



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN211305

Date: April 05, 2021

Subject: Qualification of Greatek Electronics Inc. as an Alternate Assembly Site for Select 44-Lead TSOP II Package Memory Products

To: FUTURE ELECTRONICS
FUTURE ELE
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Description of Change:

Cypress announces the qualification of Greatek Electronics Inc., Taiwan located at No. 136, Gong-Yi Rd., Zhunan Township, Miaoli County 350, Taiwan, as an alternate assembly site for select Memory products offered in 44-Lead TSOP II package.

These products are currently processed at Jiangsu Changjiang Electronics Technology Co., Ltd (JCET) of Cypress' subcontractor in China; Orient Semiconductor Electronics (OSET) of Cypress subcontractor in Taiwan and IFX Cypress Manufacturing Limited (CML) in Philippines. The transfer of assembly operations to Greatek is motivated by JCET's phasing out (i.e., End-Of-Life) of TSOP manufacturing operations, as previously announced in advance PCN - APCN201002 and also as alternative assembly site.

Given the imminent phase out of operations at JCET, and the dynamically changing market conditions, Cypress is pleased to offer supply of changed material (i.e., Greatek assembled product) ahead of the implementation date. Customers are strongly encouraged to avail of this option, where production volumes of Greatek assembled product can be secured and shipped against current orders. Please contact your Cypress Sales Representative for more information on availing this option.

Greatek is certified by international quality and safety standards, namely, ISO 9001, IATF 16949, ISO 14001, and ISO 26262. These certificates, along with their Sony Green Partnership certificate, can be viewed on their corporate web site: <http://www.greatek.com.tw/>

BOM Comparison:

The 44-Lead TSOP II package will be assembled at Greatek using an industry standard set of Bill of Materials (BOM). Please see table below for a comparison of BOM among the assembly sites.

The 44-Lead TSOP II package is assembled at Greatek using the following Bill of Materials (BOM):

Material	Greatek BOM	JCET BOM	OSET BOM	IFX CML BOM
Leadframe	Cu Leadframe	PPF Leadframe	Cu Leadframe	PPF Leadframe
Leadfinish	Pure Sn	NiPdAu	Pure Sn	NiPdAu
Die Attach Material	Showa Denko EN-4900GC	Henkel QMI-509	Sumitomo CRM-1076/ Sumitomo CRM-1076WA	Henkel QMI-509
Wire type	0.8mil/1.0 Au wire	0.8mil/0.9mil/1.0mil Au wire	0.8mil Au wire	0.8mil Au wire
Mold Compound	Sumitomo EME-G700SLA	Kyocera KE-G6000DA	Sumitomo EME-G631SH/ Sumitomo EME-G770HCD	Kyocera KE-G6000DA

Benefit of Change:

Qualification of alternative manufacturing sites provides the means for Cypress to ensure business continuity on the stated products, and thereby meet long-term market demand and delivery commitments to customers after the phase out of operations at JCET.

Part Numbers Affected: 75

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts introduced after the publication of this PCN will be assembled at Greatek.

Qualification Status:

Greatek has been qualified through a series of tests documented in the Qualification Test Plan QTP#203206. This qualification report can be found as an attachment to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Samples are available now, unless there is an indication that the sample ordering part numbers are subject to lead times. Qualification samples may not be built ahead of time for all part numbers affected by this change.

Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Greatek sample ordering part numbers.

If you require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this notification.

Approximate Implementation Date:

Effective immediately upon customer approval, or 90 days from the date of this notification, whichever comes first, shipments on part numbers in the attached file will be primarily sourced from Greatek. Customers should expect to receive JCET assembled product for a transitional period, until inventory is depleted.

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

Anticipated Impact:

Products assembled at Greatek are completely compatible with existing products from form, fit, functional, parametric and quality performance perspectives.

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

Method of Identification:

Cypress also maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package

Response Required:

No response is required.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration

Cypress Semiconductor Reliability Qualification Report

QTP# 203206
Version *B

Issue Date: 03/25/2021

CY14B104NA / CY15B102N / CY7C1051H30

Qualification of: 203206: To qualify alternative assembly site for ZW44 automotive package

Notice: The information in this report is confidential. It is prepared to assist in the qualification of our products. It is declassified for the internal use of our customers only, and may be modified to meet the needs of specific customers

The package details (material set, assembly location, etc.) are specific to the qual vehicles used for qualification. Alternate material sets and assembly locations may be qualified for the affected products. Production material may be assembled with any qualified material set and at any qualified assembly location.

