



Integrated Device Technology, Inc.
6024 Silver Creek Valley Road, San Jose, CA - 95138

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **A1504-01** DATE: **April 28, 2015**

Product Affected: Cerdip-16, 18, 20, 24, 28
Cerpack-20, 28, 48
(Refer Attachment II for the affected part#)

Date Effective: **July 28, 2015**

MEANS OF DISTINGUISHING CHANGED DEVICES:

- ☐ Product Mark
☐ Back Mark
☐ Date Code
☒ Other

Assembly lot marked on the device provides traceability to the material used

Contact: IDT PCN DESK

Attachment: ☒ Yes ☐ No

E-mail: pcndesk@idt.com

Samples: Please contact your local sales representative for sample request.

DESCRIPTION AND PURPOSE OF CHANGE:

- ☐ Die Technology
☐ Wafer Fabrication Process
☐ Assembly Process
☐ Equipment
☒ Material
☐ Testing
☐ Manufacturing Site
☐ Data Sheet
☐ Other

This notification is to advise our customers that IDT is changing the silver glass adhesive material from QMI2419MG to QMI3555 after successful qualification of the new material.

Attachment I: Details of change.
Attachment II: Affected part list.

RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance. Refer to attachments for Qualification data.

CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 90 days of this notice it will be assumed that this change is acceptable.

IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: _____

☐ **Approval for shipments prior to effective date.**

Name/Date: _____

E-Mail Address: _____

Title: _____

Phone# /Fax# : _____

CUSTOMER COMMENTS:

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____

DATE: _____



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ATTACHMENT I - PCN # : A1504-01

PCN Type: Assembly Material

Data Sheet Change: None

Details Of Change: This notification is to advise our customers that IDT is changing the silver glass adhesive material from QMI2419MG to QMI3555 after successful qualification of the new material.

You may contact your local sales representative to acknowledge this PCN and request samples.

Description	Changes	
	From	To
Silver Glass Adhesive	QMI2419MG	QMI3555

Qualification Test Plan and Results:

Test Vehicle: Cerdip-28 (3 lots)

Description	Method	Result (# of Reject / SS)		
		Lot 1	Lot 2	Lot 3
Bond Pull Test	Mil-Std-883, M2011	0/5	0/5	0/5
Life Test @ 1000 Hrs	Mil-Std-883, M1005	0/80	0/80	0/80
High Temp. Storage Test (150 degree C @ 1000 Hrs)	Mil-Std-883, M1008	0/77	0/77	0/77
Internal Visual Inspection	Mil-Std-883, M2010	0/5	0/5	0/5
Thermal Shock (-65 degree C to 150 degree C @ 15 cycle +)	Mil-Std-883, M1011	0/32	0/32	0/32
Temperature Cycle (-65 degree C to 150 degree C @ 100 cycle +)	Mil-Std-883, M1010	0/32	0/32	0/32
Moisture Resistance (90%RH, -10/25/65 degree C @ 10 cycle +)	Mil-Std-883, M1004	0/32	0/32	0/32
Fine / Gross Leak Test	Mil-Std-883, M1014	0/32	0/32	0/32
External Visual Inspection	Mil-Std-883, M1004/M1011	0/32	0/32	0/32
Internal Vapor Content	Mil-Std-883, M1018	0/3	0/3	0/3
Temperature Cycle (-65 degree C to 150 degree C @ 1000 cycle +)	Mil-Std-883, M1010	0/32	0/32	0/32



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ATTACHMENT II - PCN # : A1504-01

