of affected products is hereby modified from 346 affected parts in PTN162501 to a total of 415 part numbers. Original Last Time Buy and Last Time Ship dates on parts from PTN162501 remain unchanged.

Changes within the list are highlighted by a "Note" in the last column of the affected parts list:

Note 1: Parallel NOR Flash part or SRAM part added to the list of affected parts to ensure obsolescence of the complete related family of parts including Tape and Reel options.

Note 2: An alternative replacement part has been identified for this product.

Note 3: F-RAM Memory part associated with a package that is being obsoleted at the end of this year by the manufacturer. Be advised that it is critical to identify the last time build requirements for this product before December 2016 to allow time for all assembly to be completed before end of year when the product is shutdown. Cypress will build some inventory based on historical run-rates and customer-provided forecasts, however, should inventory be depleted prior to last time buy date, Cypress will close order entry before date provided in this PTN.

Note 4: These parts are related to migration from GL-P or GL-S to the GL-T family of Flash products. A document providing information on this migration is attached with this PTN.

The affected part numbers are listed in the attached 'Affected Parts List' file and include the parts previously identified in the PTN162501. Last Time Buy (LTB) and Last Time Ship (LTS) dates are provided for each product. The LTB date denotes the last day on which orders will be accepted; these orders may be scheduled for shipment through the LTS date provided.

The part listed as the “Drop-In Replacement” will perform the same task but with improved or revised technology. The part listed as the “Next Best Alternative” is the recommended replacement that may have some features or functions that are different and may require board re-design.

Affected Part Numbers: 415

Please see the attached ‘Affected Parts List’ file for a list of part numbers, Last Time Buy Dates and Last Time Ship Dates.

Qualification Status:

Recommended replacement parts have been previously qualified, unless specifically noted.

Sample Status:

Samples of replacement parts are available. Please contact your local sales representative to place sample orders.

Approximate Implementation Date:

This change is effective with this notification.

Response Required:

No response required. For additional information regarding this notice, contact the personnel listed in the table below, your local sales representative, or the PCN Administrator at pcn_adm@cypress.com.

Contact	Country	Phone Number	Email	Family of Parts
Vijay D’Souza	US	408-833-4817	vhd@cypress.com	Async and Micropower SRAMs, Dual Ports, and Clocks
Kavitha D.C.	India	+9180 67013579	kavi@cypress.com	Development Kits
Adithi Perepu	US	408-545-9614	admu@cypress.com	Sync SRAM
Ashvini Patil	US	408-545-9631	aspa@cypress.com	NOR SPI
Arun Verma	US	719-481-7029	aavm@cypress.com	Non-Volatile and F-RAM Memory
Jing Mu	US	408-943-2618	jhmu@cypress.com	HRPSoC
Nikhil Bagri	US	408-545-9866	nfb@cypress.com	Parallel NOR FLASH

