



Cypress Semiconductor Corporation- An Infineon Technologies Company  
198 Champion Court, San Jose, CA 95134. Tel: (408) 943-6200

## PRODUCT AND PROCESS CHANGES – AUTOMOTIVE HORIZON REPORT

**APCN:** APCN212201

**Date:** 2021-06-04

**Subject:** Automotive Horizon Report Update

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

Dear Valued Customer,

To align with Infineon business process, the Cypress Automotive Horizon Report will be discontinued. This notification is the last Automotive Horizon Report that will be issued.

This report contains the list of notifications that were sent to customers in the first quarter (January - March 2021).

The Automotive Horizon Report with only the notifications issued in the first quarter, and the attachment containing the associated Cypress part numbers, are enclosed with this letter.

Should you desire any clarification or additional information, please contact your Cypress sales representative, or contact the PCN Administrator at [pcn\\_adm@cyress.com](mailto:pcn_adm@cyress.com).

Sincerely,

Cypress PCN Administration

On 16 April 2020, Infineon Technologies acquired Cypress.  
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.  
For further details, please visit our website:  
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>





XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SAGMFMG10	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SAGMFMG10HA	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SAGMFMG13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SAGMFMR10	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SAGMFMR13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDPBHB210	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDPBHB210VCX0911	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDPBHB213	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDPBHBC10	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDPBHBC13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSBHBC10	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSBHBC13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSBHMC10	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSBHMC13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSMBFB010	PCN211301
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XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSMBFB11	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSMBFB13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSMBFM010	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S25FL512SDSMBFM013	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S99FL512S00001 P	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	S99FL512SDSMBFB13	PCN211301
XMC: Flash NOR Auto FL512S	Fab Site Qual	Alternate Site	TN949588-0260	PCN211301
Fab25: Select Auto MCU -CU60F (0.35um)	Fab Site Qual	Alternate Site	A2C00034784	PCN210603
Fab25: Select Auto MCU -CU60F (0.35um)	Fab Site Qual	Alternate Site	CY91F376GSPMC3-GSE2	PCN210603
Fab25: Select Auto MCU -CU60F (0.35um)	Fab Site Qual	Alternate Site	CY91F011PMT-GS-SPE1	PCN211202
Fab25: Select Auto MCU -CU60F (0.35um)	Fab Site Qual	Alternate Site	CY90F345ASPMC-GSE1	PCN211202
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	0000D4-0935E	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	05523-173/0002	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	05523-316/0001	PCN211203
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TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	070910160	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	092.31.0966	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	10327-02790	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	1806887	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	2035A100	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	2035-A100	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	2035A200	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	2087223	PCN211203
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TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	520966501917	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	790.980-00	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	791.081-00	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	791.210-00	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	791.390-00	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	791.661-00	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	791.662-00	PCN211203
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TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	835310	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	835832	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	841000037000	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	841000037002	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	841000037003	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	841000037004	PCN211203
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TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	8611200818	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	8611200826	PCN211203
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TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	A2C00040421	PCN211203
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TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	A2C00050942	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	A2C0005094200	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	A2C00052707	PCN211203
TeraProbe Kumamoto Qualification	Sort Site Transfer	Transfer Site	A2C00053730	PCN211203
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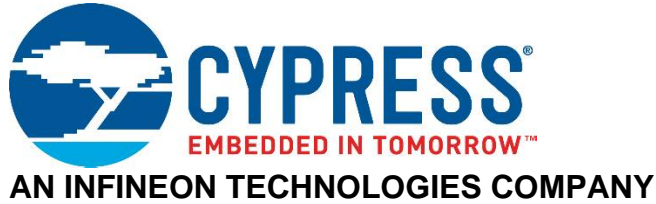












**CYPRESS**

**PRODUCT AND PROCESS CHANGES**

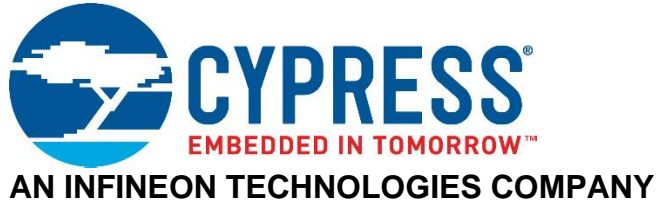
**AUTOMOTIVE HORIZON REPORT**

**YEAR 2021**

<b>CYPRESS CONTACT INFORMATION</b>
<a href="mailto:pcn_adm@cypress.com"><u>pcn_adm@cypress.com</u></a>

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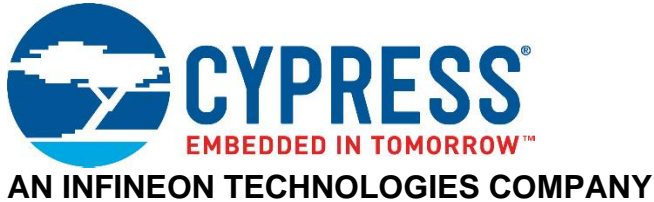
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- This Automotive Horizon Report covers the Cypress Automotive PCNs that were issued in the first quarter (January – March 2021)
- To align with Infineon business process, the Cypress Automotive Horizon Report will be discontinued. This notification is the last Horizon Report that will be issued.
- Cypress generally follows industry practice (JESD46) by publishing notice of change by PCN 90 days in advance of implementation of the change. Affected part numbers, ordering instructions for qualification samples and actual implementation dates are given within each PCN.
- The PCN numbers are provided for PCNs already issued at the time of this report.



