



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: A-0601-01	DATE: 21-Mar-2006	MEANS OF DISTINGUISHING CHANGED DEVICES:
Product Affected: Various products (See attached affected part # list)		<input type="checkbox"/> Product Mark <input checked="" type="checkbox"/> Back Mark Lot # will have "J" prefix <input type="checkbox"/> Date Code <input type="checkbox"/> Other
Date Effective: 19-Jun-2006		

Contact: Geoffrey Cortes	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Title: Product Quality Assurance	
Phone #: (408) 284-8321	
Fax #: (408) 284-1450	Samples: Please contact your local sales representative for sample request & availability.
E-mail: Geoffrey.Cortes@idt.com	

DESCRIPTION AND PURPOSE OF CHANGE:

<input type="checkbox"/> Die Technology <input type="checkbox"/> Wafer Fabrication Process <input type="checkbox"/> Assembly Process <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input type="checkbox"/> Testing <input checked="" type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input type="checkbox"/> Other	<p>This notification is to advise our customers that IDT has qualified AIT (Advanced Interconnect Technologies) in Batam, Indonesia as an alternate assembly facility for selective standard and green plastic packages.</p> <p>Attachment 1 outlines the qualification data Attachment 2 shows the affected part number list</p>
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RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance.

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 30 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: _____	<input type="checkbox"/> <i>Approval for shipments prior to effective date.</i>
Name/Date: _____	E-Mail Address: _____
Title: _____	Phone# /Fax# : _____

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



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PCN Type: Manufacturing Site - Alternate Assembly Location

Data Sheet Change: None
No change in moisture sensitivity levels (MSL)

Detail Of Change:

This notification is to advise our customers that IDT has qualified AIT (Advanced Interconnect Technologies) in Batam, Indonesia as an alternate assembly facility for selective standard and green packages using the assembly material set listed in the tables under each group.

There is no change in the moisture sensitivity level (MSL) as a result of this change.

Attachment 1 outlines the qualification data
Attachment 2 shows the affected part number list

Sample Availability:

Samples are already available for customer evaluation, but may not be available for all affected devices.

Please contact your local IDT sales representative for your sample request and availability.



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Qualification Information and Qualification Data:

GROUP 1:

Affected Packages: VFQFP-N
Assembly Material: See Table below

Description	Existing	Add
Assembly Location	ASAT-Hong Kong, ASAT-China	AIT-Batam, Indonesia
Assembly Material	Ablestik 2200 (DA), 1.0mil Au (Wire), EME-G770 (EMC), Copper leadframe, Sn/Pb plating (standard package) and matte 100% Sn plating (green package)	CRM1066C (DA), 1.0mil Au (Wire), EME-G770 (EMC), Copper leadframe, Sn/Pb plating (standard package) and matte 100% Sn plating (green package)

Qualification Test Results:

Test Vehicles: **72L 10x10 mm VFQFP-N (3 assembly lots)**

Test Description	Test Method	Sample Size / # of Fails	Test Results (SS/Rej)
* Temperature Cycling (Cond B, 1000 cycles)	JESD22-A104-B	45/0	45/0
* Autoclave (121°C, Saturated Steam, 168 hours)	JESD22-A102-C	45/0	45/0
High Temperature Stabilization Bake (150 °C, 1000 hours)	JESD22-A103-C	77/0	77/0

Notes: * Test requires moisture pre-conditioning sequence per JESD22-A113C.



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Test Vehicles: **72L 10x10 mm VFQFP-N (3 assembly lots)**

Test Description	Test Method	Sample Size / # of Fails	Test Results (SS/Rej)
Moisture Sensitivity Classification, L3	J-STD-020B	90/0	90/0
Internal Visual Inspection	MIL-STD-883, M2010	5/0	5/0
External Visual Inspection	JESD22-B101	25/0	25/0
X-ray Examination	MIL-STD-883, M2015	45/0	45/0
Bond Pull Test	MIL-STD-883, M2011	5/0	5/0
Solderability Test	JESD22-B102D	5/0	5/0
Bake & Ball Shear Strength	JESD22-B116	5/0	5/0
Physical Dimensions	JESD22-B100-B	5/0	5/0
Die Shear Strength	MIL-STD-883, M2019	5/0	5/0



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GROUP 2:

Affected Packages: TSSOP (48, 56, 64 leads) and PLCC (28, 44, 68, 84 leads)

Assembly Material: See Table below

Description	Existing	Add
Assembly Location	TSSOP (OSE-P, OSE-T, and ATP), PLCC (IDT-Penang, ATP, ASAT-HK)	AIT-Batam, Indonesia
Assembly Material (TSSOP)	Ablestik 8290 (DA), 1.0mil Au (Wire), EME-G700 (EMC), Copper leadframe, Sn/Pb plating (standard package) and matte 100% Sn plating (green package)	CRM1076 (DA), 1.0 mil Au (Wire), EMEG700 (green EMC), Copper leadframe, Sn/Pb plating (standard package) and matte 100% Sn plating (green package)
Assembly Material (PLCC)	Ablestik 8390/8361 (DA), 1.0mil Au (Wire), EME-G600 (EMC), Copper leadframe, Sn/Pb plating (standard package) and matte 100% Sn plating (green package)	QMI 1519 (DA), 1.3 mil Au (Wire), EME G700LX (EMC), Copper leadframe, Sn/Pb plating (standard package) and matte 100% Sn plating (green package)

Qualification Test Results:

Test Vehicle: **64L TSSOP (3 lots) and 68L PLCC**

Test Description	Test Method	Sample Size / # of Fails	Test Results (SS/Rej)
* Temperature Cycling (Cond B, 1000 cycles)	JESD22-A104-B	45/0	45/0
* Autoclave (121°C, Saturated Steam, 168 hours)	JESD22-A102-C	45/0	45/0
High Temperature Stabilization Bake (150 °C, 500 hours)	JESD22-A103-C	77/0	77/0

Notes: * Test requires moisture pre-conditioning sequence per JESD22-A113C.



