



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

## PRODUCT TERMINATION NOTIFICATION

**PTN:** PTN195105A

**Date:** February 06, 2020

**Subject:** Addendum to PTN195105 - January 2020 Product Obsolescence Notification

### **Product Obsolescence Information:**

The purpose of this addendum is to update the affected parts list communicated in the initial PTN195105. Refer to the “Notes” below for further details.

Cypress announced the obsolescence of select products from its portfolio resulting from an internal review and business decision to discontinue support. The affected part numbers are listed in the attached file. 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. “NCNR Date” provided in attached list of affected parts is the date that the part will shift to Non-Cancellable; Non-Returnable (NCNR) terms and conditions. If the table denotes “NCNR”, that means part is already NCNR.

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

Note 1: Updated LTB/LTS on parts in attached list identified with a “Note 1”.

Note 2: Updated “Drop-In Replacement Part” or “Next Best Alternative Part” on parts in attached list identified with a “Note 2”.

Note 3: Parts are not affected by PTN195105 - S99WS128P0010, S99WS128P0013 and S99-50210.

### **Part Numbers Affected: 559**

Please see the attached file for a list of part numbers, Last Time Buy Dates and Last Time Ship Dates.

**Approximate Implementation Date:**

This change is effective with this notification. See attached listing for specified Last Time Buy and Last Time Ship dates by device.

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

Contact	Country	Phone Number	Email	Family of Parts
Hideki Hosoda	Japan	+81-44-920-8233	hhos@cypress.com	Capsense Plus, PSoC, MCU
Sai Dhanraj	US	1-408-545-9588	sapd@cypress.com	Parallel NOR FLASH
P. K. Sidharth	US	1-719-481-7058	ksi@cypress.com	FRAM, Clocks, SRAM's
Tsukasa Tatsumi	Japan	+81-44-920-8193	ttat@cypress.com	Auto MCU, Analog
Jing Mu	US	1-408-943-2618	jhmu@cypress.com	Auto PSoC
Ajit Kukkilaya	US	1-408-456-1872	ajit@cypress.com	CCG's, PHY's

Sincerely,

Cypress PCN Administration

<b>Item</b>	<b>Marketing Part Number</b>	<b>LTB Date</b>	<b>LTS Date</b>	<b>Drop In Replacement Part</b>	<b>Next Best Alternative Part</b>
1	40060108	1-Jul-2020	4-Jan-2021	None	None
2	40060212	1-Jul-2020	4-Jan-2021	None	None
3	0791076249RQA00	30-Sep-2020	5-Jul-2021	None	None
4	40060108-001	1-Jul-2020	4-Jan-2021	None	None
5	40060108-002	1-Jul-2020	4-Jan-2021	None	None
6	457780-1040	30-Sep-2020	5-Jul-2021	None	None
7	99320-E0474-A	1-Jul-2020	4-Jan-2021	None	CY2305SXI-1H
8	A2C00062738 A	30-Sep-2020	5-Jul-2021	None	None
9	A2C00063229 A	30-Sep-2020	5-Jul-2021	None	None
10	C08-0585-0001-0	30-Sep-2020	5-Jul-2021	None	None
11	CY14B102NS-BA45XC	1-Jul-2020	4-Jan-2021	None	None
12	CY14B102NS-BA45XCT	1-Jul-2020	4-Jan-2021	None	None
13	CY14B104NA-BA25I	1-Jul-2020	4-Jan-2021	None	None
14	CY14B104NA-BA25IT	1-Jul-2020	4-Jan-2021	None	None
15	CY14B512I-SFXI	1-Jul-2020	4-Jan-2021	None	None
16	CY14B512I-SFXIT	1-Jul-2020	4-Jan-2021	None	None
17	CY14B512PA-SFXI	1-Jul-2020	4-Jan-2021	None	None
18	CY14B512PA-SFXIT	1-Jul-2020	4-Jan-2021	None	None
19	CY22050KZXC-135	1-Apr-2020	28-Sep-2020	None	None
20	CY22050KZXC-135T	1-Apr-2020	28-Sep-2020	None	None
21	CY22050KZXC-149	1-Apr-2020	28-Sep-2020	None	None
22	CY22050KZXC-149T	1-Apr-2020	28-Sep-2020	None	None
23	CY22381SXC-212	1-Jul-2020	4-Jan-2021	None	None
24	CY22381SXC-212T	1-Jul-2020	4-Jan-2021	None	None
25	CY22388ZXC-28	1-Apr-2020	28-Sep-2020	None	None
26	CY22388ZXC-28T	1-Apr-2020	28-Sep-2020	None	None
27	CY22395FXC	1-Jul-2020	4-Jan-2021	None	None
28	CY22395FXCT	1-Jul-2020	4-Jan-2021	None	None
29	CY22395FXI	1-Jul-2020	4-Jan-2021	None	None
30	CY22395FXIT	1-Jul-2020	4-Jan-2021	None	None
31	CY22800KFXI	1-Jul-2020	4-Jan-2021	None	None
32	CY22800KFXIT	1-Jul-2020	4-Jan-2021	None	None
33	CY2292FZX	1-Jul-2020	4-Jan-2021	None	None
34	CY2292FZXI	1-Apr-2020	28-Sep-2020	None	None
35	CY2292FZXIT	1-Apr-2020	28-Sep-2020	None	None
36	CY2292FZXIT	1-Jul-2020	4-Jan-2021	None	None
37	CY24293ZXA	1-Jul-2020	4-Jan-2021	None	None
38	CY24293ZXAT	1-Jul-2020	4-Jan-2021	None	None
39	CY24488ZXC	1-Apr-2020	28-Sep-2020	None	None
40	CY24488ZXCT	1-Apr-2020	28-Sep-2020	None	None
41	CY25100SXC-059	1-Jul-2020	4-Jan-2021	None	None
42	CY25100SXC-059T	1-Jul-2020	4-Jan-2021	None	None
43	CY25100SXC-061	1-Jul-2020	4-Jan-2021	None	None
44	CY25100SXC-061T	1-Jul-2020	4-Jan-2021	None	None
45	CY25100ZXC68	1-Apr-2020	28-Sep-2020	None	None
46	CY25100ZXC68T	1-Apr-2020	28-Sep-2020	None	None
47	CY3210-PSOCEVAL1	1-Apr-2020	29-Jun-2020	None	None