Sincerely,

Cypress PCN Administration

Item	Marketing Part Number	Item Catalog Category	Last Time Buy (LTB)	Last Time Ship (LTS)	Drop-in Replacement	Next Best Alternative	Notes
1	40060228	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHSS50	S29GL512T10DHS50	Note 2, 4
2	00001882457	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
3	00001936360	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
4	00002144425	Parallel NOR FLASH	5-Jul-17	2-Apr-18	None	None	Note 4
5	16-3118-03	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFI010	None	Note 1, 4
6	16-3236-03	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHI010	S29GL512T10DHI010	Note 2, 4
7	16-3236-03-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHI013	S29GL512T10DHI013	Note 2, 4
8	16-3270-01	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI010	None	Note 4
9	16-3270-01-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI013	None	Note 4
10	16-3532-02	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI010	None	Note 1, 4
11	16-3532-02T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI013	None	Note 1, 4
12	16-3532-02-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI013	None	Note 1, 4
13	16-3743-01	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI010	None	Note 1, 4
14	16-3743-01-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI013	None	Note 4
15	16-4001-01	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT11FFIV10	None	Note 4
16	16-4001-01-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT11FFIV13	None	Note 4
17	16-4070-01	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T11FHV10	S29GL512T11DHW10	Note 2, 4
18	16-4070-01-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T11FHV13	S29GL512T11DHW13	Note 2, 4
19	16-4110-01	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFI010	None	Note 4
20	16-4110-01-T	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFI013	None	Note 4
21	16-4140-01	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHI020	S29GL01GT10DHI020	Note 1, 4
22	28232478	A Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHI023	S29GL01GT10DHI023	Note 2, 4
23	28232478	B Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHI023	S29GL01GT10DHI023	Note 2, 4
24	40060144	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI010	None	Note 1, 4
25	40060229	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFI010	None	Note 4
26	536656-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHI010	S29GL512T10DHI010	Note 3, 4
27	540179-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFI010	None	Note 4
28	542503-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHI020	S29GL512T10DHI020	Note 2, 4
29	543370-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFI020	None	Note 4
30	546788-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHI010	S29GL01GT10DHI010	Note 2, 4
31	548101-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHI010	S29GL512T10DHI010	Note 2, 4
32	556049-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHS60	S29GL512T10DHS60	Note 2, 4
33	557376-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFI010	None	Note 4
34	559683-001-00	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHI020	S29GL512T10DHI020	Note 2, 4
35	8 611 200 879	Parallel NOR FLASH	5-Jul-17	2-Apr-18	None	None	Note 4
36	8 611 200 893	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
37	A2C00051189	A Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
38	CG7327AT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	
39	CG7327ATT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	Note 1
40	CG7516AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN-10ZSX	
41	CG7516AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN-10ZSX	Note 1
42	CG7604AT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN-10ZSX	
43	CG7604ATT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN-10ZSX	Note 1
44	CG7623AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10BVX	
45	CG7623AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10BVX	Note 1
46	CG7692AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZX	
47	CG7692AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZX	Note 1
48	CG7712AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C10612GN30-10ZSX	
49	CG7712AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C10612GN30-10ZSX	Note 1
50	CG7721AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN30-10ZSX	
51	CG7721AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN30-10ZSX	Note 1
52	CG7751AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN30-10ZSX	
53	CG7751AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN30-10ZSX	Note 1
54	CG7820AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	