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Test Vehicles: **64L TSSOP and 68L PLCC (3 assembly lots each)**

Test Description	Test Method	Sample Size / # of Fails	Test Results (SS/Rej)
Moisture Sensitivity Classification, L3	J-STD-020B	90/0	90/0
Internal Visual Inspection	MIL-STD-883, M2010	5/0	5/0
External Visual Inspection	JESD22-B101	25/0	25/0
X-ray Examination	MIL-STD-883, M2015	45/0	45/0
Bond Pull Test	MIL-STD-883, M2011	5/0	5/0
Resistance To Solvents	JESD22-B107C	3/0	3/0
Solderability Test	JESD22-B102D	5/0	5/0
Bake & Ball Shear Strength	JESD22-B116	5/0	5/0
Physical Dimensions	JESD22-B100-B	5/0	5/0
Die Shear Strength	MIL-STD-883, M2019	5/0	5/0

Tin Whisker Evaluation Test Results

Test Vehicles: **56L TSSOP and 44L PLCC (1 assembly lot each)**

Test Description	Test Condition	Test Duration	Spec Limits	Test Results (SS/Rej)
Storage Test	25°C/30% - 80% RH	0, 1000, 2000 hours	40µm max.	3/0
Aging	60°C / 90% RH	0, 1000, 2000 hours	40µm max.	3/0
Temperature Cycling	-55°C to +85°C	0, 500 cycles	40µm max.	3/0



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GROUP 3:

Affected Packages: CABGA
(100, 144, 208, and 256 balls BC/BCG packages)
(52 and 56 balls BV/BVG packages)
(48, 64, 96, 100, 144 and 208 balls BF/BFG packages)

Assembly Material: See Table below

Description	Existing	Add
Assembly Location	BC (IDT-Penang, ATP, ATK), BV (IDT-Penang, ATK, ASE-T), BF (IDT-Penang, ATP, ASE-T)	AIT-Batam, Indonesia
Assembly Material	Ablestik 2300 (DA), 1.0mil Au (Wire), EME-G770 (EMC), Sn/Pb solder balls for standard package and Sn/Ag/Cu for green package	Ablebond 2000B (DA), 1.0 mil Au (Wire), G760 (EMC), Sn/Pb solder balls for standard package and Sn/Ag/Cu for green package

Qualification Test Results:

Test Vehicle: **96L CABGA (3 assembly lots), green**

Test Description	Test Method	Sample Size / # of Fails	Test Results (SS/Rej)
* Temperature Cycling (Cond B, 1000 cycles)	JESD22-A104-B	45/0	45/0
* Autoclave (121°C, Saturated Steam, 168 hours)	JESD22-A102-C	45/0	45/0
High Temperature Stabilization Bake (150 °C, 500 hours)	JESD22-A103-C	77/0	77/0

Notes: * Test requires moisture pre-conditioning sequence per JESD22-A113C.



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Test Vehicles: **145L, 8mm CABGA (3 assembly lots), green**

Test Description	Test Method	Sample Size / # of Fails	Test Results (SS/Rej)
Moisture Sensitivity Classification, L3	J-STD-020B	90/0	90/0
Internal Visual Inspection	MIL-STD-883, M2010	5/0	5/0
External Visual Inspection	JESD22-B101	25/0	25/0
X-ray Examination	MIL-STD-883, M2015	45/0	45/0
Bond Pull Test	MIL-STD-883, M2011	5/0	5/0
Bake & Ball Shear Strength	JESD22-B116	5/0	5/0
Physical Dimensions	JESD22-B100-B	5/0	5/0
Die Shear Strength	MIL-STD-883, M2019	5/0	5/0