48	CY3214-PSOCEVALUSB	1-Apr-2020	29-Jun-2020	None	None
49	CY3290-CYAT8168X-001	1-Apr-2020	29-Jun-2020	None	None
50	CY3290-TMA1036A	1-Apr-2020	29-Jun-2020	None	None
51	CY3660	1-Apr-2020	29-Jun-2020	None	None
52	CY3664-EXT	1-Apr-2020	29-Jun-2020	None	None
53	CY39C031WQN-G-111-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
54	CY39C031WQN-G-112-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
55	CY39C031WQN-G-121-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
56	CY39C031WQN-G-122-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
57	CY39C031WQN-G-131-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
58	CY39C031WQN-G-132-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
59	CY39C031WQN-G-141-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
60	CY39C031WQN-G-142-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
61	CY39C031WQN-G-211-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
62	CY39C031WQN-G-212-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
63	CY39C031WQN-G-221-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
64	CY39C031WQN-G-222-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
65	CY39C031WQN-G-231-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
66	CY39C031WQN-G-232-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
67	CY39C031WQN-G-241-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
68	CY39C031WQN-G-242-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
69	CY39C031WQN-G-311-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
70	CY39C031WQN-G-312-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
71	CY39C031WQN-G-321-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
72	CY39C031WQN-G-322-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
73	CY39C031WQN-G-331-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
74	CY39C031WQN-G-332-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
75	CY39C031WQN-G-341-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
76	CY39C031WQN-G-342-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
77	CY39C031WQN-G-411-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
78	CY39C031WQN-G-412-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
79	CY39C031WQN-G-421-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
80	CY39C031WQN-G-422-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
81	CY39C031WQN-G-431-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
82	CY39C031WQN-G-432-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
83	CY39C031WQN-G-441-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
84	CY39C031WQN-G-442-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
85	CY39C326-WF	1-Apr-2020	29-Jun-2020	None	None
86	CY39C603PF-G-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
87	CY39C604PNF-G-JNE1	1-Apr-2020	29-Jun-2020	None	None
88	CY39C604PNF-G-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
89	CY39C605PNF-G-JNE1	1-Apr-2020	29-Jun-2020	None	None
90	CY39C605PNF-G-JNEFE1	1-Apr-2020	29-Jun-2020	None	None
91	CY4501	1-Apr-2020	29-Jun-2020	None	None
92	CY4672-69103-POD	1-Apr-2020	29-Jun-2020	None	None
93	CY62126EV18LL-70BVXI	1-Jul-2020	4-Jan-2021	None	None
94	CY62147EV30LL-45BVI	1-Jul-2020	4-Jan-2021	None	None
95	CY62147EV30LL-45BVIT	1-Jul-2020	4-Jan-2021	None	None
96	CY62256NLL-55ZXA	1-Jul-2020	4-Jan-2021	None	None

97	CY62256NLL-55ZXAT	1-Jul-2020	4-Jan-2021	None	None
98	CY62256NLL-55ZXI	1-Apr-2020	28-Sep-2020	None	None
99	CY62256NLL-55ZXIT	1-Apr-2020	28-Sep-2020	None	None
100	CY62256VNULL-70ZXC	1-Apr-2020	28-Sep-2020	None	None
101	CY62256VNULL-70ZXCT	1-Apr-2020	28-Sep-2020	None	None
102	CY62256VNULL-70ZXI	1-Apr-2020	28-Sep-2020	None	None
103	CY62256VNULL-70ZXIT	1-Apr-2020	28-Sep-2020	None	None
104	CY7C1020CV33-15ZSXE	1-Jul-2020	4-Jan-2021	None	None
105	CY7C1020CV33-15ZSXET	1-Jul-2020	4-Jan-2021	None	None
106	CY7C1312LV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
107	CY7C1313KV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
108	CY7C1319KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
109	CY7C1320KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
110	CY7C1320KV18-250BZCT	1-Jul-2020	4-Jan-2021	None	None
111	CY7C1393KV18-250BZI	1-Jul-2020	4-Jan-2021	None	None
112	CY7C1399BN-12ZXC	1-Apr-2020	28-Sep-2020	None	None
113	CY7C1399BN-12ZXCT	1-Apr-2020	28-Sep-2020	None	None
114	CY7C1399BN-15ZXI	1-Apr-2020	28-Sep-2020	None	None
115	CY7C1399BN-15ZXIT	1-Apr-2020	28-Sep-2020	None	None
116	CY7C1411KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
117	CY7C1414LV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
118	CY7C1415KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
119	CY7C1415KV18-250BZCT	1-Jul-2020	4-Jan-2021	None	None
120	CY7C1420LV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
121	CY7C1424KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
122	CY7C1424KV18-250BZCT	1-Jul-2020	4-Jan-2021	None	None
123	CY7C1425LV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
124	CY7C1441KV25-133BZXI	1-Jul-2020	4-Jan-2021	None	None
125	CY7C1441KV25-133BZXIT	1-Jul-2020	4-Jan-2021	None	None
126	CY7C1443KV33-133AXI	1-Jul-2020	4-Jan-2021	None	None
127	CY7C1445KV33-250AXC	1-Jul-2020	4-Jan-2021	None	None
128	CY7C1460KV25-167BZC	1-Jul-2020	4-Jan-2021	None	None
129	CY7C1460KV25-167BZCT	1-Jul-2020	4-Jan-2021	None	None
130	CY7C1460KV25-250BZC	1-Jul-2020	4-Jan-2021	None	None
131	CY7C1462KV25-167BZI	1-Jul-2020	4-Jan-2021	None	None
132	CY7C1462KV25-250BZXC	1-Jul-2020	4-Jan-2021	None	None
133	CY7C1512LV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
134	CY7C1514KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
135	CY7C1514LV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
136	CY7C1518KV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
137	CY7C1520KV18-250BZI	1-Jul-2020	4-Jan-2021	None	None
138	CY7C1520KV18-250BZIT	1-Jul-2020	4-Jan-2021	None	None
139	CY7C1521KV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
140	CY7C1523KV18-250BZXC	1-Jul-2020	4-Jan-2021	None	None
141	CY7C1525KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
142	CY7C1525KV18-250BZCT	1-Jul-2020	4-Jan-2021	None	None
143	CY7C1911KV18-250BZC	1-Jul-2020	4-Jan-2021	None	None
144	CY7C1911KV18-250BZCT	1-Jul-2020	4-Jan-2021	None	None