55	CG7820AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	Note 1
56	CG7833AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	CY148108L-2545X	None	
57	CG7833AAT	Non-Volatile Memory	4-Jan-17	3-Jul-17	CY148108L-2545XIT	None	
58	CG7846AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM24C16B-GTR	None	
59	CG7846AAT	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM24C16B-GTR	None	
60	CG7847AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM25L04B-GTR	None	
61	CG7847AAT	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM25L04B-GTR	None	
62	CG7886AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZSX	
63	CG7886AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZSX	Note 1
64	CG8013AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZX	
65	CG8013AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZX	Note 1
66	CG8067AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1061GN30-10ZSX	None	
67	CG8067AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1061GN30-10ZSX	None	Note 1
68	CG8069AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN30-10VX	
69	CG8069AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN30-10VX	Note 1
70	CG8103AA	Sync SRAMS	4-Jan-17	3-Jul-17	None	CY7C1460KV33-167AX	
71	CG8104AA	Sync SRAMS	4-Jan-17	3-Jul-17	None	CY7C1460KV33-200AX	
72	CG8104AAT	Sync SRAMS	1-Mar-17	28-Aug-17	None	CY7C1460KV33-200AX	Note 1
73	CG8131AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	CY148104NA-ZSP45X	None	
74	CG8131AAT	Non-Volatile Memory	4-Jan-17	3-Jul-17	CY148104NA-ZSP45XIT	None	
75	CG8142AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	
76	CG8142AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	Note 1
77	CG8153AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	
78	CG8153AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN30-10ZSX	Note 1
79	CG8163AA	Sync SRAMS	4-Jan-17	3-Jul-17	CY7C1441KV33-133AX	None	
80	CG8249AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN30-10VX	None	
81	CG8249AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN30-10VX	None	Note 1
82	CG8251AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN30-10BVX	None	
83	CG8251AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN30-10BVX	None	Note 1
84	CG8255AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN-10VX	None	
85	CG8255AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN-10VX	None	Note 1
86	CG8257AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1061GN30-10BVX	None	
87	CG8257AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1061GN30-10BVX	None	Note 1
88	CG8258AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1062GN30-10BGX	None	
89	CG8258AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1062GN30-10BGX	None	Note 1
90	CG8262AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZX	
91	CG8262AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1061GN30-10ZX	Note 1
92	CG8263AA	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1061GN30-10ZX	None	
93	CG8263AAT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1061GN30-10ZX	None	Note 1
94	CG8283AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM28V020-T28G	None	
95	CG8284AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM28V020-TGT	None	
96	CG8284AAT	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM28V020-TGT	None	
97	CG8299AA	Sync SRAMS	4-Jan-17	3-Jul-17	CY7C1441KV33-133AX	None	
98	CG8307AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN-10ZSX	
99	CG8307AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1041GN-10ZSX	Note 1
100	CG8392AA	Sync SRAMS	4-Jan-17	3-Jul-17	None	CY7C1460KV25-167AX	
101	CG8392AAT	Sync SRAMS	1-Mar-17	28-Aug-17	None	CY7C1460KV25-167AX	Note 1
102	CG8393AA	Sync SRAMS	4-Jan-17	3-Jul-17	None	CY7C1441KV33-133AX	
103	CG8403AA	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN-10VX	
104	CG8403AAT	Async SRAMS	4-Jan-17	3-Jul-17	None	CY7C1049GN-10VX	Note 1
105	CG8418AA	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM25V20-PG	None	
106	CG8608AA	Sync SRAMS	1-Mar-17	28-Aug-17	None	None	Note 1
107	CY7C1041D-2XW	Async SRAMS	4-Jan-17	3-Jul-17	None	None	
108	CY7C1041LV33-10ZSX	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN30-10ZSX	None	
109	CY7C1041LV33-10ZSXIT	Async SRAMS	4-Jan-17	3-Jul-17	CY7C1041GN30-10ZSX	None	Note 1
110	CY7C1046D-10VX	Async SRAMS	4-Jan-17	3-Jul-17	None	None	
111	CY7C1046D-10VXIT	Async SRAMS	4-Jan-17	3-Jul-17	None	None	Note 1
112	CY7C1046DV33-10VX	Async SRAMS	4-Jan-17	3-Jul-17	None	None	
113	CY7C1046DV33-10VXIT	Async SRAMS	4-Jan-17	3-Jul-17	None	None	Note 1
114	CY7C1062DV33-2XW11	Async SRAMS	4-Jan-17	3-Jul-17	None	None	
115	CY7C1069AV33-1XW14	Async SRAMS	4-Jan-17	3-Jul-17	None	None	