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Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT10206-PL84-ASM	IDT7005L15JG	IDT7006S25J	IDT7015S17J
IDT10214-PL84-ASM	IDT7005L15JI	IDT7006S35J	IDT7015S20J
IDT10215-PL84-ASM	IDT7005L17J	IDT7006S45J	IDT7015S25J
IDT10V224-PL84-ASM	IDT7005L17JI	IDT7006S55J	IDT7015S35J
IDT5T2010NLGI	IDT7005L20J	IDT7006S55JI	IDT7015S35JI
IDT5T2010NLI	IDT7005L20JG	IDT7007L15J	IDT7016L12J
IDT5T2110NLGI	IDT7005L20JGI	IDT7007L15JG	IDT7016L15J
IDT5T2110NLI	IDT7005L20JI	IDT7007L17JI	IDT7016L20J
IDT5T9070PAGI	IDT7005L25J	IDT7007L20J	IDT7016L20JI
IDT5T9070PAI	IDT7005L25JI	IDT7007L20JI	IDT7016L25J
IDT5T907PAGI	IDT7005L35J	IDT7007L25J	IDT7016L35J
IDT5T907PAI	IDT7005L35JI	IDT7007L25JI	IDT7016S12J
IDT5T915PAGI	IDT7005L45J	IDT7007L35J	IDT7016S15J
IDT5T915PAI	IDT7005L45JI	IDT7007L55J	IDT7016S20J
IDT5T929-10NLGI	IDT7005L55J	IDT7007S15J	IDT7016S25J
IDT5T929-10NLI	IDT7005L55JI	IDT7007S20J	IDT7016S35J
IDT5T929-30NLGI	IDT7005S15J	IDT7007S20JI	IDT7016S35JI
IDT5T929-30NLI	IDT7005S15JI	IDT7007S25J	IDT7024L15J
IDT5T9306NLI	IDT7005S17J	IDT7007S35J	IDT7024L15JG
IDT5T9310NLI	IDT7005S17JI	IDT7007S35JI	IDT7024L17J
IDT5T9316NLI	IDT7005S20J	IDT7007S55J	IDT7024L20J
IDT5T93GL06NLGI	IDT7005S25J	IDT7007S55JI	IDT7024L20JGI
IDT5T93GL06NLI	IDT7005S35J	IDT7008L15J	IDT7024L20JI
IDT5T93GL10NLGI	IDT7005S35JI	IDT7008L20J	IDT7024L25J
IDT5T93GL10NLI	IDT7005S45J	IDT7008L20JI	IDT7024L30J
IDT5T93GL16NLGI	IDT7005S55J	IDT7008L25J	IDT7024L35J
IDT5T93GL16NLI	IDT7005S55JI	IDT7008L35J	IDT7024L35JI
IDT5T940-10NLGI	IDT7006L15J	IDT7008L45J	IDT7024L45J
IDT5T940-10NLI	IDT7006L15JI	IDT7008L55J	IDT7024L55J
IDT5T940-30NLI	IDT7006L17J	IDT7008S15J	IDT7024L55JI
IDT5T9820NLGI	IDT7006L17JI	IDT7008S20J	IDT7024S15J
IDT5T9820NLI	IDT7006L20J	IDT7008S25J	IDT7024S15JI
IDT5T9821NLGI	IDT7006L20JI	IDT7008S35J	IDT7024S17J
IDT5T9821NLI	IDT7006L25J	IDT7008S45J	IDT7024S17JI
IDT5T9890NLGI	IDT7006L25JI	IDT7008S55J	IDT7024S20J
IDT5T9890NLI	IDT7006L35J	IDT7015L12J	IDT7024S20JI
IDT5T9891NLGI	IDT7006L45J	IDT7015L15J	IDT7024S25J
IDT5T9891NLI	IDT7006L55J	IDT7015L17J	IDT7024S25JI
IDT5T9955BFI	IDT7006L55JI	IDT7015L20J	IDT7024S30J
IDT5V9885KNLGI	IDT7006S15J	IDT7015L20JI	IDT7024S30JI
IDT5V9885NLGI	IDT7006S15JI	IDT7015L25J	IDT7024S35J
IDT5V9955BFGI	IDT7006S17J	IDT7015L35J	IDT7024S35JI
IDT5V9955BFI	IDT7006S17JI	IDT7015S12J	IDT7024S45J
IDT7005L15J	IDT7006S20J	IDT7015S15J	IDT7024S55J



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Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT7024S55JI	IDT70914S20J	IDT70T3319S133BFI	IDT70T3589S166BCI
IDT7025L15J	IDT70914S20JI	IDT70T3319S166BC	IDT70T3589S166BF
IDT7025L15JG	IDT70914S25J	IDT70T3319S166BCI	IDT70T3589S200BC
IDT7025L17J	IDT709159L6BF	IDT70T3319S166BF	IDT70T3599S133BC
IDT7025L20J	IDT709159L7BF	IDT70T3319S200BC	IDT70T3599S133BCI
IDT7025L20JGI	IDT709159L7BFI	IDT70T3339S133BC	IDT70T3599S133BF
IDT7025L20JI	IDT709159L9BF	IDT70T3339S133BCI	IDT70T3599S133BFI
IDT7025L25J	IDT709159L9BFI	IDT70T3339S133BF	IDT70T3599S166BC
IDT7025L25JI	IDT709169L6BF	IDT70T3339S133BFI	IDT70T3599S166BCI
IDT7025L30J	IDT709169L7BF	IDT70T3339S166BC	IDT70T3599S166BF
IDT7025L35J	IDT709169L7BFI	IDT70T3339S166BCI	IDT70T3599S166BFG
IDT7025L35JI	IDT709169L9BF	IDT70T3339S166BF	IDT70T3599S200BC
IDT7025L45J	IDT709169L9BFI	IDT70T3339S200BC	IDT70T3599S200BCG
IDT7025L55J	IDT709349L6BF	IDT70T3339S200BCG	IDT70T35L20BF
IDT7025L55JI	IDT709349L7BF	IDT70T3399S133BC	IDT70T35L25BF
IDT7025S15J	IDT709349L7BFI	IDT70T3399S133BCI	IDT70T35L25BFI
IDT7025S17J	IDT709349L9BF	IDT70T3399S133BF	IDT70T631S10BC
IDT7025S20J	IDT709349L9BFI	IDT70T3399S133BFI	IDT70T631S10BCI
IDT7025S25J	IDT709359L6BF	IDT70T3399S166BC	IDT70T631S10BF
IDT7025S30J	IDT709359L7BF	IDT70T3399S166BCI	IDT70T631S10BFI
IDT7025S35J	IDT709359L7BFI	IDT70T3399S166BF	IDT70T631S12BC
IDT7025S35JI	IDT709359L9BF	IDT70T3399S200BC	IDT70T631S12BCI
IDT7025S45J	IDT709359L9BFI	IDT70T34L20BF	IDT70T631S12BF
IDT7025S55J	IDT70T05L20BF	IDT70T34L25BF	IDT70T631S12BFI
IDT7025S55JI	IDT70T05L25BF	IDT70T34L25BFI	IDT70T631S15BC
IDT7026L15J	IDT70T05L25BFI	IDT70T3519S133BC	IDT70T631S15BF
IDT7026L20J	IDT70T06L20BF	IDT70T3519S133BCI	IDT70T631S8BC
IDT7026L20JI	IDT70T06L25BF	IDT70T3519S133BF	IDT70T631S8BF
IDT7026L25J	IDT70T06L25BFI	IDT70T3519S133BFI	IDT70T633S10BC
IDT7026L25JI	IDT70T15L20BF	IDT70T3519S166BC	IDT70T633S10BCI
IDT7026L35J	IDT70T15L25BF	IDT70T3519S166BCI	IDT70T633S10BF
IDT7026L55J	IDT70T15L25BFI	IDT70T3519S166BF	IDT70T633S10BFGI
IDT7026L55JI	IDT70T16L20BF	IDT70T3519S166BFG	IDT70T633S10BFI
IDT7026S15J	IDT70T16L25BF	IDT70T3519S200BC	IDT70T633S12BC
IDT7026S20J	IDT70T16L25BFI	IDT70T3539MS133BC	IDT70T633S12BCI
IDT7026S20JI	IDT70T24L20BF	IDT70T3539MS133BCG	IDT70T633S12BF
IDT7026S25J	IDT70T24L25BF	IDT70T3539MS133BCI	IDT70T633S12BFI
IDT7026S25JI	IDT70T24L25BFI	IDT70T3539MS166BC	IDT70T633S15BC
IDT7026S35J	IDT70T25L20BF	IDT70T3539MS166BCG	IDT70T633S15BF
IDT7026S55J	IDT70T25L25BF	IDT70T3589S133BC	IDT70T633S8BC
IDT7026S55JI	IDT70T25L25BFI	IDT70T3589S133BCI	IDT70T633S8BF
IDT70914S12J	IDT70T3319S133BC	IDT70T3589S133BF	IDT70T633S8BFG
IDT70914S15J	IDT70T3319S133BCI	IDT70T3589S133BFI	IDT70T651S10BC
IDT70914S15JI	IDT70T3319S133BF	IDT70T3589S166BC	IDT70T651S10BCI