145	CY7C199D-10ZXI	1-Apr-2020	28-Sep-2020	None	None
146	CY7C199D-10ZXIT	1-Apr-2020	28-Sep-2020	None	None
147	CY88161-WF	1-Apr-2020	29-Jun-2020	None	None
148	CY88386PMC-GS-BNDE1	30-Sep-2020	5-Jul-2021	None	None
149	CY8C27143-24PXI	1-Apr-2020	29-Jun-2020	None	None
150	CY90022PF-GS-437E1	30-Sep-2020	5-Jul-2021	None	None
151	CY90022PF-GS-467E1	30-Sep-2020	5-Jul-2021	None	None
152	CY90347CAPF-GS-372E1	30-Sep-2020	5-Jul-2021	None	CY90F347CAPF-GSE1
153	CY90349ASPMC-GS-783E1	30-Sep-2020	5-Jul-2021	None	CY90F349ASPMC-GSE1
154	CY90351ESPMC-GS-143E1	30-Sep-2020	5-Jul-2021	None	CY90F351ESPMC-GSE1
155	CY90351ESPMC-GS-150E1	30-Sep-2020	5-Jul-2021	None	CY90F351ESPMC-GSE1
156	CY90351ESPMC-GS-151E1	30-Sep-2020	5-Jul-2021	None	CY90F351ESPMC-GSE1
157	CY90351ESPMC-GS-169E1	30-Sep-2020	5-Jul-2021	None	CY90F351ESPMC-GSE1
158	CY90352ESPMC-GS-242E1	30-Sep-2020	5-Jul-2021	None	CY90F352ESPMC-GSE1
159	CY90352ESPMC-GS-249E1	30-Sep-2020	5-Jul-2021	None	CY90F352ESPMC-GSE1
160	CY90352ESPMC-GS-260E1	30-Sep-2020	5-Jul-2021	None	CY90F352ESPMC-GSE1
161	CY90352ESPMC-GS-261E1	30-Sep-2020	5-Jul-2021	None	CY90F352ESPMC-GSE1
162	CY90362ESPMT-GS-111E1	30-Sep-2020	5-Jul-2021	None	CY90F362ESPMT-GSE1
163	CY90362ESPMT-GS-120E1	30-Sep-2020	5-Jul-2021	None	CY90F362ESPMT-GSE1
164	CY90387PMT-GT-347E1	30-Sep-2020	5-Jul-2021	None	CY90F387PMT-GSE1
165	CY90387PMT-GT-350E1	30-Sep-2020	5-Jul-2021	None	CY90F387PMT-GSE1
166	CY90387SPMT-GS-349E1	30-Sep-2020	5-Jul-2021	None	CY90F387SPMT-GSE1
167	CY90387SPMT-GS-365E1	30-Sep-2020	5-Jul-2021	None	CY90F387SPMT-GSE1
168	CY90387SPMT-GS-377E1	30-Sep-2020	5-Jul-2021	None	CY90F387SPMT-GSE1
169	CY90387SPMT-GT-127E1	30-Sep-2020	5-Jul-2021	None	CY90F387SPMT-GSE1
170	CY90423GAVPF-GS-340E1	30-Sep-2020	5-Jul-2021	None	None
171	CY90423GAVPF-GS-364E1	30-Sep-2020	5-Jul-2021	None	None
172	CY90427GAPF-GS-209E1	30-Sep-2020	5-Jul-2021	None	None
173	CY90427GAPF-GS-346E1	30-Sep-2020	5-Jul-2021	None	None
174	CY90427GAPMC-GS-300E1	30-Sep-2020	5-Jul-2021	None	None
175	CY90427GAVPF-GS-299E1	30-Sep-2020	5-Jul-2021	None	None
176	CY90427GAVPF-GS-319E1	30-Sep-2020	5-Jul-2021	None	None
177	CY90427GAVPF-GS-359E1	30-Sep-2020	5-Jul-2021	None	None
178	CY90427GAVPF-GS-361E1	30-Sep-2020	5-Jul-2021	None	None
179	CY90427GAVPF-GS-516E1	30-Sep-2020	5-Jul-2021	None	None
180	CY90427GAVPF-GS-541E1	30-Sep-2020	5-Jul-2021	None	None
181	CY90587CAPF-G-129-BNDE1	30-Sep-2020	5-Jul-2021	None	None
182	CY90587CAPF-GS-153-BNDE1	30-Sep-2020	5-Jul-2021	None	None
183	CY90587CAPF-GS-172E1	30-Sep-2020	5-Jul-2021	None	None
184	CY90587CAPF-GS-175E1	30-Sep-2020	5-Jul-2021	None	None
185	CY90587CPF-G-141-BNDE1	30-Sep-2020	5-Jul-2021	None	None
186	CY90587CPF-GS-154-BNDE1	30-Sep-2020	5-Jul-2021	None	None
187	CY90922NCSPMC-GS-118E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
188	CY90922NCSPMC-GS-151E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
189	CY90922NCSPMC-GS-253E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
190	CY90922NCSPMC-GS-268E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
191	CY90922NCSPMC-GS-272E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
192	CY90922NCSPMC-GS-273E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
193	CY90922NCSPMC-GS-274E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1