### Automotive Horizon Report Q1 2021

PCN Type	PCN #	Type	2021-Q1: Title	Explanation	Samples?
PCN	211301	Fab Site Qual	XMC: Flash NOR Auto FL512S	Manufacturing Flexibility	Yes
PCN	210603	Fab Site Qual	Fab25: Select Auto MCU -CU60F (0.35um)	Manufacturing Flexibility	Yes
PCN	211202	Fab Site Qual	Fab25: Select Auto MCU -CU60F (0.35um)	Manufacturing Flexibility	Yes
PCN	211203	Sort Site Transfer	TeraProbe Kumamoto Qualification	Manufacturing Transfer	No
PCN	210604	Assy Site Qual	Greatek:TSOP 32L Qualification (From JCET EOL) -ZB32/ F	Manufacturing Flexibility	Yes
PCN	211305	Assy Site Qual	Greatek:TSOPII 44L Qualification - ZW44A	Manufacturing Flexibility	Yes
PCN	210504	Assy Site Qual	Greatek: TSOPII 44L Qualification - ZW44B	Manufacturing Flexibility	Yes
PCN	210502	Bump/Test/Finish Site Qual	PTI-TW: UMC plated bump + backend + test + finish Qualification	Manufacturing Flexibility	Yes
PCN	211302	Assy/Test/Finish Site Qual	BKK: 49-Ball Flip Chip Ball Grid Array Qualification	Manufacturing Flexibility	Yes
PTN	211303	Obsolescence	January 2021 Product Obsolescence (Memory Solutions)	Portfolio Consolidation	No

PCN Date	Order Qualification Samples	Change Implemented
	PCN Date + 30 Days	PCN Date + 90 Days

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AN INFINEON TECHNOLOGIES COMPANY

## Manufacturing Sites

### Wafer Fabrication and Wafer Sort

Fab 25	Cypress Fab 25, Austin, Texas, USA
SkyWater	SkyWater Technology Foundry, Bloomington, Minnesota, USA
AFSM	Aizu Fujitsu Semiconductor Manufacturing Limited, Japan
HHGrace 1	Shanghai Huahong Grace Semiconductor Mfg Corp, China
HHGrace 3	Shanghai Huahong Grace Semiconductor Mfg Corp, China
SMIC B2	Semiconductor Mfg International Corp, Beijing, China
SMIC S2	Semiconductor Mfg International Corp, Shanghai, China
TI	Texas Instruments Incorporated, Texas, USA
Tera Probe	Tera Probe, Inc., Japan
TPSCo	TowerJazz Panasonic Semiconductor Co., Ltd., Japan
TSMC	Taiwan Semiconductor Manufacturing Company, Taiwan
UMC 12A	United Microelectronics Corporation, Taiwan
UMC 12I	United Microelectronics Corporation, Singapore
UMC 12X	United Microelectronics Corporation, China
XMC	Xinxin Manufacturing Corporation, China

### Assembly and Final Test

CML	Cypress Manufacturing Limited, Philippines
BKK	Cypress Bangkok, Thailand
ATK1	Amkor Manufacturing, Korea
ATP1	Amkor Manufacturing, Philippines
ASE-CL	Advanced Semiconductor Engineering-Chung Li, Taiwan
ASE-KH	Advanced Semiconductor Engineering-Kaohsiung, Taiwan
ChipMOS	ChipMOS Technologies Ltd., Taiwan
JCET	Jiangsu Changjiang Electronics Technology, China
ATJ	Amkor Technology, Japan (Ex: J-Devices Corporation)
OSE-T	Orient Semiconductor Electronics, Taiwan
PTI	Powertech Technology Inc., Taiwan
PTI-SG	Powertech Technology Inc., Singapore
UTL	United Test and Assembly Center, Thailand
ZKT	Suzhou Zhen Kun Technology Ltd., China
Greatek	Greatek Electronics Inc., Taiwan

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Item	Marketing Part Number	Family
1	036001-1120	NOR
2	05523-954/0000	NOR
3	0791076079RQA00	NOR
4	10282417	NOR
5	10324-05530	NOR
6	2385303	NOR
7	2625139	NOR
8	28320743 A	NOR
9	28486511 B	NOR
10	28497288 B	NOR
11	28544607 A	NOR
12	28547237 A	NOR
13	28636260 A	NOR
14	2944556	NOR
15	30301345	NOR
16	3140 390 64021	NOR
17	34213966A	NOR
18	41050YM00-396-G	NOR
19	457777-1020	NOR
20	51-29060Z01-A	NOR
21	51-29810Z01-A	NOR
22	51-29810Z01-B	NOR
23	51-38229Z01-A	NOR
24	520966230816	NOR
25	520966231566	NOR
26	645725900A	NOR
27	8611200270	NOR
28	8909005437	NOR
29	9023596AA	NOR
30	9024336AA	NOR
31	90700000024A	NOR
32	949588-0260	NOR
33	949588-2010	NOR
34	980000919	NOR
35	99326-02831	NOR
36	A2C00870000 A	NOR
37	A2C0087000000 A	NOR
38	A2C01697600 A	NOR
39	A2C01915500 A	NOR
40	A2C0191550000 A	NOR
41	A2C02529000 A	NOR
42	A2C04507700	NOR
43	C3FBSY000074	NOR
44	E134119	NOR
45	E14448500	NOR
46	EA3-16B002	NOR
47	EUFZ0332-CY	NOR
48	P770033CF0C000	NOR
49	P770033C-F0C000	NOR
50	P7700550F0C000	NOR
51	P7700550-F0C000	NOR
52	S25FL512SAGBHA210	NOR
53	S25FL512SAGBHA213	NOR
54	S25FL512SAGBHAC10	NOR