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IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT70T651S10BF	IDT70T9349L12BFI	IDT70V24L15BF	IDT70V26S25JI
IDT70T651S10BFGI	IDT70T9349L7BF	IDT70V24L15J	IDT70V26S30J
IDT70T651S10BFI	IDT70T9349L9BF	IDT70V24L20BF	IDT70V26S35J
IDT70T651S12BC	IDT70T9349L9BFI	IDT70V24L20BFI	IDT70V26S45J
IDT70T651S12BCI	IDT70T9359L12BF	IDT70V24L20J	IDT70V26S55J
IDT70T651S12BF	IDT70T9359L12BFI	IDT70V24L20JI	IDT70V27L15BF
IDT70T651S12BFI	IDT70T9359L7BF	IDT70V24L25BF	IDT70V27L20BFI
IDT70T651S15BC	IDT70T9359L9BF	IDT70V24L25J	IDT70V27L25BF
IDT70T651S15BF	IDT70T9359L9BFI	IDT70V24L35J	IDT70V27L25BFI
IDT70T651S8BC	IDT70V05L15J	IDT70V24L45J	IDT70V27S15BF
IDT70T651S8BF	IDT70V05L15JG	IDT70V24L55BF	IDT70V27S20BF
IDT70T651S8BFG	IDT70V05L20J	IDT70V24L55J	IDT70V27S20BFI
IDT70T653MS10BC	IDT70V05L20JI	IDT70V24S15J	IDT70V27S25BF
IDT70T653MS10BCG	IDT70V05L25J	IDT70V24S20J	IDT70V3319S133BC
IDT70T653MS12BC	IDT70V05L35J	IDT70V24S25J	IDT70V3319S133BCI
IDT70T653MS12BCG	IDT70V05L45J	IDT70V24S35J	IDT70V3319S133BF
IDT70T653MS12BCGI	IDT70V05L55J	IDT70V24S35JI	IDT70V3319S133BFI
IDT70T653MS12BCI	IDT70V05S15J	IDT70V24S45J	IDT70V3319S166BC
IDT70T653MS15BC	IDT70V05S20J	IDT70V24S55J	IDT70V3319S166BF
IDT70T659S10BC	IDT70V05S25J	IDT70V24VL55BF	IDT70V3379S4BC
IDT70T659S10BCI	IDT70V05S35J	IDT70V24VL55BFI	IDT70V3379S4BCG
IDT70T659S10BF	IDT70V05S45J	IDT70V25L15BF	IDT70V3379S4BF
IDT70T659S10BFGI	IDT70V05S55J	IDT70V25L15J	IDT70V3379S5BC
IDT70T659S10BFI	IDT70V06L15J	IDT70V25L20BF	IDT70V3379S5BCI
IDT70T659S12BC	IDT70V06L20J	IDT70V25L20J	IDT70V3379S5BF
IDT70T659S12BCI	IDT70V06L20JI	IDT70V25L20JI	IDT70V3379S5BFI
IDT70T659S12BF	IDT70V06L25J	IDT70V25L25BF	IDT70V3379S6BC
IDT70T659S12BFI	IDT70V06L35J	IDT70V25L25J	IDT70V3379S6BF
IDT70T659S15BC	IDT70V06L45J	IDT70V25L35J	IDT70V3389S4BC
IDT70T659S15BF	IDT70V06L55J	IDT70V25L45J	IDT70V3389S4BCG
IDT70T659S8BC	IDT70V06S15J	IDT70V25L55J	IDT70V3389S4BF
IDT70T659S8BF	IDT70V06S20J	IDT70V25S15J	IDT70V3389S5BC
IDT70T659S8BFG	IDT70V06S25J	IDT70V25S20J	IDT70V3389S5BCI
IDT70T9159L12BF	IDT70V06S35J	IDT70V25S25J	IDT70V3389S5BF
IDT70T9159L12BFI	IDT70V06S45J	IDT70V25S35J	IDT70V3389S5BFI
IDT70T9159L7BF	IDT70V06S55J	IDT70V25S45J	IDT70V3389S6BC
IDT70T9159L9BF	IDT70V07L25J	IDT70V25S55J	IDT70V3389S6BF
IDT70T9159L9BFI	IDT70V07L25JI	IDT70V26L25J	IDT70V3399S133BC
IDT70T9169L12BF	IDT70V07L35J	IDT70V26L25JI	IDT70V3399S133BCI
IDT70T9169L12BFI	IDT70V07L55J	IDT70V26L30J	IDT70V3399S133BF
IDT70T9169L7BF	IDT70V07S20J	IDT70V26L35J	IDT70V3399S133BFI
IDT70T9169L9BF	IDT70V07S25J	IDT70V26L45J	IDT70V3399S166BC
IDT70T9169L9BFI	IDT70V07S35J	IDT70V26L55J	IDT70V3399S166BF
IDT70T9349L12BF	IDT70V07S55J	IDT70V26S25J	IDT70V3569S4BC