194	CY90922NCSPMC-GS-275E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
195	CY90922NCSPMC-GS-276E1	30-Sep-2020	5-Jul-2021	None	CY90F922NCSPMC-GS-UJE1
196	CY90931PMC-GS-136E1	30-Sep-2020	5-Jul-2021	None	CY90F931PMC-GS-UJE1
197	CY90947APF-GS-110-ERE1	30-Sep-2020	5-Jul-2021	None	CY90F947APFR-GS-SPE1
198	CY90947APQCR-GS-105E2	30-Sep-2020	5-Jul-2021	None	CY90F947APQCR-GS-SPE2
199	CY90947APQCR-GS-105ERE2	30-Sep-2020	5-Jul-2021	None	CY90F947APQCR-GS-SPE2
200	CY90F395HAPMCR-GS-SPE2	30-Sep-2020	5-Jul-2021	None	None
201	CY90F395HAPMT-GS-SPE1	30-Sep-2020	5-Jul-2021	None	None
202	CY90F428GAPF-GSE1	30-Sep-2020	5-Jul-2021	None	None
203	CY90F428GAVPF-GE1	30-Sep-2020	5-Jul-2021	None	None
204	CY90F428GCPFR-GSE1	30-Sep-2020	5-Jul-2021	None	None
205	CY90F428GCPMC-GE1	30-Sep-2020	5-Jul-2021	None	CY90F428GCPFV-GSE1
206	CY90F428GCPMC-GSE1	30-Sep-2020	5-Jul-2021	None	CY90F428GCPFV-GSE1
207	CY90F438LSPFV-GE1	30-Sep-2020	5-Jul-2021	None	None
208	CY90F438LSPMCR-GE1	30-Sep-2020	5-Jul-2021	None	None
209	CY90F443GPF-GE1	30-Sep-2020	5-Jul-2021	None	None
210	CY90F497GPF-GE1	30-Sep-2020	5-Jul-2021	None	CY90F497GPF-GSE1
211	CY90F546GPF-GE1	30-Sep-2020	5-Jul-2021	None	CY90F546GPFR-GE1
212	CY90F546GSPMC-GE1	30-Sep-2020	5-Jul-2021	None	None
213	CY90F546GSPQCR-G-FLE2	30-Sep-2020	5-Jul-2021	None	None
214	CY90F546GSPQCR-G-FLEFE2	30-Sep-2020	5-Jul-2021	None	None
215	CY90F548GHDSPQC-G-ERE2	30-Sep-2020	5-Jul-2021	None	None
216	CY90F548GLSPF-GSE1	30-Sep-2020	5-Jul-2021	None	None
217	CY90F548GPF-GE1	30-Sep-2020	5-Jul-2021	None	CY90F548GPFR-GE1
218	CY90F549PF-GE1	30-Sep-2020	5-Jul-2021	None	CY90F549GPF-GE1
219	CY90F591GPFR-GE1	30-Sep-2020	5-Jul-2021	None	None
220	CY90F594APF-GE1	30-Sep-2020	5-Jul-2021	None	None
221	CY90F594APFR-GE1	30-Sep-2020	5-Jul-2021	None	None
222	CY90F594GHPF-GSE1	30-Sep-2020	5-Jul-2021	None	None
223	CY90F594GHPFR-GE1	30-Sep-2020	5-Jul-2021	None	None
224	CY90F594GPFR-GE1	30-Sep-2020	5-Jul-2021	None	None
225	CY90F598GPF-GE1	30-Sep-2020	5-Jul-2021	None	None
226	CY90F598GPF-GSE1	30-Sep-2020	5-Jul-2021	None	None
227	CY90F598GPFR-GE1	30-Sep-2020	5-Jul-2021	None	None
228	CY90F598GPFR-GSE1	30-Sep-2020	5-Jul-2021	None	None
229	CY90F598PFR-GE1	30-Sep-2020	5-Jul-2021	None	None
230	CY90F946APFR-GS-SPERE1	30-Sep-2020	5-Jul-2021	None	None
231	CY90F947APFR-GS-SPE1	30-Sep-2020	5-Jul-2021	None	None
232	CY90F947APQCR-GS-SPE2	30-Sep-2020	5-Jul-2021	None	None
233	CY90F949APFR-GS-SPE1	30-Sep-2020	5-Jul-2021	None	None
234	CY90F949APQC-GS-SPE2	30-Sep-2020	5-Jul-2021	None	None
235	CY90F949APQC-GS-SPERE2	30-Sep-2020	5-Jul-2021	None	None
236	CY90F962SPMCR-G-JNE1	30-Sep-2020	5-Jul-2021	None	None
237	CY90F962SPMCR-GS-ERE1	30-Sep-2020	5-Jul-2021	None	None
238	CY91008PMC1-GS-107-BNDE1	30-Sep-2020	5-Jul-2021	None	None
239	CY91213APMC-GS-222E1	30-Sep-2020	5-Jul-2021	None	CY91F213APMC-GS-UJE1
240	CY91213APMC-GS-232E1	30-Sep-2020	5-Jul-2021	None	CY91F213APMC-GS-UJE1
241	CY91213APMC-GS-233E1	30-Sep-2020	5-Jul-2021	None	CY91F213APMC-GS-UJE1

242	CY91213APMC-GS-235E1	30-Sep-2020	5-Jul-2021	None	CY91F213APMC-GS-UJE1
243	CY91247SPFV-GS-537E1	30-Sep-2020	5-Jul-2021	None	None
244	CY91248SZPFV-GS-191E1	30-Sep-2020	5-Jul-2021	None	CY91F248SZPFV-GSE1
245	CY91248SZPFV-GS-199E1	30-Sep-2020	5-Jul-2021	None	CY91F248SZPFV-GSE1
246	CY91F248PFV-GE1	30-Sep-2020	5-Jul-2021	None	None
247	CY91F248SPFV-GSE1	30-Sep-2020	5-Jul-2021	None	None
248	CY91F248ZPFV-GSE1	30-Sep-2020	5-Jul-2021	None	None
249	CY91F362GAPFVS-GE1	30-Sep-2020	5-Jul-2021	None	CY91F362GAPVSR-GE1
250	CY91F365GBPMC3-GE2	30-Sep-2020	5-Jul-2021	None	CY91F365GBPMCR-GE1
251	CY91F368GBPMCR-GE1	30-Sep-2020	5-Jul-2021	None	None
252	CY91F369GAPQS1-G-N1E1	30-Sep-2020	5-Jul-2021	None	None
253	CY91F522DSCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
254	CY91F522JSCPMC-GS-K1E1	30-Sep-2020	5-Jul-2021	None	None
255	CY91F523FHDPMC-GS-F4E1	30-Sep-2020	5-Jul-2021	None	None
256	CY91F523JSDPMC-GTE1	30-Sep-2020	5-Jul-2021	None	None
257	CY91F524BSCPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	CY91F524BSCPMC1-GSE1
258	CY91F524BSCPMC1-GTE1	30-Sep-2020	5-Jul-2021	None	CY91F524BSCPMC1-GSE1
259	CY91F524FSCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
260	CY91F524KSCPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	None
261	CY91F524KSDPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	None
262	CY91F525BSBPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	None
263	CY91F525BSCPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	CY91F525BSCPMC1-GSE1
264	CY91F525DSCPMC-GS-ERE2	30-Sep-2020	5-Jul-2021	None	None
265	CY91F525FSCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
266	CY91F525JSBPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
267	CY91F525KSCPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	None
268	CY91F525KWCPMC1-GSE2	30-Sep-2020	5-Jul-2021	None	None
269	CY91F526BSDPMC1-GSE1	30-Sep-2020	5-Jul-2021	None	None
270	CY91F526BWBPMC1-GSE1	30-Sep-2020	5-Jul-2021	None	None
271	CY91F526DSCPMC-GTE1	30-Sep-2020	5-Jul-2021	None	CY91F526DSCPMC-GSE1
272	CY91F526DWDPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
273	CY91F526KSCPMC-GSE1	30-Sep-2020	5-Jul-2021	None	None
274	CY91F526KSCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
275	CY91F526KWCPMC1-GSE1	30-Sep-2020	5-Jul-2021	None	None
276	CY91F526LKBPMC-GSE1	30-Sep-2020	5-Jul-2021	None	None
277	CY91F527USCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
278	CY91F528MKCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
279	CY91F528MSCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
280	CY91F528MSCPMC-GTE2	30-Sep-2020	5-Jul-2021	None	None
281	CY91F528RSCEQ-GSE1	30-Sep-2020	5-Jul-2021	None	None
282	CY91F528RSCEQ-GSE2	30-Sep-2020	5-Jul-2021	None	None
283	CY91F528USCPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
284	CY91F528UWDEQ-GSE2	30-Sep-2020	5-Jul-2021	None	None
285	CY91F585AMHPMC-GTE1	30-Sep-2020	5-Jul-2021	None	None
286	CY91F591BHSPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
287	CY91F591BSPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
288	CY91F592BHPMC-GSE1	30-Sep-2020	5-Jul-2021	None	None
289	CY91F592BHPMC-GSE2	30-Sep-2020	5-Jul-2021	None	None
290	CY91F592BHSPMC-GS-ALE1	30-Sep-2020	5-Jul-2021	None	CY91F592BHSPMC-GSE1