55	S25FL512SAGBHAC13	NOR
56	S25FL512SAGBHB210	NOR
57	S25FL512SAGBHBA10	NOR
58	S25FL512SAGBHBA13	NOR
59	S25FL512SAGBHBB10	NOR
60	S25FL512SAGBHBB13	NOR
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71	S25FL512SAGMFAG10	NOR
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76	S25FL512SAGMFB011	NOR
77	S25FL512SAGMFB013	NOR
78	S25FL512SAGMFBG10	NOR
79	S25FL512SAGMFBG13	NOR
80	S25FL512SAGMFMG10	NOR
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84	S25FL512SAGMFMR13	NOR
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97	S25FL512SDSMFBG10	NOR
98	S25FL512SDSMFBG11	NOR
99	S25FL512SDSMFBG13	NOR
100	S25FL512SDSMFM010	NOR
101	S25FL512SDSMFM013	NOR
102	S99FL512S0001 P	NOR
103	S99FL512SDSMFBG13	NOR
104	TN949588-0260	NOR
105	A2C00034784	Auto MCU
106	CY91F376GSPMC3-GSE2	Auto MCU
107	CY91F011PMT-GS-SPE1	Auto MCU
108	CY90F345ASPMC-GSE1	Auto MCU
109	0000D4-0935E	AUTO MCU

110	05523-173/0002	AUTO MCU
111	05523-316/0001	AUTO MCU
112	05523-316/0002	AUTO MCU
113	070910160	AUTO MCU
114	092.31.0966	AUTO MCU
115	10327-02790	AUTO MCU
116	1806887	AUTO MCU
117	2035A100	AUTO MCU
118	2035-A100	AUTO MCU
119	2035A200	AUTO MCU
120	2087223	AUTO MCU
121	251801-3842	AUTO MCU
122	2AP-00831RA	AUTO MCU
123	2AP-00953RA	AUTO MCU
124	2AP-00954RA	AUTO MCU
125	3140 360 56341	AUTO MCU
126	314019062721	AUTO MCU
127	51-35161Z02-A	AUTO MCU
128	520366502367	AUTO MCU
129	520966500395	AUTO MCU
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137	791.661-00	AUTO MCU
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140	7GA820443H0	AUTO MCU
141	835310	AUTO MCU
142	835832	AUTO MCU
143	841000037000	AUTO MCU
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146	841000037004	AUTO MCU
147	842813BO01A	AUTO MCU
148	8611200170	AUTO MCU
149	8611200818	AUTO MCU
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153	A2C00040421	AUTO MCU
154	A2C00041972	AUTO MCU
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156	A2C0005094200	AUTO MCU
157	A2C00052707	AUTO MCU
158	A2C00053730	AUTO MCU
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160	A2C00059212	AUTO MCU
161	A2C00478800	AUTO MCU
162	A2C00667600	AUTO MCU
163	A2C00979802	AUTO MCU
164	A2C02032800	AUTO MCU

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166	A2C04409600	AUTO MCU
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172	A2C86465900	AUTO MCU
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177	C2CBYY002281	AUTO MCU
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180	CY90F037JDSPMC-GS-UJE1	AUTO MCU
181	CY90F039DBSPMC-GS-UJE1	AUTO MCU
182	CY90F039JBSPMC-GS-UJE1	AUTO MCU
183	CY90F039YBSPMC-GS-UJE1	AUTO MCU
184	CY90F342CASPF-R-GSE1	AUTO MCU
185	CY90F342CASPMC-GSE1	AUTO MCU
186	CY90F342ESPF-GSE1	AUTO MCU
187	CY90F345ASPMC-GSE1	AUTO MCU
188	CY90F345CAPFR-GS-SPE1	AUTO MCU
189	CY90F345CASPF-R-GS-SPE1	AUTO MCU
190	CY90F347APFV-GS-SPE1	AUTO MCU
191	CY90F347ASPMC3-GS-SPERE2	AUTO MCU
192	CY90F347CASPMC-GSE1	AUTO MCU
193	CY90F347CESPMC-GS-SPE1	AUTO MCU
194	CY90F347DASPFV-GSE1	AUTO MCU
195	CY90F347ESPMC-GSE1	AUTO MCU
196	CY90F349ASPFV-GE1	AUTO MCU
197	CY90F349ASPMC-GSE1	AUTO MCU
198	CY90F349CAPFR-GSE1	AUTO MCU
199	CY90F349CASPF-R-GSE1	AUTO MCU
200	CY90F349CASPFV-GSE1	AUTO MCU
201	CY90F349CASPMC-GSE1	AUTO MCU
202	CY90F349CESPF-G-K1E1	AUTO MCU
203	CY90F349CESPMC-GE1	AUTO MCU
204	CY90F349ESPMC3-GSE1	AUTO MCU
205	CY90F351ESPMC-GSE1	AUTO MCU
206	CY90F351ESPMCR-GSE1	AUTO MCU
207	CY90F351PMC-GS-SPE1	AUTO MCU
208	CY90F351SPMC-GS-SPE1	AUTO MCU
209	CY90F352BMSPMC3-GSE1	AUTO MCU
210	CY90F352ESPMC1-GSE1	AUTO MCU
211	CY90F352ESPMC-GSE2	AUTO MCU
212	CY90F352ESPMC-GS-ERE2	AUTO MCU
213	CY90F352SPMC-GS-SPE1	AUTO MCU
214	CY90F367WSPMT-GSE1	AUTO MCU
215	CY90F387SPMCR-GSE1	AUTO MCU
216	CY90F387SPMT-G-N9E1	AUTO MCU
217	CY90F387SPMT-GSE1	AUTO MCU
218	CY90F394HAPMCR-GSE2	AUTO MCU
219	CY90F394HAPMT-GSE2	AUTO MCU