Affected Part Number

Part Number	Part Number	Part Number	Part Number
7164L20TDB	6116LA25TDB	7204L20DB	7164L45TDB
71256L85TDB	6116LA25DB	7203L40DB	7164L45DB
71256L85DB	6116LA20TDB	7203L30TDB	7164L35TDB
71256L70TDB	6116LA20DB	7203L20TDB	7164L35DB
71256L70DB	6116LA150TDB	7203L20DB	7164S35DB
71256L55TDB	6116LA150DB	7202LA30TDB	7164S35TDB
71256L55DB	6116LA120TDB	7202LA30DB	7164S45DB
71256L45TDB	6116LA120DB	7202LA20TDB	7201LA80TDB
71256L45DB	5962-9576202MRA	7202LA20DB	7201LA80DB
71256L35TDB	5962-9576201MRA	7206L20DB	7201LA50TDB
71256L35DB	5962-9317703MXA	7206L30DB	7201LA50DB
71256L30DB	5962-9317702MXA	7207L20DB	7201LA30TDB
71256L25TDB	5962-9227203MXA	8403616JA	7201LA30DB
71256L25DB	6116LA55DB	8403615LA	7201LA20TDB
71256L150DB	6116LA55TDB	8403615JA	7201LA20DB
71256L120DB	6116LA70DB	8403613LA	7200L30TDB
71256L100TDB	6116SA70TDB	8403613JA	7200L20TDB
71256L100DB	6116SA70DB	8403612LA	7164S85TDB
71256S100DB	6116SA55TDB	8403612JA	7164S85DB
71256S100TDB	6116SA55DB	8403611LA	7164S70TDB
71256S25DB	6116SA45TDB	8403611JA	7164S70DB
7164L20DB	6116SA45DB	8403610LA	7164S55TDB
7164L15TDB	6116SA35TDB	8403610JA	7164S55DB
7164L150TDB	6116SA25TDB	8403609LA	7164S45TDB
7164L150DB	6116SA20TDB	8403609JA	7164L25TDB
7164L120DB	6116SA20DB	8403608LA	5962-9227201MXA
7164L100DB	6116SA150TDB	8403608JA	5962-8753102TA
71256S85TDB	6116SA150DB	7207L30DB	5962-3829416MXA
71256S85DB	6116SA120TDB	7207L25DB	5962-3829415MZA
71256S70TDB	6116SA120DB	7201SA50TDB	5962-3829415MXA
71256S70DB	6116LA90TDB	7201SA30TDB	5962-3829414MZA
71256S55TDB	6116LA90DB	7164S25TDB	5962-3829414MXA
71256S55DB	6116LA70TDB	7164S25DB	5962-3829413MZA
71256S45TDB	5962-9227202MXA	7164S20TDB	5962-3829413MXA
71256S45DB	7164L25DB	7164S20DB	5962-3829412MZA
71256S35TDB	8403616LA	7164S150TDB	5962-3829412MXA
71256S35DB	7205L30TDB	7164S120DB	5962-3829411MZA
71256S25TDB	7205L30DB	7164S100DB	5962-3829411MXA
6116SA90TDB	7205L20TDB	7164L85TDB	5962-3829410MZA
6116SA90DB	7205L20DB	7164L85DB	5962-3829410MXA
6116LA45TDB	7204L50DB	7164L70TDB	5962-3829409MZA
6116LA45DB	7204L30TDB	7164L70DB	5962-3829409MXA
6116LA35TDB	7204L30DB	7164L55TDB	5962-3829408MZA
6116LA35DB	7204L20TDB	7164L55DB	5962-3829408MXA



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Part Number	Part Number	Part Number	Part Number
5962-3829416MZA	54FCT162244CTEB	5962-9220301MRA	5962-8866201XA
5962-3829417MXA	54FCT162244ATEB	5962-9167703MYA	5962-8866201NA
5962-3829417MZA	49FCT806CTDB	5962-9167703MXA	5962-8855206XA
5962-8753101ZA	49FCT806BTDB	5962-8986305YA	5962-8855206UA
5962-8753101XA	54FCT244ATDB	5962-8986303YA	5962-8855204XA
5962-8753101TA	54FCT244CTDB	5962-8969002LA	5962-8855204UA
5962-8552513XA	54FCT244TDB	5962-8969001LA	5962-8855203XA
5962-8552512XA	5962-3829406MZA	5962-8969001JA	5962-8855203UA
5962-8552511ZA	5962-3829406MXA	5962-8966606XA	5962-8855202XA
5962-8552506ZA	54FCT574TDB	5962-9221701MRA	5962-8855202UA
5962-8552506XA	54FCT574CTDB	5962-9221702MRA	5962-8855201XA
5962-8552505ZA	54FCT574ATDB	5962-9221703MRA	5962-8855201UA
5962-8552505XA	54FCT573TDB	5962-9227102MXA	5962-8753103XA
5962-8552504ZC	54FCT573CTDB	5962-9227101MXA	5962-8866204NA
5962-8552504ZA	54FCT573ATDB	5962-9225803MXA	5962-8866204XA
5962-8552504XA	54FCT374TDB	5962-9225802MXA	5962-8866205NA
5962-8552503ZA	54FCT374CTDB	5962-9225801MXA	5962-8956806XA
5962-8552503XA	54FCT374ATDB	5962-9225703MXA	5962-8956806UA
5962-8552502XA	54FCT373TDB	5962-9225702MXA	5962-8956804XA
5962-8552501ZA	54FCT373CTDB	5962-9225701MXA	5962-8956705XA
5962-3829407MZA	54FCT373ATDB	5962-9223803MRA	5962-8953606YA
5962-3829407MXA	54FCT245TDB	5962-9223802MRA	5962-8953606XA
54FCT240TDB	54FCT245CTDB	5962-9223801MRA	5962-8953605YA
54FCT240CTDB	54FCT245ATDB	5962-9222205MRA	5962-8953605XA
54FCT240ATDB	49FCT806-1TDB	5962-9222203MRA	5962-8874002LA
54FCT16245TEB	5962-8753102XA	5962-9222201MRA	5962-8874002JA
54FCT16245CTEB	5962-9227103MXA	5962-9221806MRA	5962-8874001LA
54FCT16245ATEB	5962-9221405MRA	5962-9221804MRA	5962-8874001JA
54FCT16244TEB	5962-9221403MRA	5962-9221802MRA	5962-8866906YA
54FCT16244CTEB	5962-9221401MRA	5962-8956807XA	5962-8866905YA
54FCT16244ATEB	5962-9221305MRA	5962-8956807UA	5962-8866206XA
54FCT162245TEB	5962-9221303MRA	5962-8866203XA	5962-8866206NA
54FCT162245CTEB	5962-9221301MRA	5962-8866203NA	5962-8866205XA
54FCT162245ATEB	5962-9220303MRA	5962-8866202XA	5962-8753103TA
54FCT162244TEB	5962-9220302MRA	5962-8866202NA	