291	CY91F592BHSPMC-GSE2	30-Sep-2020	5-Jul-2021	None	CY91F592BHSPMC-GSE1
292	CY91F592BSPMC-GSE2	30-Sep-2020	5-Jul-2021	None	CY91F592BSPMC-GSE1
293	CY91F594BHPMC-GSE1	30-Sep-2020	5-Jul-2021	None	None
294	CY91F594BHSPMC-GS-ALE1	30-Sep-2020	5-Jul-2021	None	CY91F594BHSPMC-GSE1
295	CY91F594BHSPMC-GSE2	30-Sep-2020	5-Jul-2021	None	CY91F594BHSPMC-GSE1
296	CY91F594BPMC-GSE1	30-Sep-2020	5-Jul-2021	None	None
297	CY91F594BSPMC-GSE2	30-Sep-2020	5-Jul-2021	None	CY91F594BSPMC-GSE1
298	CY94F601PMC1-GSE1	30-Sep-2020	5-Jul-2021	CY94F601APMC1-GSE1	None
299	CY94F6A2PMC1-GSE1	30-Sep-2020	5-Jul-2021	CY94F601APMC1-GSE1	None
300	CY95176MPMC1-GS-105E1	30-Sep-2020	5-Jul-2021	None	None
301	CY95F108AKSPFV-GSE1	30-Sep-2020	5-Jul-2021	None	None
302	CY95F176JWPMC1-GE1	30-Sep-2020	5-Jul-2021	None	CY95F176JWPMC1-GSE1
303	CY95F176JWPMC-GE1	30-Sep-2020	5-Jul-2021	None	CY95F176JWPMC1-GSE1
304	CY95F188JWPMC-GS-SPE1	30-Sep-2020	5-Jul-2021	None	None
305	CY96345RSAPMC-GS-105E1	30-Sep-2020	5-Jul-2021	None	None
306	CY96345RSAPMC-GS-111E1	30-Sep-2020	5-Jul-2021	None	None
307	CY96346RSAPMC-GS-109E2	30-Sep-2020	5-Jul-2021	None	CY96F346RSAPMCR-GS-UJE2
308	CY96375RSAPMC-GS-105E2	30-Sep-2020	5-Jul-2021	None	CY96F378HSBPMC-GS-UJE2
309	CY96375RSAPMC-GS-106E2	30-Sep-2020	5-Jul-2021	None	CY96F378HSBPMC-GS-UJE2
310	CY96393RSAPMC-GS-104ERE2	30-Sep-2020	5-Jul-2021	None	CY96F395RSAPMC-GS-UJE2
311	CY96F673ABPMC1-GS101UKE1	1-Apr-2020	29-Jun-2020	CY96F673ABPMC1-GS101UJE1	None
312	CY96F673ABPMC1-GS102UKE1	1-Apr-2020	29-Jun-2020	CY96F673ABPMC1-GS102UJE1	None
313	CY96F673ABPMC1-GS-UKE1	1-Apr-2020	29-Jun-2020	CY96F673ABPMC1-GS-UJE1	None
314	CY96F683ABPMC-GS-105UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-105UJE1	None
315	CY96F683ABPMC-GS-106UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-106UJE1	None
316	CY96F683ABPMC-GS-107UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-107UJE1	None
317	CY96F683ABPMC-GS-108UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-108UJE1	None
318	CY96F683ABPMC-GS-110UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-110UJE1	None
319	CY96F683ABPMC-GS-113UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-113UJE1	None
320	CY96F683ABPMC-GS-114UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-114UJE1	None
321	CY96F683ABPMC-GS-UKE1	1-Apr-2020	29-Jun-2020	CY96F683ABPMC-GS-UJE1	None
322	CY96F693ABPMC-GS-102UKE2	1-Apr-2020	29-Jun-2020	CY96F693ABPMC-GS102-UJE2	None
323	CY96F693ABPMC-GS-114UKE2	1-Apr-2020	29-Jun-2020	CY96F693ABPMC-GS-114UJE2	None
324	CY96F693ABPMC-GS-UKE2	1-Apr-2020	29-Jun-2020	CY96F693ABPMC-GS-UJE2	None
325	CY96F8E5K3BEQ-GSE1	30-Sep-2020	5-Jul-2021	None	None
326	CY9DF126PMC-GSE2	30-Sep-2020	5-Jul-2021	None	CY9DF126CPMC-GSE2
327	CY9EF226LPMC-GSE2	30-Sep-2020	5-Jul-2021	None	CY9EF226LBPMC-GSE2
328	CY9EF226PMC-GSE2-HTV	30-Sep-2020	5-Jul-2021	None	CY9EF226BPMC-GSE2
329	CYATB108LD-ZS45XI	1-Apr-2020	28-Sep-2020	None	None
330	CYFL243-001	1-Apr-2020	29-Jun-2020	None	None
331	CYFL244-001	1-Apr-2020	29-Jun-2020	None	None
332	CYFL270-001	1-Apr-2020	29-Jun-2020	None	None
333	CYUSB3ACC-004	1-Apr-2020	29-Jun-2020	None	None
334	CYWBDVK002AB	1-Apr-2020	29-Jun-2020	None	None
335	CG7473AF	1-Jul-2020	4-Jan-2021	None	None
336	CG7473AFT	1-Jul-2020	4-Jan-2021	None	None
337	CG7616AAT	1-Jul-2020	4-Jan-2021	None	None
338	CG7672AA	1-Jul-2020	4-Jan-2021	None	None