220	CY90F867ESPF-GSE1	AUTO MCU
221	CY90F867UASPF-GS-SPE1	AUTO MCU
222	CY90F922NCSPMC-GS-UJE1	AUTO MCU
223	CY90F931PMC-GS-UJE1	AUTO MCU
224	CY90F952JDSPMC-GS-UJE1	AUTO MCU
225	CY90F997JBSPMC-GS-UJE1	AUTO MCU
226	CY91F011PMT-GS-SPE1	AUTO MCU
227	CY91F037PMC-GS-UJE1	AUTO MCU
228	CY91F047PMC-GS-UJE1	AUTO MCU
229	CY91F213APMC-GS-UJE1	AUTO MCU
230	CY91F223PFV-GS-SPE1	AUTO MCU
231	CY91F223SPFV-GS-SPE1	AUTO MCU
232	CY91F362GBPVS-R-GE2	AUTO MCU
233	CY91F376GSPMC3-GSE2	AUTO MCU
234	CY91F463NAPMC-GS-P01UJE1	AUTO MCU
235	CY91F463NCPMC-GS-P02UJE1	AUTO MCU
236	CY91F465CAPMC-GS-UJE2	AUTO MCU
237	CY91F465PAPMC-GS-UJE1	AUTO MCU
238	CY91F465PAPMC-GS-UJE2	AUTO MCU
239	CY91F466HAPMC-GS-UJE2	AUTO MCU
240	CY91F467BAPMC-GS-UJE2	AUTO MCU
241	CY91F467CBPMCR-GS-UJE2	AUTO MCU
242	CY91F467DAPFVS-GS-UJE2	AUTO MCU
243	CY91F467DAPVSR-GS-UJE2	AUTO MCU
244	CY91F467DBPFVS-GS-UJE2	AUTO MCU
245	CY91F467DBPVSR-GS-UJE2	AUTO MCU
246	CY91F467EAPMC-GS-UJE2	AUTO MCU
247	CY91F467PAPMC-GS-UJE2	AUTO MCU
248	CY91F467SAPMC-GS-UJE2	AUTO MCU
249	CY91F469GBPB-GS-UJE1	AUTO MCU
250	CY91F469QAHPB-GS-UJE1	AUTO MCU
251	CY91F725RDPMC-GS-UJE1	AUTO MCU
252	CY96F001YBPMC1-GS-UJE1	AUTO MCU
253	CY96F003RAPMC-GS-UJERE2	AUTO MCU
254	CY96F004RAPMC-GS-UJERE2	AUTO MCU
255	CY96F007ABPMC1-GSA-UJE1	AUTO MCU
256	CY96F013RBPMC-GS-UJE1	AUTO MCU
257	CY96F016YBPMC-GS-UJE1	AUTO MCU
258	CY96F017ABPMC-GSA-UJE1	AUTO MCU
259	CY96F018RBPMC-GS-UJE1	AUTO MCU
260	CY96F019YBPMC-GS-UJE1	AUTO MCU
261	CY96F119RBPMC-GS-UJE1	AUTO MCU
262	CY96F119RBPMC-GS-UJERE1	AUTO MCU
263	CY96F313ASBPMC-GS-UJE2	AUTO MCU
264	CY96F313ASBPMC-GS-UJERE2	AUTO MCU
265	CY96F313ASBPMC-GS-UJF4E1	AUTO MCU
266	CY96F315RSBPMC-GS-UJE1	AUTO MCU
267	CY96F315RSBPMC-GS-UJE2	AUTO MCU
268	CY96F326RSBPMC-GS-UJE1	AUTO MCU
269	CY96F326RSBPMC-GS-UJE2	AUTO MCU
270	CY96F336USAPMC-GS-UJE2	AUTO MCU
271	CY96F338RSAPMC-GS-UJE2	AUTO MCU
272	CY96F338USAPMC-GS-UJE2	AUTO MCU
273	CY96F345DSBPMC-GS-UJE1	AUTO MCU
274	CY96F346ASBPMCR-GS-UJE2	AUTO MCU