Note 1: Parallel NOR Flash part or SYNC SRAM part added to the list of affected parts to ensure obsolescence of the complete related family of parts.

Note 2: An alternative replacement part has been identified for this product.

Note 3: F-RAM Memory part associated with a package that is being obsoleted at the end of this year by the manufacturer. Be advised that it is critical to identify the last time build requirements for this product before December 2016 to allow time for all assembly to be completed before end of year when the product is shutdown. Cypress will build some inventory based on historical run-rates and customer-provided forecasts, however, should inventory be depleted prior to last time buy date, Cypress will make order entry before date provided in this PTN.

Note 4: These parts are related to migration from GL-P or GL-S to the GL-T family of Flash products. A document providing information on this migration is attached with this PTN.

116	CY7C144AV33-1XW1	Sync SRAMs	4-Jan-17	3-Jul-17	None	None	
117	CY7C1460SV25-167AXC	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1460KV25-167AXC	None	
118	CY7C1460SV25-167AXCT	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1460KV25-167AXC	None	Note 1
119	CY7C1460SV25-167BZC	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1460KV25-167BZC	None	
120	CY7C1460SV25-167BZCT	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1460KV25-167BZC	None	Note 1
121	CY7C1460SV25-167BZXC	Sync SRAMs	5-Apr-17	2-Apr-18	None	CY7C1460KV25-167BZXC	
122	CY7C1460SV33-200AXC	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1460KV33-200AXC	None	
123	CY7C1461SV33-133AXC	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1461KV33-133AXC	None	
124	CY7C1461SV33-133AXCT	Sync SRAMs	5-Apr-17	2-Apr-18	CY7C1461KV33-133AXC	None	Note 1
125	CY7C421-15AXC	FIFOs	4-Jan-17	3-Jul-17	None	None	
126	CY7C421-15AXCT	FIFOs	4-Jan-17	3-Jul-17	None	None	Note 1
127	CY7C421-20JXC	FIFOs	4-Jan-17	3-Jul-17	None	None	
128	CY7C421-20JXCT	FIFOs	4-Jan-17	3-Jul-17	None	None	Note 1
129	CY7C421-20VXC	FIFOs	4-Jan-17	3-Jul-17	None	None	
130	CY7C421-20VXCT	FIFOs	4-Jan-17	3-Jul-17	None	None	Note 1
131	CY8C20234-12LKXA	HRPSoC	5-Apr-17	1-Jan-18	None	None	
132	CY8C20234-12LKXAT	HRPSoC	5-Apr-17	1-Jan-18	None	None	
133	CY8KIT-143	Development Kit	5-Oct-16	2-Jan-17	None	None	
134	CYU583ACC-001	Development Kit	5-Oct-16	2-Jan-17	None	None	
135	CYU583ACC-002	Development Kit	5-Oct-16	2-Jan-17	None	None	
136	CYU583ACC-003	Development Kit	5-Oct-16	2-Jan-17	None	None	
137	CW170-01SXC	Clock Distribution	4-Jan-17	3-Jul-17	None	None	
138	CW170-01SXC	Clock Distribution	4-Jan-17	3-Jul-17	None	None	Note 1
139	FM1500B-PC	SRAM Memory	17-Feb-17	1-Aug-17	None	None	Note 3
140	FM1500B-PC	Non-Volatile Memory	4-Jan-17	3-Jul-17	None	None	
141	FM25040B-GA1	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM25040B-GA	None	
142	FM25040B-GA1TR	Non-Volatile Memory	4-Jan-17	3-Jul-17	FM25040B-GATR	None	
143	QMP29GLO1GP11FAIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
144	QMP29GLO1GP11FAIR12	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
145	QMP29GLO1GP11FFS580	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
146	QMP29GLO1GP11TAIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
147	QMP29GLO1GP12FAI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
148	QMP29GLO1GP12FFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
149	QMP29GLO1GP12FFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
150	QMP29GLO1GP12TFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
151	QMP29GLO1GP12TFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
152	QMP29GLO1GP12P10FFCR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
153	QMP29GLO1GP12P10FFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
154	QMP29GLO1GP12P10FFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
155	QMP29GLO1GP12P10TAI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
156	QMP29GLO1GP12P10TFR20D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
157	QMP29GLO1GP12P11FFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
158	QMP29GLO1GP12P11FFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
159	QMP29GLO1GP12P11TAI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
160	QMP29GLO1GP12P11TAI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
161	QMP29GLO1GP12P11TFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
162	QMP29GLO1GP12P11TFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
163	QMP29GLO1GP12P11FFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
164	QMP29GLO1GP12P11TFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
165	QMP29GLO1GP12P11FFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
166	QMP29GLO1GP12P11FFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
167	QMP29GLO1GP12P11TFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
168	QMP29GLO1GP12P11TFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
169	QMP29GLO1GP12P11TFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
170	QMP29GLO1GP12P11TFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
171	S25FL208KORMF010	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF010	
172	S25FL208KORMF011	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF011	
173	S25FL208KORMF013	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF013	