339	CG7672AAT	1-Jul-2020	4-Jan-2021	None	None
340	CG7675AA	1-Jul-2020	4-Jan-2021	None	None
341	CG7675AAT	1-Jul-2020	4-Jan-2021	None	None
342	CG7702AA	1-Jul-2020	4-Jan-2021	None	None
343	CG7725AA	1-Jul-2020	4-Jan-2021	None	None
344	CG7725AAT	1-Jul-2020	4-Jan-2021	None	None
345	CG7729AA	1-Jul-2020	4-Jan-2021	None	None
346	CG7729AAT	1-Jul-2020	4-Jan-2021	None	None
347	CG7761AA	1-Jul-2020	4-Jan-2021	None	None
348	CG7761AAT	1-Jul-2020	4-Jan-2021	None	None
349	CG7762AA	1-Jul-2020	4-Jan-2021	None	None
350	CG7762AAT	1-Jul-2020	4-Jan-2021	None	None
351	CG7782AA	1-Jul-2020	4-Jan-2021	None	None
352	CG7782AAT	1-Jul-2020	4-Jan-2021	None	None
353	CG7795AA	1-Apr-2020	28-Sep-2020	None	None
354	CG7795AAT	1-Apr-2020	28-Sep-2020	None	None
355	CG7829AA	1-Apr-2020	28-Sep-2020	None	None
356	CG7829AAT	1-Apr-2020	28-Sep-2020	None	None
357	CG7854AA	1-Jul-2020	4-Jan-2021	None	None
358	CG7854AAT	1-Jul-2020	4-Jan-2021	None	None
359	CG7887AA	1-Jul-2020	4-Jan-2021	None	None
360	CG7887AAT	1-Jul-2020	4-Jan-2021	None	None
361	CG7920AA	1-Jul-2020	4-Jan-2021	None	None
362	CG7920AAT	1-Jul-2020	4-Jan-2021	None	None
363	CG7939AA	1-Jul-2020	4-Jan-2021	None	None
364	CG7959AA	1-Jul-2020	4-Jan-2021	None	None
365	CG7975AA	1-Jul-2020	4-Jan-2021	None	None
366	CG8150AA	1-Jul-2020	4-Jan-2021	None	None
367	CG8150AAT	1-Jul-2020	4-Jan-2021	None	None
368	CG8155AA	1-Jul-2020	4-Jan-2021	None	None
369	CG8157AA	1-Apr-2020	28-Sep-2020	None	None
370	CG8157AAT	1-Apr-2020	28-Sep-2020	None	None
371	CG8193AA	1-Jul-2020	4-Jan-2021	None	None
372	CG8195AA	1-Jul-2020	4-Jan-2021	None	None
373	CG8196AA	1-Jul-2020	4-Jan-2021	None	None
374	CG8197AA	1-Jul-2020	4-Jan-2021	None	None
375	CG8198AA	1-Jul-2020	4-Jan-2021	None	None
376	CG8212AA	1-Jul-2020	4-Jan-2021	None	None
377	CG8219AA	1-Jul-2020	4-Jan-2021	None	None
378	CG8237AAT	1-Jul-2020	4-Jan-2021	None	None
379	CG8243AA	1-Apr-2020	28-Sep-2020	None	None
380	CG8243AAT	1-Apr-2020	28-Sep-2020	None	None
381	CG8246AAT	1-Jul-2020	4-Jan-2021	None	None
382	CG8261AA	1-Apr-2020	28-Sep-2020	None	None
383	CG8261AAT	1-Apr-2020	28-Sep-2020	None	None
384	CG8266AAT	1-Jul-2020	4-Jan-2021	None	None
385	CG8298AA	1-Jul-2020	4-Jan-2021	None	None
386	CG8298AAT	1-Jul-2020	4-Jan-2021	None	None
387	CG8362AM	1-Jul-2020	4-Jan-2021	None	None

388	CG8415AA	1-Jul-2020	4-Jan-2021	None	None
389	CG8415AAT	1-Jul-2020	4-Jan-2021	None	None
390	CG8416AA	1-Apr-2020	28-Sep-2020	None	None
391	CG8416AAT	1-Apr-2020	28-Sep-2020	None	None
392	CG8441AAT	1-Jul-2020	4-Jan-2021	None	None
393	CG8442AA	1-Jul-2020	4-Jan-2021	None	None
394	CG8442AAT	1-Jul-2020	4-Jan-2021	None	None
395	CG8443AA	1-Jul-2020	4-Jan-2021	None	None
396	CG8444AA	1-Jul-2020	4-Jan-2021	None	None
397	CG8446AA	1-Jul-2020	4-Jan-2021	None	None
398	CG8449AAT	1-Jul-2020	4-Jan-2021	None	None
399	CG8450AA	1-Jul-2020	4-Jan-2021	None	None
400	CG8452AA	1-Jul-2020	4-Jan-2021	None	None
401	CG8452AAT	1-Jul-2020	4-Jan-2021	None	None
402	CG8530AA	1-Jul-2020	4-Jan-2021	None	None
403	CG8552AA	1-Apr-2020	28-Sep-2020	None	None
404	CG8552AAT	1-Apr-2020	28-Sep-2020	None	None
405	CG8553AA	1-Apr-2020	28-Sep-2020	None	None
406	CG8553AAT	1-Apr-2020	28-Sep-2020	None	None
407	CG8554AA	1-Apr-2020	28-Sep-2020	None	None
408	CG8554AAT	1-Apr-2020	28-Sep-2020	None	None
409	CG8555AA	1-Jul-2020	4-Jan-2021	None	None
410	CG8555AAT	1-Jul-2020	4-Jan-2021	None	None
411	CG8561AM	1-Jul-2020	4-Jan-2021	None	None
412	CG8561AMT	1-Jul-2020	4-Jan-2021	None	None
413	CG8633AA	1-Jul-2020	4-Jan-2021	None	None
414	CG8633AAT	1-Jul-2020	4-Jan-2021	None	None
415	CG8637AA	1-Jul-2020	4-Jan-2021	None	None
416	CG8637AAT	1-Jul-2020	4-Jan-2021	None	None
417	CG8834AM	1-Apr-2020	28-Sep-2020	None	None
418	CG8834AMT	1-Apr-2020	28-Sep-2020	None	None
419	CG9086AA	1-Jul-2020	5-Jul-2021	None	None
420	CG9086AAT	1-Jul-2020	5-Jul-2021	None	None
421	CMSMISC	1-Apr-2020	29-Jun-2020	None	None
422	CMSNRE	1-Apr-2020	29-Jun-2020	None	None
423	CS7338AA	1-Jul-2020	4-Jan-2021	None	None
424	CS7338AAT	1-Jul-2020	4-Jan-2021	None	None
425	FM28V020-T28G	1-Apr-2020	28-Sep-2020	None	None
426	FM28V020-T28GTR	1-Apr-2020	28-Sep-2020	None	None
427	FM4-176L-S6E2CC-ETH	1-Apr-2020	29-Jun-2020	None	None
428	H-7DETS0151_S29AL016J70TFA010	30-Sep-2020	5-Jul-2021	None	None
429	K770005CF9C000	30-Sep-2020	5-Jul-2021	None	None
430	MB39C031-EVBSK-01	30-Dec-2019	30-Dec-2019	None	None
431	MB39C326-EVBSK-01	30-Dec-2019	30-Dec-2019	None	None
432	MB39C326-EVBSK-02	30-Dec-2019	30-Dec-2019	None	None
433	MB39C605-EVBSK-02	30-Dec-2019	30-Dec-2019	None	None
434	MB39C831-EVB-03	30-Dec-2019	30-Dec-2019	None	None
435	MB91F467BAPMC-GSE2-W032	30-Sep-2020	4-Jan-2021	None	CY91F467BAPMC-GS-UJE2