275	CY96F346ASBPQC-G-UJE2	AUTO MCU
276	CY96F346RSAPMCR-GS-UJE2	AUTO MCU
277	CY96F346RSAPQCR-GS-UJE2	AUTO MCU
278	CY96F346RSBPMC-GS-UJE2	AUTO MCU
279	CY96F346RSBPQC-GS-UJE2	AUTO MCU
280	CY96F346RSCPMC-GS-UJF4E1	AUTO MCU
281	CY96F346RWAPMCR-GS-UJE2	AUTO MCU
282	CY96F346RWBPMC-GS-UJE2	AUTO MCU
283	CY96F346RWBPMC-GS-UJE2	AUTO MCU
284	CY96F347ASBPMC-GS-UJE2	AUTO MCU
285	CY96F347RSAPQCR-GSUJERE2	AUTO MCU
286	CY96F347RSBPMC-GS-UJE2	AUTO MCU
287	CY96F348ASBPMC-GS-UJE2	AUTO MCU
288	CY96F348RSAPMCR-GS-UJE2	AUTO MCU
289	CY96F348RSBPMC-GS-UJE2	AUTO MCU
290	CY96F348RSBPQC-GS-UJE2	AUTO MCU
291	CY96F348RSBPQCR-GSUJERE2	AUTO MCU
292	CY96F348RWCPMC-G-UJE2	AUTO MCU
293	CY96F353ASBPMC1-GS-UJE2	AUTO MCU
294	CY96F355RSBPMC1-GS-UJE2	AUTO MCU
295	CY96F355RSBPMC1-GSUJERE2	AUTO MCU
296	CY96F355RSBPMC-GS-UJE2	AUTO MCU
297	CY96F356ASBPMC-GS-UJE2	AUTO MCU
298	CY96F356RSBPMC1-GS-UJE1	AUTO MCU
299	CY96F356RSBPMC1-GS-UJE2	AUTO MCU
300	CY96F356RSBPMC1-GSUJF4E1	AUTO MCU
301	CY96F356RSBPMC-GS-UJE2	AUTO MCU
302	CY96F356RSBPMC-GS-UJERE2	AUTO MCU
303	CY96F356RWBPMC1-GS-UJE2	AUTO MCU
304	CY96F356RWBPMC-GS-UJE2	AUTO MCU
305	CY96F378HSBPMC-GS-UJE2	AUTO MCU
306	CY96F385RSAPMC-GS-UJE2	AUTO MCU
307	CY96F385RSBPMC-GS182UJE2	AUTO MCU
308	CY96F385RSBPMC-GS223UJE2	AUTO MCU
309	CY96F385RSBPMC-GS-UJE2	AUTO MCU
310	CY96F385RWAPMC-GS-UJE2	AUTO MCU
311	CY96F386RSBPMC-GS-UJE1	AUTO MCU
312	CY96F386RSBPMC-GS-UJE2	AUTO MCU
313	CY96F386RSCPMC-GS192UJE2	AUTO MCU
314	CY96F386RSCPMC-GS193UJE2	AUTO MCU
315	CY96F386RSCPMC-GS197UJE2	AUTO MCU
316	CY96F386RSCPMC-GS198UJE2	AUTO MCU
317	CY96F386RSCPMC-GS203UJE2	AUTO MCU
318	CY96F386RSCPMC-GS204UJE2	AUTO MCU
319	CY96F386RSCPMC-GS208UJE2	AUTO MCU
320	CY96F386RSCPMC-GS209UJE2	AUTO MCU
321	CY96F386RSCPMC-GS211UJE2	AUTO MCU
322	CY96F386RSCPMC-GS212UJE2	AUTO MCU
323	CY96F386RSCPMC-GS213UJE2	AUTO MCU
324	CY96F386RSCPMC-GS214UJE2	AUTO MCU
325	CY96F386RSCPMC-GS221UJE2	AUTO MCU
326	CY96F386RSCPMC-GS-UJE2	AUTO MCU
327	CY96F386RSCPMC-GS-UJF4E1	AUTO MCU
328	CY96F386RWBPMC-GS-UJE2	AUTO MCU
329	CY96F387RSBPMC-GS-UJE2	AUTO MCU

330	CY96F387RSCPMC-GS-UJE2	AUTO MCU
331	CY96F388HSBPMC-GS-UJF4E1	AUTO MCU
332	CY96F388HWBPMC-GS-UJE2	AUTO MCU
333	CY96F389RSBPMC-GS-UJE2	AUTO MCU
334	CY96F395RSAPMC-GS-UJE2	AUTO MCU
335	CY96F395RSBPMC-GS-UJE2	AUTO MCU
336	CY96F395RWBPMC-GS-UJE2	AUTO MCU
337	CY96F612ABPMC-GS-122UJE1	AUTO MCU
338	CY96F612ABPMC-GS-UJE1	AUTO MCU
339	CY96F612ABPMC-GS-UJF4E1	AUTO MCU
340	CY96F612RBPMC-GS-UJE1	AUTO MCU
341	CY96F612RBPMC-GS-UJE2	AUTO MCU
342	CY96F613ABPMC-GS-112UJE1	AUTO MCU
343	CY96F613ABPMC-GS-131UJE1	AUTO MCU
344	CY96F613ABPMC-GS-UJE1	AUTO MCU
345	CY96F613ABPMC-GT-UJE1	AUTO MCU
346	CY96F613RBPMC-GS109-UJE2	AUTO MCU
347	CY96F613RBPMC-GS113-UJE2	AUTO MCU
348	CY96F613RBPMC-GS114-UJE2	AUTO MCU
349	CY96F613RBPMC-GS117-UJE2	AUTO MCU
350	CY96F613RBPMC-GS118-UJE2	AUTO MCU
351	CY96F613RBPMC-GS123-UJE2	AUTO MCU
352	CY96F613RBPMC-GS124-UJE2	AUTO MCU
353	CY96F613RBPMC-GS125-UJE2	AUTO MCU
354	CY96F613RBPMC-GS126-UJE2	AUTO MCU
355	CY96F613RBPMC-GS-127UJE2	AUTO MCU
356	CY96F613RBPMC-GS-129UJE2	AUTO MCU
357	CY96F613RBPMC-GS-130UJE2	AUTO MCU
358	CY96F613RBPMC-GS-132UJE2	AUTO MCU
359	CY96F613RBPMC-GSA-UJE1	AUTO MCU
360	CY96F613RBPMC-GS-UJE1	AUTO MCU
361	CY96F613RBPMC-GS-UJE2	AUTO MCU
362	CY96F613RBPMC-GS-UJERE2	AUTO MCU
363	CY96F615ABPMC-GS-UJE1	AUTO MCU
364	CY96F615ABPMC-GS-UJF4E1	AUTO MCU
365	CY96F615ABPMC-GT-UJE1	AUTO MCU
366	CY96F615RBPMC-GS-UJE1	AUTO MCU
367	CY96F615RBPMC-GS-UJE2	AUTO MCU
368	CY96F615RBPMC-GS-UJERE2	AUTO MCU
369	CY96F615RBPMC-GS-UJF4E1	AUTO MCU
370	CY96F615RBPMC-GT-UJE1	AUTO MCU
371	CY96F622ABPMC1-GS-UJE2	AUTO MCU
372	CY96F622ABPMC1-GS-UJERE2	AUTO MCU
373	CY96F622RBPMC-GS-UJE1	AUTO MCU
374	CY96F623ABPMC1-GS-UJE1	AUTO MCU
375	CY96F623ABPMC1-GS-UJE2	AUTO MCU
376	CY96F623RBPMC1-GS-UJE2	AUTO MCU
377	CY96F623RBPMC-GS-UJE1	AUTO MCU
378	CY96F625ABPMC1-GS-UJE1	AUTO MCU
379	CY96F625ABPMC1-GS-UJF4E1	AUTO MCU
380	CY96F625ABPMC-GS-UJE2	AUTO MCU
381	CY96F625RBPMC1-GS119UJE2	AUTO MCU
382	CY96F625RBPMC1-GS121UJE2	AUTO MCU
383	CY96F625RBPMC1-GS-UJE1	AUTO MCU
384	CY96F625RBPMC1-GS-UJE2	AUTO MCU