174	S25FL208KORMF040	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF040	
175	S25FL208KORMF041	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF041	
176	S25FL208KORMF043	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF043	
177	S25FL208KORXEI909	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XWEI009	
178	S29GLO1GP11FAIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH010	S29GLO1GT10DH010	Note 2, 4
179	S29GLO1GP11FAIR12	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH013	S29GLO1GT10DH013	Note 2, 4
180	S29GLO1GP11FAIR13	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH013	S29GLO1GT10DH013	Note 2, 4
181	S29GLO1GP11FAIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH020	S29GLO1GT10DH020	Note 2, 4
182	S29GLO1GP11FFAR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
183	S29GLO1GP11FFAR22	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
184	S29GLO1GP11FFAR23	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
185	S29GLO1GP11FFCR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH010	S29GLO1GT10DH010	Note 2, 4
186	S29GLO1GP11FFCR102	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
187	S29GLO1GP11FFCR10A	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
188	S29GLO1GP11FFCR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH020	S29GLO1GT10DH020	Note 2, 4
189	S29GLO1GP11FFCR202	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
190	S29GLO1GP11FFCR20A	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
191	S29GLO1GP11FFR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH010	S29GLO1GT10DH010	Note 2, 4
192	S29GLO1GP11FFR102	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
193	S29GLO1GP11FFR10A	Parallel NOR FLASH	5-Jul-17	2-Apr-18	None	None	Note 4
194	S29GLO1GP11FFR12	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH013	S29GLO1GT10DH013	Note 2, 4
195	S29GLO1GP11FFR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH020	S29GLO1GT10DH020	Note 2, 4
196	S29GLO1GP11FFR202	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
197	S29GLO1GP11FFR20A	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
198	S29GLO1GP11FFR23	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH023	S29GLO1GT10DH023	Note 2, 4
199	S29GLO1GP11FFS570	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FHSS50	S29GLO1GT10DHSS50	Note 2, 4
200	S29GLO1GP11FFS572	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FHSS53	S29GLO1GT10DHSS53	Note 2, 4
201	S29GLO1GP11FFS580	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FHSS60	S29GLO1GT10DHSS60	Note 2, 4
202	S29GLO1GP11FFS80A	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
203	S29GLO1GP11FFS83	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FHSS63	S29GLO1GT10DHSS63	Note 2, 4
204	S29GLO1GP11TAIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI010	None	Note 4
205	S29GLO1GP11TAIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI020	None	Note 4
206	S29GLO1GP11TFCR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI010	None	Note 4
207	S29GLO1GP11TFCR105	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
208	S29GLO1GP11TFCR10D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
209	S29GLO1GP11TFCR13	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI013	None	Note 4
210	S29GLO1GP11TFCR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI020	None	Note 4
211	S29GLO1GP11TFCR205	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
212	S29GLO1GP11TFCR20D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 1, 4
213	S29GLO1GP11TFR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI010	None	Note 4
214	S29GLO1GP11TFR10D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 1, 4
215	S29GLO1GP11TFR13	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI013	None	Note 4
216	S29GLO1GP11TFR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI020	None	Note 4
217	S29GLO1GP11TFR20D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 1, 4
218	S29GLO1GP11TFR23	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI023	None	Note 4
219	S29GLO1GP12FAI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH010	S29GLO1GT10DH010	Note 2, 4
220	S29GLO1GP12FAI012	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH013	S29GLO1GT10DH013	Note 2, 4
221	S29GLO1GP12FAI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH020	S29GLO1GT10DH020	Note 2, 4
222	S29GLO1GP12FAI022	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH023	S29GLO1GT10DH023	Note 2, 4
223	S29GLO1GP12FAI023	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH023	S29GLO1GT10DH023	Note 2, 4
224	S29GLO1GP12FFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH010	S29GLO1GT10DH010	Note 2, 4
225	S29GLO1GP12FFI012	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH013	S29GLO1GT10DH013	Note 2, 4
226	S29GLO1GP12FFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH020	S29GLO1GT10DH020	Note 2, 4
227	S29GLO1GP12FFI022	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FH023	S29GLO1GT10DH023	Note 2, 4
228	S29GLO1GP12FFIS20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10FHSS60	S29GLO1GT10DHSS60	Note 2, 4
229	S29GLO1GP12TFI010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI010	None	Note 1, 4
230	S29GLO1GP12TFI013	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI013	None	Note 1, 4
231	S29GLO1GP12TFI020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GLO1GT10TFI020	None	Note 4