436	MB96F346RWAPQCR-GSE2	30-Sep-2020	4-Jan-2021	None	None
437	MB96F346RWAPQCR-GS-N2E2	30-Sep-2020	4-Jan-2021	None	None
438	MB96F347RSAPQCR-GS-N2E2	30-Sep-2020	4-Jan-2021	None	None
439	MB96F348RSAPQCR-GSE2	30-Sep-2020	4-Jan-2021	None	None
440	MB96F348RSAPQCR-GS-N2E2	30-Sep-2020	4-Jan-2021	None	None
441	MB9BF416SPMC-GK7E1	1-Jul-2020	4-Jan-2021	CY9BF416SPMC-GK7MJE1	None
442	MB9BF517TPMC-GK7E1	1-Jul-2020	4-Jan-2021	CY9BF517TPMC-GK7MJE1	None
443	MB9BF518TPMC-GK7E1	1-Jul-2020	4-Jan-2021	CY9BF518TPMC-GK7MJE1	None
444	MSP14LV080-E1-GJ-001	1-Jul-2020	4-Jan-2021	None	None
445	MSP14LV164-E1-TH-001	1-Jul-2020	4-Jan-2021	None	None
446	MSP17LV041-E1-TH-001	1-Jul-2020	4-Jan-2021	None	None
447	P770024CFYC000	30-Sep-2020	5-Jul-2021	None	None
448	P770024C-FYC000	30-Sep-2020	5-Jul-2021	None	None
449	S29AS016J70BHIF40	1-Jul-2020	4-Jan-2021	None	None
450	S29GL02GS12YPCR29	1-Jul-2020	4-Jan-2021	None	None
451	S29WS128POLBFW000A	1-Jul-2020	4-Jan-2021	None	None
452	S29WS128POPBFW000	1-Jul-2020	4-Jan-2021	None	None
453	S29WS128POPBFW003	1-Jul-2020	4-Jan-2021	None	None
454	S29WS128POSBFW000	1-Jul-2020	4-Jan-2021	None	None
455	S29WS128PABBFW000	1-Jul-2020	4-Jan-2021	None	None
456	S6AL211A31MV20000	1-Apr-2020	29-Jun-2020	None	None
457	S6AL211A94MV20000	1-Apr-2020	29-Jun-2020	None	None
458	S70GLOAGS00FHCR00	1-Jul-2020	4-Jan-2021	None	None
459	S99-50239	1-Jul-2020	4-Jan-2021	None	None
460	S99FL127S0013 P	30-Sep-2020	5-Jul-2021	None	None
461	S99GL04GS	1-Jul-2020	4-Jan-2021	None	None
462	SK-FM4-176L-S6E2CC	1-Apr-2020	29-Jun-2020	None	None
463	SP360044W10EVC	30-Dec-2019	30-Dec-2019	None	None
464	SP360045V18USC	30-Dec-2019	30-Dec-2019	None	None
465	SP3600P1410EVC	30-Dec-2019	30-Dec-2019	None	None
466	SP3600P1510EVC	30-Dec-2019	30-Dec-2019	None	None
467	SP3600P5210QAC	30-Dec-2019	30-Dec-2019	None	None
468	SP360244W10RAE-EUR	30-Dec-2019	30-Dec-2019	None	None
469	SP360244W18MAC	30-Dec-2019	30-Dec-2019	None	None
470	SP360244W18QAC	30-Dec-2019	30-Dec-2019	None	None
471	SP360244W18QAC-COMPANY	30-Dec-2019	30-Dec-2019	None	None
472	SP360244W18QAC-PLATFORM	30-Dec-2019	30-Dec-2019	None	None
473	SP360244W18RAC	30-Dec-2019	30-Dec-2019	None	None
474	SP360245K18MAC	30-Dec-2019	30-Dec-2019	None	None
475	SP360245K18QAC	30-Dec-2019	30-Dec-2019	None	None
476	SP360245K18QAC-COMPANY	30-Dec-2019	30-Dec-2019	None	None
477	SP360245K18QAC-PLATFORM	30-Dec-2019	30-Dec-2019	None	None
478	SP360245K18RAC	30-Dec-2019	30-Dec-2019	None	None
479	SP3602P1418MAC	30-Dec-2019	30-Dec-2019	None	None
480	SP3602P1418QAC	30-Dec-2019	30-Dec-2019	None	None
481	SP360802118EVE	30-Dec-2019	30-Dec-2019	None	None
482	SP360802418EVC	30-Dec-2019	30-Dec-2019	None	None
483	SP360844N18EVJ	30-Dec-2019	30-Dec-2019	None	None
484	SP360846C18EVC	30-Dec-2019	30-Dec-2019	None	None