385	CY96F625RBPMC-GS-UJE1	AUTO MCU
386	CY96F625RBPMC-GS-UJE2	AUTO MCU
387	CY96F635RBPMC-GSA-UJE1	AUTO MCU
388	CY96F635RBPMC-GS-UJE1	AUTO MCU
389	CY96F636RBPMC-GS-UJE1	AUTO MCU
390	CY96F636RBPMC-GS-UJE2	AUTO MCU
391	CY96F636RBPMC-GS-UJF4E1	AUTO MCU
392	CY96F637RBPMC-GS-UJE1	AUTO MCU
393	CY96F637RBPMC-GS-UJF4E1	AUTO MCU
394	CY96F643ABPMC-GS-102UJE1	AUTO MCU
395	CY96F643ABPMC-GS-UJE1	AUTO MCU
396	CY96F643RBPMC-GS-UJE1	AUTO MCU
397	CY96F645ABPMC-GS-UJE2	AUTO MCU
398	CY96F646RBPMC-GS-106UJE2	AUTO MCU
399	CY96F646RBPMC-GS-108UJE2	AUTO MCU
400	CY96F646RBPMC-GSA-UJE1	AUTO MCU
401	CY96F646RBPMC-GS-UJE1	AUTO MCU
402	CY96F646RBPMC-GS-UJE2	AUTO MCU
403	CY96F646RBPMC-GS-UJF4E1	AUTO MCU
404	CY96F647RBPMC-GSA-UJE1	AUTO MCU
405	CY96F647RBPMC-GS-UJE2	AUTO MCU
406	CY96F647RBPMC-GS-UJF4E1	AUTO MCU
407	CY96F673ABPMC1-GS101UJE1	AUTO MCU
408	CY96F673ABPMC1-GS102UJE1	AUTO MCU
409	CY96F673ABPMC1-GS103UJE2	AUTO MCU
410	CY96F673ABPMC1-GS111UJE2	AUTO MCU
411	CY96F673ABPMC1-GS115UJE2	AUTO MCU
412	CY96F673ABPMC1-GS116UJE2	AUTO MCU
413	CY96F673ABPMC1-GS120UJE2	AUTO MCU
414	CY96F673ABPMC1-GS-UJE1	AUTO MCU
415	CY96F673ABPMC1-GS-UJE2	AUTO MCU
416	CY96F673ABPMC-GS-UJE2	AUTO MCU
417	CY96F673RBPMC1-GS-UJE1	AUTO MCU
418	CY96F673RBPMC-GS-UJE1	AUTO MCU
419	CY96F673RBPMC-GS-UJE2	AUTO MCU
420	CY96F683ABPMC-GS-105UJE1	AUTO MCU
421	CY96F683ABPMC-GS-106UJE1	AUTO MCU
422	CY96F683ABPMC-GS-113UJE1	AUTO MCU
423	CY96F683ABPMC-GS-117UJE1	AUTO MCU
424	CY96F683ABPMC-GS-118UJE1	AUTO MCU
425	CY96F683ABPMC-GS-119UJE1	AUTO MCU
426	CY96F683ABPMC-GS-121UJE1	AUTO MCU
427	CY96F683ABPMC-GS-122UJE1	AUTO MCU
428	CY96F683ABPMC-GS-123UJE1	AUTO MCU
429	CY96F683ABPMC-GS-UJE1	AUTO MCU
430	CY96F683RBPMC-GSA-UJE1	AUTO MCU
431	CY96F683RBPMC-GS-UJE1	AUTO MCU
432	CY96F685RBPMC-GSA-UJE1	AUTO MCU
433	CY96F685RBPMC-GS-UJE1	AUTO MCU
434	CY96F693ABPMC-GS102-UJE2	AUTO MCU
435	CY96F693ABPMC-GS109-UJE2	AUTO MCU
436	CY96F693ABPMC-GS-114UJE2	AUTO MCU
437	CY96F693ABPMC-GS-UJE1	AUTO MCU
438	CY96F693ABPMC-GS-UJE2	AUTO MCU
439	CY96F693RBPMC-GSA-UJE1	AUTO MCU