348	S70GL02GP11FFIR23	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
349	S70GL02GP12FAIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
350	S70GL02GP12FFIO10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
351	S70GL02GP12FFIO12	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
352	S70GL02GP12FFIO13	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
353	S70GL02GP12FFIO20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
354	S70GL02GP12FFIO22	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
355	S70GL02GP12FFIO23	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
356	S70GL02GP13FFIV20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
357	S99-50186	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHIO10	S29GL01GT10DHI010	Note 2, 4
358	S99-50204	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
359	S99-50204A	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 1, 4
360	S99-50206	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHSS50	S29GL512T10DHS550	Note 2, 4
361	S99-50221	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10DHS560	None	Note 4
362	S99-50231	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
363	S99-50241	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
364	S99-50244 P	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
365	S99-50244D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
366	S99-50249 P	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
367	S99-50249D	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
368	S99-50262	Parallel NOR FLASH	5-Jul-17	2-Apr-18	S29GL512T10FHSS50	S29GL512T10DHS550	Note 2, 4
369	S99-50276	Parallel NOR FLASH	5-Jul-17	2-Apr-18	S29GL01GT10TFIO10	None	Note 4
370	S99-50277	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT11TFIV20	None	Note 4
371	S99-50288	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO10	None	Note 4
372	S99-50289	Parallel NOR FLASH	5-Jul-17	2-Apr-18	S29GL512T10TFIO10	None	Note 4
373	S99-50301	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO10	None	Note 1, 4
374	S99-50302	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T11TFIV20	None	Note 4
375	S99-50312	Parallel NOR FLASH	5-Jul-17	2-Apr-18	S29GL512T11TFIV10	None	Note 4
376	S99-50313	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT11TFIV10	None	Note 4
377	S99-50362	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
378	S99FL208KORMFI041	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF041	
379	S99FL208KORMFI043	NOR SPI	4-Jan-17	3-Jul-17	None	S25FL116K0XMF043	
380	S99GL01GP0010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
381	S99GL01GP00202	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHIO20	S29GL01GT10DHI020	Note 2, 4
382	S99GL01GP0020A	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
383	S99GL01GP0030	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO20	None	Note 4
384	S99GL01GP0040	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO10	None	Note 4
385	S99GL01GP0050	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO20	None	Note 4
386	S99GL01GP0060	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO20	None	Note 4
387	S99GL01GP0109	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
388	S99GL01GP0209	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
389	S99GL01GP0609	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 1, 4
390	S99GL01GP11FFIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10FHIO10	S29GL01GT10DHI010	Note 2, 4
391	S99GL01GP11TFIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO10	None	Note 4
392	S99GL01GP11TFIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT10TFIO20	None	Note 4
393	S99GL01GP13FFIV10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL01GT11FHIV10	S29GL01GT11DHIV10	Note 2, 4
394	S99GL512P0010	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
395	S99GL512P0020	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
396	S99GL512P0030	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
397	S99GL512P0040	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO10	None	Note 4
398	S99GL512P0050	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
399	S99GL512P0060	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO10	None	Note 4
400	S99GL512P0070	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
401	S99GL512P0080	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO10	None	Note 4
402	S99GL512P0090	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
403	S99GL512P10TFIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO10	None	Note 4
404	S99GL512P10TFIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
405	S99GL512P11FFIO10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10FHIO10	S29GL512T10DHI010	Note 2, 4
406	S99GL512P11TFIO10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO10	None	Note 4
407	S99GL512P11TFIO20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T10TFIO20	None	Note 4
408	S99GL512P12FFIV10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T11FHIV10	S29GL512T11DHIV10	Note 2, 4
409	S99GL512P12FFIV20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	S29GL512T11FFIV20	None	Note 4
410	V29GL01GP11FAIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
411	V29GL01GP11FFIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
412	V29GL01GP11TAIR20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
413	V29GL01GP11TFIR10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
414	V29GL512P10TAIO10	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4
415	V29GL512P11TAIO20	Parallel NOR FLASH	5-Apr-17	2-Oct-17	None	None	Note 4