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: A-0601-01

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT70V3569S4BF	IDT70V5378S100BCI	IDT70V657S15BCG	IDT70V7399S133BC
IDT70V3569S4BFG	IDT70V5378S133BC	IDT70V657S15BCI	IDT70V7399S133BCI
IDT70V3569S5BC	IDT70V5378S133BCI	IDT70V657S15BF	IDT70V7399S133BF
IDT70V3569S5BCI	IDT70V5378S166BC	IDT70V658S10BC	IDT70V7399S133BFI
IDT70V3569S5BF	IDT70V5378S166BCI	IDT70V658S10BF	IDT70V7399S166BC
IDT70V3569S5BFG	IDT70V5378S200BC	IDT70V658S10BFG	IDT70V7399S166BCI
IDT70V3569S5BFI	IDT70V5388S100BC	IDT70V658S12BC	IDT70V7399S166BF
IDT70V3569S6BC	IDT70V5388S100BCI	IDT70V658S12BCI	IDT70V7399S200BC
IDT70V3569S6BCI	IDT70V5388S133BC	IDT70V658S12BF	IDT70V7519S133BC
IDT70V3569S6BF	IDT70V5388S133BCI	IDT70V658S12BFGI	IDT70V7519S133BCI
IDT70V3569S6BFG	IDT70V5388S166BC	IDT70V658S12BFI	IDT70V7519S133BF
IDT70V3579S4BC	IDT70V5388S166BCI	IDT70V658S15BC	IDT70V7519S133BFI
IDT70V3579S4BF	IDT70V5388S200BC	IDT70V658S15BF	IDT70V7519S166BC
IDT70V3579S5BC	IDT70V5388S200BCG	IDT70V658S15BFG	IDT70V7519S166BCI
IDT70V3579S5BCI	IDT70V631S10BC	IDT70V658S15BFI	IDT70V7519S166BF
IDT70V3579S5BF	IDT70V631S10BF	IDT70V659S10BC	IDT70V7519S200BC
IDT70V3579S5BFI	IDT70V631S10BFG	IDT70V659S10BCG	IDT70V7599S133BC
IDT70V3579S6BC	IDT70V631S12BC	IDT70V659S10BF	IDT70V7599S133BCI
IDT70V3579S6BCI	IDT70V631S12BCI	IDT70V659S12BC	IDT70V7599S133BF
IDT70V3579S6BF	IDT70V631S12BF	IDT70V659S12BCI	IDT70V7599S133BFI
IDT70V3579S6BFI	IDT70V631S12BFGI	IDT70V659S12BF	IDT70V7599S166BC
IDT70V3589S133BC	IDT70V631S12BFI	IDT70V659S12BFGI	IDT70V7599S166BCI
IDT70V3589S133BCI	IDT70V631S15BC	IDT70V659S12BFI	IDT70V7599S166BF
IDT70V3589S133BF	IDT70V631S15BF	IDT70V659S15BC	IDT70V7599S200BC
IDT70V3589S133BFI	IDT70V639S10BC	IDT70V659S15BCG	IDT70V9159L6BF
IDT70V3589S150BF	IDT70V639S10BCG	IDT70V659S15BF	IDT70V9159L7BF
IDT70V3589S166BC	IDT70V639S10BF	IDT70V7319S133BC	IDT70V9159L7BFI
IDT70V3589S166BF	IDT70V639S12BC	IDT70V7319S133BCI	IDT70V9159L9BF
IDT70V3589S166BFG	IDT70V639S12BCI	IDT70V7319S133BF	IDT70V9159L9BFI
IDT70V3589S200BC	IDT70V639S12BF	IDT70V7319S133BFI	IDT70V9169L6BF
IDT70V3599S100BC	IDT70V639S12BFGI	IDT70V7319S166BC	IDT70V9169L7BF
IDT70V3599S100BF	IDT70V639S12BFI	IDT70V7319S166BCI	IDT70V9169L7BFI
IDT70V3599S133BC	IDT70V639S15BC	IDT70V7319S166BF	IDT70V9169L9BF
IDT70V3599S133BCI	IDT70V639S15BF	IDT70V7319S200BC	IDT70V9169L9BFI
IDT70V3599S133BF	IDT70V657S10BC	IDT70V7339S133BC	IDT70V9349L6BF
IDT70V3599S133BFG	IDT70V657S10BCG	IDT70V7339S133BCI	IDT70V9349L7BF
IDT70V3599S133BFGI	IDT70V657S10BF	IDT70V7339S133BF	IDT70V9349L7BFI
IDT70V3599S133BFI	IDT70V657S10BFG	IDT70V7339S133BFG	IDT70V9349L9BF
IDT70V3599S150BF	IDT70V657S12BC	IDT70V7339S133BFI	IDT70V9349L9BFI
IDT70V3599S166BC	IDT70V657S12BCI	IDT70V7339S166BC	IDT70V9359L6BF
IDT70V3599S166BF	IDT70V657S12BF	IDT70V7339S166BCI	IDT70V9359L7BF
IDT70V3599S200BF	IDT70V657S12BFGI	IDT70V7339S166BF	IDT70V9359L7BFI
IDT70V3599S66BC	IDT70V657S12BFI	IDT70V7339S166BFG	IDT70V9359L9BF
IDT70V5378S100BC	IDT70V657S15BC	IDT70V7339S200BC	IDT70V9359L9BFI