FOR ANY QUESTION ON THIS REPORT, Please Contact
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1.0 Product and Package Information

1.0.1 Product Description

Product Part Number	CY14B104NA-ZS25XE	Cypress Division	MS
Device Description	4-Mbit (256K × 16) Automotive nvSRAM		

1.0.2 Package Information

Package Designation	ZW44A	Qual Record	QTP 203206
Package Outline	44-leads TSOP II (400mils)		
Assembly	Greatek-Taiwan (IG)	Mold Compound	SUMITOMO G700SLA
Electrical Test	CML-Philippines (R)	Die Attach	Hitachi EN-4900GC
Substrate/Leadframe	Cu LF	Flammability	V0 UL94
O2 Index	54%	Lead Finish	Pure Sn
Number of Die	1		

1.0.3 Die information

Die 1	7A1404B6C	Process	S8_CAP
Type	NA	FAB	SKYWATER

1.1.1 Product Description

Product Part Number	CY15B102N-ZS60XA	Cypress Division	MS
Device Description	1-Mbit (64K × 16) Automotive F-RAM Memory		

1.1.2 Package Information

Package Designation	ZW44B	Qual Record	QTP 203206
Package Outline	44-leads TSOP II (400mils)		
Assembly	Greatek-Taiwan (IG)	Mold Compound	SUMITOMO G700SLA
Electrical Test	CML-Philippines (R)	Die Attach	SHOWA DENKO
Substrate/Leadframe	Cu LF	Flammability	V0 UL94
O2 Index	54%	Lead Finish	Pure Sn
Number of Die	One		

1.1.3 Die information

Die 1	7A1502B06DY	Process	NA
Type	FRAM	FAB	Texas Instrument

1.2.1 Product Description

Product Part Number	CY7C1051H30-10ZSXE	Cypress Division	MS
Device Description	8-Mbit (512K x 16) Static RAM		

1.2.2 Package Information

Package Designation	ZW44A	Qual Record	QTP 203206
Package Outline	44-leads TSOP II (400mils)		
Assembly	Greatek-Taiwan (IG)	Mold Compound	SUMITOMO G700SLA
Electrical Test	CML-Philippines (R) Chipmos-Taiwan (GO)	Die Attach	SHOWA DENKO
Substrate/Leadframe	Cu LF	Flammability	V0 UL94
O2 Index	54%	Lead Finish	Pure Sn
Number of Die	One		

1.2.3 Die information

Die 1	7A1502B06DY	Process	NA
Type	ASYNCR	FAB	UMC

2.0 Summary of stress test result

2.1 Reliability data collected from Qualification

Stress	Condition	Fab lot	Lot	Package	Assembly Site	TV	Read Point	SS	Reject	Comment
BALL BOND SHEAR	As specified	4852981	612025330	ZW44A	IG	1	COMP	30	0	
		4852981	612025329	ZW44A	IG	2	COMP	30	0	
		4852981	612025331	ZW44A	IG	3	COMP	30	0	
		9015016	612032277	ZW44	IG	4	COMP	30	0	
		2027001	612030020	ZW44B	IG	5	COMP	30	0	
BIASED HAST	130°C / 85%RH	4852981	612025330	ZW44A	IG	1	96	80	0	
		4852981	612025329	ZW44A	IG	2	96	80	0	
		4852981	612025331	ZW44A	IG	3	96	80	0	
		9015016	612032277	ZW44	IG	4	COMP	80	0	
		2027001	612030020	ZW44B	IG	5	96	80	0	
BOND PULL STRENGTH	As specified	4852981	612025330	ZW44A	IG	1	COMP	30	0	
		4852981	612025329	ZW44A	IG	2	COMP	30	0	
		4852981	612025331	ZW44A	IG	3	COMP	30	0	
		9015016	612032277	ZW44	IG	4	COMP	30	0	
		2027001	612030020	ZW44B	IG	5	COMP	30	0	
BOND STRENGTH	As specified	4852981	612025330	ZW44A	IG	1	COMP	5	0	
CONSTRUCTION ANALYSIS	As specified	4852981	612025330	ZW44A	IG	1	COMP	5	0	
		4852981	612025329	ZW44A	IG	2	COMP	5	0	
		4852981	612025331	ZW44A	IG	3	COMP	5	0	
		9015016	612032277	ZW44	IG	4	COMP	5	0	
		2027001	612030020	ZW44B	IG	5	COMP	5	0	
DIE SHEAR	As specified	4852981	612025330	ZW44A	IG	1	COMP	5	0	
		4852981	612025329	ZW44A	IG	2	COMP	5	0	
		4852981	612025331	ZW44A	IG	3	COMP	5	0	
		9015016	612032277	ZW44	IG	4	COMP	5	0	
		2027001	612030020	ZW44B	IG	5	COMP	5	0	
DYE PENETRANT	As specified	4852981	612025330	ZW44A	IG	1	COMP	15	0	
		4852981	612025329	ZW44A	IG	2	COMP	15	0	
		4852981	612025331	ZW44A	IG	3	COMP	15	0	
		9015016	612032277	ZW44	IG	4	COMP	15	0	
		2027001	612030020	ZW44B	IG	5	COMP	15	0	
EARLY LIFE FAILURE RATE	150°C	4845804	612008784	SOIC 32	IG	19	48	800	0	
		9015016	612032277	ZW44	IG	4	48	800	0	
		2027001	612030020	ZW44B	IG	5	48	799	0	
ELECTRICAL DISTRIBUTIONS /	As specified	4852981	612025330	ZW44A	IG	1	COMP	30	0	
		4852981	612025329	ZW44A	IG	2	COMP	30	0	