485	SP360846C18MAC	30-Dec-2019	30-Dec-2019	None	None
486	SP360846C18QAC-COMPANY	30-Dec-2019	30-Dec-2019	None	None
487	SP360846C18QAC-ECU	30-Dec-2019	30-Dec-2019	None	None
488	SP360846C18QAC-PLATFORM	30-Dec-2019	30-Dec-2019	None	None
489	SP36085560DEV	30-Dec-2019	30-Dec-2019	None	None
490	SP36203431DEV	30-Dec-2019	30-Dec-2019	None	None
491	SP36203431DMAC	30-Dec-2019	30-Dec-2019	None	None
492	SP36203431DMBC	30-Dec-2019	30-Dec-2019	None	None
493	SP36203431DMCC	30-Dec-2019	30-Dec-2019	None	None
494	SP36203431DQAC	30-Dec-2019	30-Dec-2019	None	None
495	SP36203431DQBC	30-Dec-2019	30-Dec-2019	None	None
496	SP36203431DQCC	30-Dec-2019	30-Dec-2019	None	None
497	SP362249R18EVC	30-Dec-2019	30-Dec-2019	None	None
498	SP365002418EVC	30-Dec-2019	30-Dec-2019	None	None
499	SP365002418QAC	30-Dec-2019	30-Dec-2019	None	None
500	SP365002518EVC	30-Dec-2019	30-Dec-2019	None	None
501	SP365002518QAC	30-Dec-2019	30-Dec-2019	None	None
502	SP365002618QAC	30-Dec-2019	30-Dec-2019	None	None
503	SP365002710MAC-BAS	30-Dec-2019	30-Dec-2019	None	None
504	SP365002710MAC-EXT	30-Dec-2019	30-Dec-2019	None	None
505	SP365002710MAC-PRE	30-Dec-2019	30-Dec-2019	None	None
506	SP365002818URJ	30-Dec-2019	30-Dec-2019	None	None
507	SP365005118EVC	30-Dec-2019	30-Dec-2019	None	None
508	SP365005118QAC	30-Dec-2019	30-Dec-2019	None	None
509	SP365005218QAC	30-Dec-2019	30-Dec-2019	None	None
510	SP365005318QAC	30-Dec-2019	30-Dec-2019	None	None
511	SP365005410MAC-BAS	30-Dec-2019	30-Dec-2019	None	None
512	SP365005410MAC-EXT	30-Dec-2019	30-Dec-2019	None	None
513	SP365005410MAC-PRE	30-Dec-2019	30-Dec-2019	None	None
514	SP365045L18URJ	30-Dec-2019	30-Dec-2019	None	None
515	SP365045L18UTJ	30-Dec-2019	30-Dec-2019	None	None
516	SP365045R18EVC	30-Dec-2019	30-Dec-2019	None	None
517	SP365045R18MAC	30-Dec-2019	30-Dec-2019	None	None
518	SP365045R18QAC	30-Dec-2019	30-Dec-2019	None	None
519	SP365045R18RAC	30-Dec-2019	30-Dec-2019	None	None
520	SP365045U18URJ	30-Dec-2019	30-Dec-2019	None	None
521	SP365045U18URJ-2ND	30-Dec-2019	30-Dec-2019	None	None
522	SP365046D18EVC	30-Dec-2019	30-Dec-2019	None	None
523	SP365046D18MAC	30-Dec-2019	30-Dec-2019	None	None
524	SP365046D18QAC-COMPANY	30-Dec-2019	30-Dec-2019	None	None
525	SP365046D18QAC-ECU	30-Dec-2019	30-Dec-2019	None	None
526	SP365046E18URC	30-Dec-2019	30-Dec-2019	None	None
527	SP365046W18UTJ	30-Dec-2019	30-Dec-2019	None	None
528	SP365047D18UEJ	30-Dec-2019	30-Dec-2019	None	None
529	SP365047J18MAC	30-Dec-2019	30-Dec-2019	None	None
530	SP365047J18QAC	30-Dec-2019	30-Dec-2019	None	None
531	SP365047J18RAC	30-Dec-2019	30-Dec-2019	None	None
532	SP365047R18QAC	30-Dec-2019	30-Dec-2019	None	None

533	SP365047S18QAC	30-Dec-2019	30-Dec-2019	None	None
534	SP365047T18EVC	30-Dec-2019	30-Dec-2019	None	None
535	SP365048W18QAJ	30-Dec-2019	30-Dec-2019	None	None
536	SP365048W18RAJ	30-Dec-2019	30-Dec-2019	None	None
537	SP365048W18RCJ	30-Dec-2019	30-Dec-2019	None	None
538	SP365048X18QAC	30-Dec-2019	30-Dec-2019	None	None
539	SP365048X18RAC	30-Dec-2019	30-Dec-2019	None	None
540	SP365048X18RCC	30-Dec-2019	30-Dec-2019	None	None
541	SP365049T18URJ	30-Dec-2019	30-Dec-2019	None	None
542	SP365049W18URC	30-Dec-2019	30-Dec-2019	None	None
543	SP365051C18UEJ	30-Dec-2019	30-Dec-2019	None	None
544	SP365051C18URJ	30-Dec-2019	30-Dec-2019	None	None
545	SP365051G18PAJ	30-Dec-2019	30-Dec-2019	None	None
546	SP365051G18PAJ-16	30-Dec-2019	30-Dec-2019	None	None
547	SP365051G18PAJ-32	30-Dec-2019	30-Dec-2019	None	None
548	SP365051G18URJ	30-Dec-2019	30-Dec-2019	None	None
549	SP365051G18URJ-16	30-Dec-2019	30-Dec-2019	None	None
550	SP365051G18URJ-32	30-Dec-2019	30-Dec-2019	None	None
551	SP365051G18USJ-16	30-Dec-2019	30-Dec-2019	None	None
552	SP365051G18USJ-32	30-Dec-2019	30-Dec-2019	None	None
553	SP365051G18UTJ	30-Dec-2019	30-Dec-2019	None	None
554	SP365051R18URJ	30-Dec-2019	30-Dec-2019	None	None
555	SP36505550DEVC	30-Dec-2019	30-Dec-2019	None	None
556	SP3650P1X18URC	30-Dec-2019	30-Dec-2019	None	None
557	S99WS128P0010	None	None	None	None
558	S99WS128P0013	None	None	None	None
559	S99-50210	None	None	None	None