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: A-0601-01

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT7133LA20J	IDT7143SA90J	IDT72225LB25JI	IDT7285L20PA
IDT7133LA20JG	IDT71T016SA12BF	IDT72235LB10J	IDT728980J
IDT7133LA25J	IDT71T016SA12BFI	IDT72235LB15J	IDT728981J
IDT7133LA25JG	IDT71T016SA15BF	IDT72235LB15JI	IDT728985J
IDT7133LA25JGI	IDT71T016SA15BFI	IDT72235LB25J	IDT7290820J
IDT7133LA25JI	IDT71T016SA20BF	IDT72235LB25JI	IDT7290820JG
IDT7133LA35J	IDT71T016SA20BFI	IDT72245LB10J	IDT72V2103L6BC
IDT7133LA35JI	IDT71V016SA10BF	IDT72245LB15J	IDT72V2103L7-5BC
IDT7133LA45J	IDT71V016SA10BFG	IDT72245LB15JI	IDT72V2103L7-5BCI
IDT7133LA45JI	IDT71V016SA10BFGI	IDT72245LB25J	IDT72V2113L6BC
IDT7133LA55J	IDT71V016SA10BFI	IDT72245LB25JI	IDT72V2113L7-5BC
IDT7133LA55JI	IDT71V016SA12BF	IDT72605L20J	IDT72V2113L7-5BCI
IDT7133LA70J	IDT71V016SA12BF1	IDT72605L25J	IDT72V223L6BC
IDT7133LA70JI	IDT71V016SA12BFG	IDT72605L35J	IDT72V223L7-5BC
IDT7133LA90J	IDT71V016SA12BFG1	IDT72605L50J	IDT72V223L7-5BCI
IDT7133LA90JI	IDT71V016SA12BFGI	IDT72615L20J	IDT72V233L6BC
IDT7133SA20J	IDT71V016SA12BFI	IDT72615L25J	IDT72V233L7-5BC
IDT7133SA20JG	IDT71V016SA15BF	IDT72615L35J	IDT72V233L7-5BCI
IDT7133SA25J	IDT71V016SA15BF1	IDT72615L50J	IDT72V243L6BC
IDT7133SA25JG	IDT71V016SA15BFG	IDT7280L12PA	IDT72V243L7-5BC
IDT7133SA25JI	IDT71V016SA15BFGI	IDT7280L15PA	IDT72V243L7-5BCI
IDT7133SA35J	IDT71V016SA15BFI	IDT7280L15PAI	IDT72V253L6BC
IDT7133SA35JG	IDT71V016SA20BF	IDT7280L20PA	IDT72V253L6BCG
IDT7133SA35JI	IDT71V016SA20BF1	IDT7281L12PA	IDT72V253L7-5BC
IDT7133SA45J	IDT71V016SA20BFG	IDT7281L15PA	IDT72V253L7-5BCI
IDT7133SA45JI	IDT71V016SA20BFGI	IDT7281L15PAI	IDT72V263L6BC
IDT7133SA55J	IDT71V016SA20BFI	IDT7281L20PA	IDT72V263L7-5BC
IDT7133SA55JI	IDT71V30L90BF	IDT7282L12PA	IDT72V263L7-5BCI
IDT7133SA70J	IDT71V30VL90BF	IDT7282L12PAG	IDT72V273L6BC
IDT7133SA70JG	IDT72103L35JI	IDT7282L15PA	IDT72V273L7-5BC
IDT7133SA70JI	IDT72205LB10J	IDT7282L15PAI	IDT72V273L7-5BCI
IDT7133SA90J	IDT72205LB15J	IDT7282L20PA	IDT72V283L6BC
IDT7133SA90JI	IDT72205LB15JI	IDT7283L12PA	IDT72V283L7-5BC
IDT7143LA20J	IDT72205LB25J	IDT7283L15PA	IDT72V283L7-5BCI
IDT7143LA25J	IDT72205LB25JI	IDT7283L15PAGI	IDT72V293L6BC
IDT7143LA25JI	IDT72215LB10J	IDT7283L15PAI	IDT72V293L7-5BC
IDT7143LA35J	IDT72215LB15J	IDT7283L20PA	IDT72V293L7-5BCI
IDT7143LA55J	IDT72215LB15JI	IDT7284L12PA	IDT72V71623BC
IDT7143LA90J	IDT72215LB25J	IDT7284L15PA	IDT72V71643BC
IDT7143SA20J	IDT72215LB25JI	IDT7284L15PAI	IDT72V81L15PA
IDT7143SA25J	IDT72225LB10J	IDT7284L20PA	IDT72V81L15PAG
IDT7143SA25JI	IDT72225LB15J	IDT7285L12PA	IDT72V81L20PA
IDT7143SA35J	IDT72225LB15JI	IDT7285L15PA	IDT72V81L20PAG
IDT7143SA55J	IDT72225LB25J	IDT7285L15PAI	IDT72V81L20PAI