CHARACTERIZATION		4852981	612025331	ZW44A	IG	3	COMP	30	0
		9015016	612032277	ZW44	IG	4	COMP	30	0
		2027001	612030020	ZW44B	IG	5	COMP	30	0
ESD (CDM) SENSITIVITY	As specified	4852981	612025330	ZW44A	IG	1	COMP	6	0
		9015016	612032277	ZW44	IG	4	COMP	6	0
		2027001	612030020	ZW44B	IG	5	COMP	6	0
ESD (HBM) SENSITIVITY	As specified	4852981	612025330	ZW44A	IG	1	COMP	9	0
		9015016	612032277	ZW44	IG	4	COMP	9	0
		2027001	612030020	ZW44B	IG	5	COMP	9	0
FINAL VISUAL INSPECTION	As specified	4852981	612025330	ZW44A	IG	1	COMP	1260	0
		4852981	612025329	ZW44A	IG	2	COMP	626	0
		4852981	612025331	ZW44A	IG	3	COMP	626	0
		9015016	612032277	ZW44	IG	4	COMP	1969	0
		2027001	612030020	ZW44B	IG	5	COMP	2498	0
HIGH TEMP STORAGE LIFE	175°C	4852981	612025330	ZW44A	IG	1	500	77	0
		9015016	612032277	ZW44	IG	4	500	80	0
		2027001	612030020	ZW44B	IG	5	500	80	0
HIGH TEMP STORAGE LIFE	150°C	4852981	612025330	ZW44A	IG	1	1000	77	0
		9015016	612032277	ZW44	IG	4	1000	80	0
HTSL PRE CONDITIONING	24HRS_125°C	4852981	612025330	ZW44A	IG	1	COMP	154	0
		9015016	612032277	ZW44	IG	4	COMP	160	0
		2027001	612030020	ZW44B	IG	5	COMP	160	0
INHERENT LIFE FAILURE RATE	150°C	4852981	612025330	ZW44A	IG	1	408	77	0
		4852981	612025329	ZW44A	IG	2	408	80	0
		4852981	612025331	ZW44A	IG	3	408	80	0
		9015016	612032277	ZW44	IG	4	408	80	0
		2027001	612030020	ZW44B	IG	5	408	80	0
LEAD INTEGRITY	As specified	4852981	612025330	ZW44A	IG	1	COMP	5	0
MARGIN ANALYSIS	As specified	2027001	612030020	ZW44B	IG	5	COMP	30	0
PHYSICAL DIMENSIONS	As specified	4852981	612025330	ZW44A	IG	1	COMP	10	0
		4852981	612025329	ZW44A	IG	2	COMP	10	0
		4852981	612025331	ZW44A	IG	3	COMP	10	0
		9015016	612032277	ZW44	IG	4	COMP	10	0
		2027001	612030020	ZW44B	IG	5	COMP	10	0
PRE CONDITIONING	MSL3_30°C / 60%RH for 192 hrs	4852981	612025330	ZW44A	IG	1	COMP	245	0
		4852981	612025329	ZW44A	IG	2	COMP	240	0
		4852981	612025331	ZW44A	IG	3	COMP	240	0
		9015016	612032277	ZW44	IG	4	COMP	240	0
		2027001	612030020	ZW44B	IG	5	COMP	245	0
PRESSURE COOKER TEST	121°C / 100%RH / 15psig	4852981	612025330	ZW44A	IG	1	168 288	77 77	0
		4852981	612025329	ZW44A	IG	2	168 288	80 80	0
		4852981	612025331	ZW44A	IG	3	168 288	80 80	0
		9015016	612032277	ZW44	IG	4	168	80	0