440	CY96F693RBPMC-GS-UJE1	AUTO MCU
441	CY96F696RBPMC-GS111-UJE2	AUTO MCU
442	CY96F696RBPMC-GSA-UJE1	AUTO MCU
443	CY96F696RBPMC-GS-UJE1	AUTO MCU
444	CY96F696RBPMC-GS-UJE2	AUTO MCU
445	CY96F6A6RBPMC-GS-UJE1	AUTO MCU
446	CY96F6A6RBPMC-GS-UJE2	AUTO MCU
447	CY96F6A6RBPMC-GS-UJERE2	AUTO MCU
448	CY96F6B5RBPMC-GS-UJE1	AUTO MCU
449	CY96F6B6RBPMC-GS-UJE1	AUTO MCU
450	CY96F6B6RBPMC-GS-UJE2	AUTO MCU
451	CY96F6B6RBPMC-GS-UJF4E1	AUTO MCU
452	CY96F6C5RBPMC-GSA-UJE1	AUTO MCU
453	CY96F6C5RBPMC-GS-UJE1	AUTO MCU
454	CY96F6C6RBPMC-GS-103UJE1	AUTO MCU
455	CY96F6C6RBPMC-GS-104UJE1	AUTO MCU
456	CY96F6C6RBPMC-GS-115UJE1	AUTO MCU
457	CY96F6C6RBPMC-GS-116UJE1	AUTO MCU
458	CY96F6C6RBPMC-GS-UJE1	AUTO MCU
459	CY96F6C6RBPMC-GS-UJF4E1	AUTO MCU
460	CY96F918DSBPMC-GS-UJERE2	AUTO MCU
461	E02274301	AUTO MCU
462	E04108600	AUTO MCU
463	E43-20A001	AUTO MCU
464	E83-16B004	ANALOG
465	EAN63485901	AUTO MCU
466	EAN64366401	AUTO MCU
467	EUFDZ0331-CY	ANALOG
468	K760515DFLC000	AUTO MCU
469	K760515D-FLC000	AUTO MCU
470	KBMCU623	AUTO MCU
471	KN53.4765.076	AUTO MCU
472	KN53.4765.114	AUTO MCU
473	M3209-100203	ANALOG
474	MB457780-3500	AUTO MCU
475	N262P92312	AUTO MCU
476	P701490DFF0000	ANALOG
477	P701490D-FF0000	ANALOG
478	P701808DFF0000	ANALOG
479	P701808D-FF0000	ANALOG
480	P7605240FLC000	AUTO MCU
481	P760533DFLC000	AUTO MCU
482	P760533D-FLC000	AUTO MCU
483	P760534DFLC000	AUTO MCU
484	P760534D-FLC000	AUTO MCU
485	P760605DFL0000	AUTO MCU
486	P760605D-FL0000	AUTO MCU
487	P760607DFL0000	AUTO MCU
488	P760607D-FL0000	AUTO MCU
489	P760608DFL0000	AUTO MCU
490	P760608D-FL0000	AUTO MCU
491	P7606150FL0000	AUTO MCU
492	P7606150-FL0000	AUTO MCU
493	P7606150FM0000	AUTO MCU
494	P7606160FL0000	AUTO MCU



495	P7606160-FL0000	AUTO MCU
496	P760616DFM0000	AUTO MCU
497	P7606200FL0000	AUTO MCU
498	P7606200-FL0000	AUTO MCU
499	P7606230FL0000	AUTO MCU
500	P7606230-FL0000	AUTO MCU
501	POZ00067	AUTO MCU
502	POZ00068	AUTO MCU
503	POZ00069	AUTO MCU
504	S6BP201A1AST2B00A	ANALOG
505	S6BP202A1FST2B000	ANALOG
506	S6BP202A1FST2B00A	ANALOG
507	S6BP202A1FST2B20A	ANALOG
508	S6BP203A8FST2B000	ANALOG
509	S6BP401A90SN1B000	ANALOG
510	S6BP401A92SN1B20A	ANALOG
511	S6BP401AB1SN1B000	ANALOG
512	S6BP401AB1SN1B200	ANALOG
513	S6BP401AJ0SN1B000	ANALOG
514	S6BP401AJ0SN1B200	ANALOG
515	S6BP401AJ2SN1B200	ANALOG
516	S6BP401AJ2SN1B20A	ANALOG
517	S6BP401AL2SN1B000	ANALOG
518	S6BP401AL2SN1B200	ANALOG
519	S6BP401AL2SN1B20A	ANALOG
520	S6BP401AL3SN1B000	ANALOG
521	S6BP401AM2SN1B000	ANALOG
522	S6BP401AM2SN1B20A	ANALOG
523	S6BP501A00SN2B000	ANALOG
524	S6BP501A00SN2B200	ANALOG
525	S6BP502A00SN2B000	ANALOG
526	S6BP502A00SN2B200	ANALOG
527	S6BT112A01SSBB202	ANALOG
528	S6BT112A02SSBB002	ANALOG
529	S6BT112A02SSBB202	ANALOG
530	SNN-4816-13251-1	AUTO MCU
531	SRC000062290 B	AUTO MCU
532	SRC000066493 B	AUTO MCU
533	SRC100225480	ANALOG
534	SRC100242278	ANALOG
535	TD4577807110	AUTO MCU
536	TN457780-3500	AUTO MCU
537	TN457780-7110	AUTO MCU
538	341074	AUTO MCU
539	79041200	AUTO MCU
540	370011602	AUTO MCU
541	370012232	AUTO MCU
542	370014321	AUTO MCU
543	370015222	AUTO MCU
544	370015736	AUTO MCU
545	8945139744	AUTO MCU
546	8945140464	AUTO MCU
547	CY62128ELL-55ZAXE	ASYNC
548	CY62128ELL-55ZAXET	ASYNC
549	CY62138FV30LL-45ZAXA	ASYNC