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: A-0601-01

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT72V82L15PA	IDT74ALVCH16501PA	IDT74FCT16244ATPA	IDT74FCT16374CTPA
IDT72V82L20PA	IDT74ALVCH16721PA	IDT74FCT16244ATPAG	IDT74FCT16374CTPAG
IDT72V83L15PA	IDT74ALVCH16823PA	IDT74FCT16244CTPA	IDT74FCT16374ETPA
IDT72V83L15PAG	IDT74ALVCH16863PA	IDT74FCT16244CTPAG	IDT74FCT16374ETPAG
IDT72V83L20PA	IDT74ALVCH16863PAG	IDT74FCT16245ATPA	IDT74FCT163827APA
IDT72V84L15PA	IDT74ALVCH16901PA	IDT74FCT16245ATPAG	IDT74FCT163827CPA
IDT72V84L15PAG	IDT74ALVCH16903PA	IDT74FCT16245CTPA	IDT74FCT164245TPA
IDT72V84L20PA	IDT74ALVCH32244BF	IDT74FCT16245CTPAG	IDT74FCT164245TPAG
IDT72V85L15PA	IDT74ALVCH32245BF	IDT74FCT16245ETPA	IDT74FCT16501ATPA
IDT72V85L20PA	IDT74ALVCH32245BFG	IDT74FCT16245ETPAG	IDT74FCT16501ATPAG
IDT72V8980J	IDT74ALVCH32374BF	IDT74FCT162501ATPA	IDT74FCT16501CTPA
IDT72V8981J	IDT74ALVCH32374BFG	IDT74FCT162501CTPA	IDT74FCT16501CTPAG
IDT72V8985J	IDT74ALVCHR162245PA	IDT74FCT162511ATPA	IDT74FCT16543ATPA
IDT72V90823BC	IDT74ALVCHR162245PAG	IDT74FCT162511CTPA	IDT74FCT16543ATPAG
IDT72V90823J	IDT74ALVCHR16601PA	IDT74FCT162823ATPA	IDT74FCT16543CTPA
IDT72V90823JG	IDT74ALVCHR16601PAG	IDT74FCT162823CTPA	IDT74FCT16543CTPAG
IDT74ALVC162244PA	IDT74AUOCR16245BVI	IDT74FCT162827ATPA	IDT74FCT16543ETPA
IDT74ALVC162244PAG	IDT74AUOCR16245PAI	IDT74FCT162827ATPAG	IDT74FCT16952ATPA
IDT74ALVC162245PA	IDT74CBTLV16210PA	IDT74FCT162827CTPA	IDT74FCT16952CTPA
IDT74ALVC162245PAG	IDT74CBTLV16211PA	IDT74FCT162827CTPAG	IDT74FCT16952ETPA
IDT74ALVC162334PA	IDT74CBTLV16211PAG	IDT74FCT162H245ATPA	IDT74FCT388915T100J
IDT74ALVC162334PAG	IDT74CBTLV16212PA	IDT74FCT162H245CTPA	IDT74FCT388915T133J
IDT74ALVC16244APA	IDT74CBTLV16212PAG	IDT74FCT163244APA	IDT74FCT388915T150J
IDT74ALVC16244APAG	IDT74CBTLV16245PA	IDT74FCT163244APAG	IDT74FCT388915T70J
IDT74ALVC16245PA	IDT74CBTLV16292PA	IDT74FCT163244CPA	IDT74FCT388915TBJG
IDT74ALVC16245PAG	IDT74CBTLV16292PAG	IDT74FCT163244CPAG	IDT74FCT388915TTCJG
IDT74ALVC164245PA	IDT74CBTLV16800PA	IDT74FCT163245APA	IDT74FCT388915TDCJG
IDT74ALVC164245PAG	IDT74CBTLV16800PAG	IDT74FCT163245APAG	IDT74FCT388915TEJG
IDT74ALVCF162835APA	IDT74FCT162244ATPA	IDT74FCT163245CPA	IDT74FCT88915TT100J
IDT74ALVCF162835APAG	IDT74FCT162244ATPAG	IDT74FCT163245CPAG	IDT74FCT88915TT133J
IDT74ALVCH162244PA	IDT74FCT162244CTPA	IDT74FCT163344APA	IDT74FCT88915TT55J
IDT74ALVCH162244PAG	IDT74FCT162244CTPAG	IDT74FCT163344CPA	IDT74FCT88915TT70J
IDT74ALVCH162245PA	IDT74FCT162244ETPA	IDT74FCT163373APA	IDT74FCT88915TTAJG
IDT74ALVCH162245PAG	IDT74FCT162244ETPAG	IDT74FCT163373APAG	IDT74FCT88915TTBJG
IDT74ALVCH162373PA	IDT74FCT162245ATPA	IDT74FCT163373CPA	IDT74FCT88915TTTCJG
IDT74ALVCH162373PAG	IDT74FCT162245ATPAG	IDT74FCT163373CPAG	IDT74FCT88915TTDCJG
IDT74ALVCH162374PA	IDT74FCT162245CTPA	IDT74FCT163374APA	IDT74FST163244PA
IDT74ALVCH162374PAG	IDT74FCT162245CTPAG	IDT74FCT163374APAG	IDT74FST163245PA
IDT74ALVCH16244PA	IDT74FCT162373ATPA	IDT74FCT163374CPA	IDT74FST163245PAG
IDT74ALVCH16244PAG	IDT74FCT162373CTPA	IDT74FCT163374CPAG	IDT74FST1632861PA
IDT74ALVCH16245PA	IDT74FCT162373ETPA	IDT74FCT16373ATPA	IDT74FST1632861PAG
IDT74ALVCH16245PAG	IDT74FCT162374ATPA	IDT74FCT16373CTPA	IDT74FST32XL2384PA
IDT74ALVCH16260PA	IDT74FCT162374CTPA	IDT74FCT16374ATPA	IDT74FST32XL2384PAG
IDT74ALVCH162820PA	IDT74FCT162374ETPA	IDT74FCT16374ATPAG	IDT74FST32XL384PA