		2027001	612030020	ZW44B	IG	5	168 288	80	0	
SOLDERABILITY DIP AND LOOK	As specified	4852981	612025330	ZW44A	IG	1	COMP	15	0	
		9015016	612032277	ZW44	IG	4	COMP	15	0	
		2027001	612030020	ZW44B	IG	5	COMP	15	0	
TEMP CYCLE	C -65°C to 150°C	4852981	612025330	ZW44A	IG	1	500 1000	85 80	0	
		4852981	612025329	ZW44A	IG	2	500 1000	80 80	0	
		4852981	612025331	ZW44A	IG	3	500 1000	80 80	0	
		9015016	612032277	ZW44	IG	4	500	84	0	
		2027001	612030020	ZW44B	IG	5	500	85	0	
TIN WHISKER TESTING	As specified	4852981	612025330	ZW44A	IG	1	COMP	18	0	
		2027001	612030020	ZW44B	IG	5	COMP	18	0	
X-RAY FA	As specified	4852981	612025330	ZW44A	IG	1	COMP	15	0	
		4852981	612025329	ZW44A	IG	2	COMP	15	0	
		4852981	612025331	ZW44A	IG	3	COMP	15	0	
		9015016	612032277	ZW44	IG	4	COMP	15	0	
		2027001	612030020	ZW44B	IG	5	COMP	15	0	

Reliability Tests Performed per Specification Requirement

Stress	Condition	Specification Reference
BOND STRENGTH	As specified	883-2011, AEC-Q100 MIL-STD-883 MET 2011
BALL BOND SHEAR	As specified	AEC-Q100-001 / AEC-Q003 / JESD22-B116 MIL-STD-883, MET 2011.9
CONSTRUCTION ANALYSIS	As specified	Meet Criteria
ESD (CDM) SENSITIVITY	As specified	AEC-Q100, AEC-Q100-011
DYE PENETRANT	As specified	Meet Criteria
DIE SHEAR	As specified	MIL—883 MET 2019, AEC-Q100 MET 5005./2019/TM 2027
EARLY LIFE FAILURE RATE	150°C	JESD22-A108 AEC-Q100, AEC-Q100-008
ELECTRICAL DISTRIBUTIONS / CHARACTERIZATION	As specified	AEC-Q100-009, AEC-Q003, AEC-Q100 Per requirements
ESD (HBM) SENSITIVITY	As specified	IEC/EN 61000-4-2 001-10140, JS-001 AEC-Q100, AEC-Q100-002
BIASED HAST	130°C / 85%RH	JESD22-A110, AEC-Q100
HIGH TEMP STORAGE LIFE	150°C	JESD22-A103, AEC-Q100
HIGH TEMP STORAGE LIFE	175°C	JESD22-A103, AEC-Q100
INHERENT LIFE FAILURE RATE	150°C	JESD22-A108, AEC-Q100
LEAD INTEGRITY	As specified	JESD22-B105, AEC-Q100 MIL-STD-883, MET 2004.7
PRE CONDITIONING	MSL3_30°C / 60%RH for 192 hrs	JTD-020, JESD22-A113, AEC-Q100
PRESSURE COOKER TEST	121°C / 100%RH / 15psig	AEC-Q100, JESD22-A102
PHYSICAL DIMENSIONS	As specified	JESD22B108, JESD22-B100, MIL-STD- 883 MET 2016
TEMP CYCLE	C -65°C to 150°C	JESD22-A104, JESD47, AEC-Q100 MIL-STD-883 MET 1010 , MILPRF- 38535
FINAL VISUAL INSPECTION	As specified	Meet Criteria