550	CY62138FV30LL-45ZAXAT	ASync
551	8905504784	ASync
552	8909000785	ASync
553	8909000787	ASync
554	8909007818	ASync
555	8909000787X	ASync
556	8909007818X	ASync
557	A2C02770600	ASync
558	A2C02770600X	ASync
559	A2C02770900	ASync
560	A2C03558300	ASync
561	A2C03558300X	ASync
562	C3BBHY000059	ASync
563	C3BBKY000108	ASync
564	C3BBKY000108X	ASync
565	CY62126EV30LL-45ZSXA	ASync
566	CY62126EV30LL-45ZSXAT	ASync
567	CY62126EV30LL-55ZSXE	ASync
568	CY62126EV30LL-55ZSXET	ASync
569	CY62136FV30LL-45ZSXA	ASync
570	CY62136FV30LL-45ZSXAT	ASync
571	CY62136FV30LL-55ZSXE	ASync
572	CY62136FV30LL-55ZSXET	ASync
573	CY62137FV30LL-45ZSXA	ASync
574	CY62137FV30LL-45ZSXAT	ASync
575	CY62137FV30LL-55ZSXE	ASync
576	CY62137FV30LL-55ZSXET	ASync
577	CY62146G30-45ZSXA	ASync
578	CY62146G30-45ZSXAT	ASync
579	CY62146G-45ZSXA	ASync
580	CY62146G-45ZSXAT	ASync
581	CY621472G30-45ZSXA	ASync
582	CY621472G30-45ZSXAT	ASync
583	CY62147G30-45ZSXA	ASync
584	CY62147G30-45ZSXAT	ASync
585	CY62147G30-55ZSXE	ASync
586	CY62147G30-55ZSXET	ASync
587	CY62157ELL-55ZSXE	ASync
588	CY62157ELL-55ZSXET	ASync
589	CY62157EV30LL-45ZSXA	ASync
590	CY62157EV30LL-45ZSXAT	ASync
591	CY62157EV30LL-55ZSXE	ASync
592	CY62157EV30LL-55ZSXET	ASync
593	CY62157G30-45ZSXA	ASync
594	CY62157G30-45ZSXAT	ASync
595	CY62157H30-55ZSXE	ASync
596	CY62157H30-55ZSXET	ASync
597	CY7C1011G30-10ZSXA	ASync
598	CY7C1011G30-10ZSXAT	ASync

599	CY7C1011G30-12ZSX E	AS YNC
600	CY7C1011G30-12ZSX ET	AS YNC
601	CY7C1020CV26-15ZSX E	AS YNC
602	CY7C1020CV26-15ZSX ET	AS YNC
603	CY7C1021CV26-15ZSX E	AS YNC
604	CY7C1021CV26-15ZSX ET	AS YNC
605	CY7C1021CV33-10ZSX A	AS YNC
606	CY7C1021CV33-10ZSX AT	AS YNC
607	CY7C1021CV33-12ZSX E	AS YNC
608	CY7C1021CV33-12ZSX ET	AS YNC
609	CY7C1041G30-10ZSX A	AS YNC
610	CY7C1041G30-10ZSX AT	AS YNC
611	CY7C1041G30-10ZSX E	AS YNC
612	CY7C1041G30-10ZSX ET	AS YNC
613	CY7C1051H30-10ZSX E	AS YNC
614	CG10167AA	AS YNC
615	CG10167AAT	AS YNC
616	CG7921AA	AS YNC
617	CG7921AAT	AS YNC
618	CG8988AA	AS YNC
619	CG8988AAT	AS YNC
620	CS8800AA	AS YNC
621	CS8800AAT	AS YNC
622	P770046DFJ0000	AS YNC
623	P770046D-FJ0000	AS YNC
624	P770046DFJ0000X	AS YNC
625	P770046D-FJ0000X	AS YNC
626	CY15B101N-ZS60XA	FRAM
627	CY15B101N-ZS60XAT	FRAM
628	CY15B101N-ZS60XE	FRAM
629	CY15B101N-ZS60XET	FRAM
630	CY15B101N-ZS60XM	FRAM
631	CY15B102N-ZS60XA	FRAM
632	CY15B102N-ZS60XAT	FRAM
633	CY15B102N-ZS60XE	FRAM
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654	457780-5790	NOR
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688	S29AS016J70BFI040A	NOR
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690	CG7704AA	SYNC
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693	CG8281AA	FRAM
694	CG8281AAT	FRAM
695	CG8395AT	FRAM
696	CG8395ATT	FRAM
697	CG8447AA	SYNC
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701	CG8725AM	FRAM
702	CG8725AMT	FRAM
703	CG8726AM	FRAM
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705	CG8760AA	FRAM
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721	CG8839AF	FRAM
722	CG8839AFT	FRAM
723	CG8853AT	FRAM
724	CG8853ATT	FRAM