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: A-0601-01

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT74LVC162244APA	IDT74SSTU32864CBFG	IDT77V400S156BC	IDTCSPU877BVG
IDT74LVC162244APAG	IDT74SSTU32864DBF	IDT77V400S156BCG	IDTCSPU877DBVG
IDT74LVC162245APA	IDT74SSTU32864DBFG	IDT77V500S25BC	IDTCSPU877DNLG
IDT74LVC162245APAG	IDT74SSTU32864GBFG	IDT79R3041-20J	IDTCSPUA877ABVG
IDT74LVC16244APA	IDT74SSTU32864HBF	IDT79R3041-20JG	IDTCSPUA877BVG
IDT74LVC16244APAG	IDT74SSTU32864HBFG	IDT79R3041-25J	IDTCSPUA878BVG
IDT74LVC16245APA	IDT74SSTU32864MBFG	IDT79R3041-25JG	IDTCSPUE877BVG
IDT74LVC16245APAG	IDT74SSTU32866BBFG	IDT79R3041-33J	IDTCV110JPA
IDT74LVC16344APA	IDT74SSTUA32864BFG	IDT79R3041-33JG	IDTCV110NPAG
IDT74LVC16344APAG	IDT74SSTUA32866ABFG	IDT79RC32H434-266BC	IDTCV111IPA
IDT74LVC16373APA	IDT74SSTUA32866BBFG	IDT79RC32H434-266BCG	IDTCV111IPAG
IDT74LVC16373APAG	IDT74SSTUA32866BF	IDT79RC32H434-266BCG	IDTCV125PA
IDT74LVC16374APA	IDT74SSTUA32866BFG	IDT79RC32H434-266BCI	IDTCV125PAG
IDT74LVC16501APA	IDT74SSTUA32866CBFG	IDT79RC32H434-300BC	IDTCV126PA
IDT74LVC16501APAG	IDT74SSTUA32866MBFG	IDT79RC32H434-300BCG	IDTCV126PAG
IDT74LVC16601APA	IDT74SSTUB32864ABFG	IDT79RC32H434-300BCG	IDTCV128PA
IDT74LVC16823APA	IDT74SSTUB32866ABFG	IDT79RC32H434-300BCI	IDTCV128PAG
IDT74LVC16827APA	IDT74SSTUE32864CBFG	IDT79RC32H434-350BC	IDTCV133PA
IDT74LVC16827APAG	IDT74SSTUE32864DBFG	IDT79RC32H434-350BCG	IDTCV133PAG
IDT74LVCH162244APA	IDT74SSTUE32864GBFG	IDT79RC32H434-350BCG	IDTCV136PA
IDT74LVCH162244APAG	IDT74SSTUE32864HBFG	IDT79RC32H434-350BCI	IDTCV136PAG
IDT74LVCH162245APA	IDT74SSTUE32866HBFG	IDT79RC32H434-400BC	IDTCV137PA
IDT74LVCH162245APAG	IDT74SSTV16857PA	IDT79RC32H434-400BCG	IDTCV137PAG
IDT74LVCH162373APA	IDT74SSTV16857PAG	IDT79RC32T336-150BC	IDTCV139PAG
IDT74LVCH162374APA	IDT74SSTV16859NLG	IDT79RC32T365-150BC	IDTCV140PA
IDT74LVCH16244APA	IDT74SSTV16859PA	IDT79RC32T365-150BCG	IDTCV140PAG
IDT74LVCH16244APAG	IDT74SSTV16859PAG	IDT79RC32T365-150BCG	IDTCV141PA
IDT74LVCH16245APA	IDT74SSTVF16857PAG	IDT79RC32T365-150BCI	IDTCV141PAG
IDT74LVCH16245APAG	IDT74SSTVF16859NLG	IDT79RV3041-20J	IDTCV142PA
IDT74LVCH16373APA	IDT74SSTVF16859PAG	IDT82V1671AJ	IDTCV142PAG
IDT74LVCH16373APAG	IDT74SSTVN16859CNLG	IDT82V1671J	IDTCV144PA
IDT74LVCH16374APA	IDT74SSTVN16859CPAG	IDT82V3288BC	IDTCV144PAG
IDT74LVCH16374APAG	IDT74SSTVN16859NLG	IDT98ULPA877AHLF	IDTCV145NLG
IDT74LVCH16543APA	IDT74SSTVN16859PAG	IDTCSPT857ABV	IDTCV147PAG
IDT74LVCH16543APAG	IDT75N414S100BC	IDTCSPT857APA	IDTCV149PA
IDT74LVCH16646APA	IDT75N414S125BC	IDTCSPT857CBVG	IDTCV149PAG
IDT74LVCH32245ABF	IDT75N43102S50BC	IDTCSPT857CNLG	IDTCV150NLG
IDT74LVCHR162245APA	IDT75N43102S50BCG	IDTCSPT857CPA	IDTCV153NLG
IDT74LVCHR162245APAG	IDT75N43102S50BCGI	IDTCSPT857CPAG	IDTCV154PAG
IDT74LVCHR16646APA	IDT75N43102S50BCI	IDTCSPT857DBVG	IDTCV155NLG
IDT74LVCR162245APA	IDT75N43102S62BC	IDTCSPT857DNLG	IDTCV161PAG
IDT74LVCR162245APAG	IDT75N43102S62BCG	IDTCSPT857DPAG	IDTCV163PAG
IDT74SSTU32864ABFG	IDT75N514S100BC	IDTCSPU877ABVG	IDTCV164NLG
IDT74SSTU32864BFG	IDT75N514S125BC	IDTCSPU877ANLG	IDTCV168NLG



Integrated Device Technology, Inc.
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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: A-0601-01

Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDTCV169NLG	IDTQS3VH16211PAG	IDTQS3VH16245PAG	IDTQS5917T-132TJ
IDTCV170PAG	IDTQS3VH16212PA	IDTQS3VH16800PA	IDTQS5917T-70TJ
IDTCV171NLG	IDTQS3VH16212PAG	IDTQS3VH16800PAG	IDTQS5LV919-100J
IDTCV174PAG	IDTQS3VH16233PA	IDTQS3VH16861PA	IDTQS5LV919-100JG
IDTCV175PAG	IDTQS3VH16233PAG	IDTQS3VH16861PAG	IDTQS5LV919-133J
IDTNW1506AL	IDTQS3VH16244PA	IDTQS3VH16862PA	IDTQS5LV919-133JG
IDTQS3VH16210PA	IDTQS3VH16244PAG	IDTQS3VH16862PAG	IDTQS5LV919-160J
IDTQS3VH16210PAG	IDTQS3VH16245PA	IDTQS5917T-100TJ	IDTQS5LV919-160JG
IDTQS3VH16211PA			