Revision History

Document Title: NEW QUALIFICATION REPORT FOR AUTOMOTIVE CY14B104NA, S8_CAP TECHNOLOGY, GREATEK-TAIWAN (IG), QTP#(203206)

Document Number: 002-31990

Rev.	Issue Date	ECN No.	Originator	Description
**	12/11/2020	7042871	HSTO	New Qualification Report for Automotive CY14B104NA, S8_CAP Technology, Greatek-Taiwan (IG), QTP #(203206)
*A	03/03/2021	7097557	HSTO	Added CY15B102N FRAM TV5 Qualification Data
*B	03/25/2021	7110568	HSTO	Added CY7C1051H30 TV4 Qualification Data Removed internal reference spec on page 6

Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	8905504784	ASync	8905504784KT	Subject to lead time
2	8909000785	ASync	8909000785KT	Subject to lead time
3	8909000787	ASync	8909000787KT	Subject to lead time
4	8909007818	ASync	8909007818KT	Subject to lead time
5	8909000787X	ASync	8909000787KT	Subject to lead time
6	8909007818X	ASync	8909007818KT	Subject to lead time
7	A2C02770600	ASync	A2C02770600KT	Subject to lead time
8	A2C02770600X	ASync	A2C02770600KT	Subject to lead time
9	A2C02770900	ASync	A2C02770900KT	Subject to lead time
10	A2C03558300	ASync	A2C03558300KT	Subject to lead time
11	A2C03558300X	ASync	A2C03558300KT	Subject to lead time
12	C3BBHY000059	ASync	C3BBHY000059KT	Subject to lead time
13	C3BBKY000108	ASync	C3BBKY000108KT	Subject to lead time
14	C3BBKY000108X	ASync	C3BBKY000108KT	Subject to lead time
15	CY62126EV30LL-45ZSXA	ASync	CY62126EV30LL-45ZSXAKT	Available
16	CY62126EV30LL-45ZSXAT	ASync	CY62126EV30LL-45ZSXAKT	Available
17	CY62126EV30LL-55ZSXE	ASync	CY62126EV30LL-55ZSXEKT	Available
18	CY62126EV30LL-55ZSXET	ASync	CY62126EV30LL-55ZSXEKT	Available
19	CY62136FV30LL-45ZSXA	ASync	CY62136FV30LL-45ZSXAKT	Subject to lead time
20	CY62136FV30LL-45ZSXAT	ASync	CY62136FV30LL-45ZSXAKT	Subject to lead time
21	CY62136FV30LL-55ZSXE	ASync	CY62136FV30LL-55ZSXEKT	Subject to lead time
22	CY62136FV30LL-55ZSXET	ASync	CY62136FV30LL-55ZSXEKT	Subject to lead time
23	CY62137FV30LL-45ZSXA	ASync	CY62137FV30LL-45ZSXAKT	Subject to lead time
24	CY62137FV30LL-45ZSXAT	ASync	CY62137FV30LL-45ZSXAKT	Subject to lead time
25	CY62137FV30LL-55ZSXE	ASync	CY62137FV30LL-55ZSXEKT	Available
26	CY62137FV30LL-55ZSXET	ASync	CY62137FV30LL-55ZSXEKT	Available
27	CY62146G30-45ZSXA	ASync	CY62146G30-45ZSXAKT	Subject to lead time
28	CY62146G30-45ZSXAT	ASync	CY62146G30-45ZSXAKT	Subject to lead time
29	CY62146G-45ZSXA	ASync	CY62146G-45ZSXAKT	Subject to lead time
30	CY62146G-45ZSXAT	ASync	CY62146G-45ZSXAKT	Subject to lead time
31	CY621472G30-45ZSXA	ASync	CY621472G30-45ZSXAKT	Subject to lead time
32	CY621472G30-45ZSXAT	ASync	CY621472G30-45ZSXAKT	Subject to lead time
33	CY62147G30-45ZSXA	ASync	CY62147G30-45ZSXAKT	Subject to lead time
34	CY62147G30-45ZSXAT	ASync	CY62147G30-45ZSXAKT	Subject to lead time
35	CY62147G30-55ZSXE	ASync	CY62147G30-55ZSXEKT	Subject to lead time
36	CY62147G30-55ZSXET	ASync	CY62147G30-55ZSXEKT	Subject to lead time
37	CY62157ELL-55ZSXE	ASync	CY62157ELL-55ZSXEKT	Subject to lead time
38	CY62157ELL-55ZSXET	ASync	CY62157ELL-55ZSXEKT	Subject to lead time
39	CY62157EV30LL-45ZSXA	ASync	CY62157EV30LL-45ZSXAKT	Subject to lead time
40	CY62157EV30LL-45ZSXAT	ASync	CY62157EV30LL-45ZSXAKT	Subject to lead time
41	CY62157EV30LL-55ZSXE	ASync	CY62157EV30LL-55ZSXEKT	Subject to lead time
42	CY62157EV30LL-55ZSXET	ASync	CY62157EV30LL-55ZSXEKT	Subject to lead time
43	CY62157G30-45ZSXA	ASync	CY62157G30-45ZSXAKT	Subject to lead time
44	CY62157G30-45ZSXAT	ASync	CY62157G30-45ZSXAKT	Subject to lead time
45	CY62157H30-55ZSXE	ASync	CY62157H30-55ZSXEKT	Subject to lead time
46	CY62157H30-55ZSXET	ASync	CY62157H30-55ZSXEKT	Subject to lead time

47	CY7C1011G30-10ZSXA	ASync	CY7C1011G30-10ZSXAKT	Subject to lead time
48	CY7C1011G30-10ZSXAT	ASync	CY7C1011G30-10ZSXAKT	Subject to lead time
49	CY7C1011G30-12ZSXE	ASync	CY7C1011G30-12ZSXEXT	Subject to lead time
50	CY7C1011G30-12ZSXET	ASync	CY7C1011G30-12ZSXEXT	Subject to lead time
51	CY7C1020CV26-15ZSXE	ASync	CY7C1020CV26-15ZSXEXT	Subject to lead time
52	CY7C1020CV26-15ZSXET	ASync	CY7C1020CV26-15ZSXEXT	Subject to lead time
53	CY7C1021CV26-15ZSXE	ASync	CY7C1021CV26-15ZSXEXT	Subject to lead time
54	CY7C1021CV26-15ZSXET	ASync	CY7C1021CV26-15ZSXEXT	Subject to lead time
55	CY7C1021CV33-10ZSXA	ASync	CY7C1021CV33-10ZSXAKT	Subject to lead time
56	CY7C1021CV33-10ZSXAT	ASync	CY7C1021CV33-10ZSXAKT	Subject to lead time
57	CY7C1021CV33-12ZSXE	ASync	CY7C1021CV33-12ZSXEXT	Subject to lead time
58	CY7C1021CV33-12ZSXET	ASync	CY7C1021CV33-12ZSXEXT	Subject to lead time
59	CY7C1041G30-10ZSXA	ASync	CY7C1041G30-10ZSXAKT	Subject to lead time
60	CY7C1041G30-10ZSXAT	ASync	CY7C1041G30-10ZSXAKT	Subject to lead time
61	CY7C1041G30-10ZSXE	ASync	CY7C1041G30-10ZSXEXT	Subject to lead time
62	CY7C1041G30-10ZSXET	ASync	CY7C1041G30-10ZSXEXT	Subject to lead time
63	CY7C1051H30-10ZSXE	ASync	CY7C1051H30-10ZSXEXT	Subject to lead time
64	CG10167AA	ASync	CG10167ZA	Subject to lead time
65	CG10167AAT	ASync	CG10167ZA	Subject to lead time
66	CG7921AA	ASync	CG7921ZA	Subject to lead time
67	CG7921AAT	ASync	CG7921ZA	Subject to lead time
68	CG8988AA	ASync	CG8988ZA	Subject to lead time
69	CG8988AAT	ASync	CG8988ZA	Subject to lead time
70	CS8800AA	ASync	CS8800ZA	Subject to lead time
71	CS8800AAT	ASync	CS8800UA	Subject to lead time
72	P770046DFJ0000	ASync	P770046DFJ0000KT	Subject to lead time
73	P770046D-FJ0000	ASync	P770046D-FJ0000KT	Subject to lead time
74	P770046DFJ0000X	ASync	P770046DFJ0000KT	Subject to lead time
75	P770046D-FJ0000X	ASync	P770046D-FJ0000KT	Subject to lead time