



Integrated Device Technology, Inc.
2975 Stender Way, Santa Clara, CA - 95054

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT - PCN #: L0203-09R3

PCN Type: Process Technology Change & Fab Site Change

Data Sheet Change: None

Detail of Change: PCN # L0203-09 was previously issued on 4/15/02 to notify customers about upgrading the Fabrication Process Technologies on selected Logic products, and transfer wafer fab production from Salinas, California (Fab 2) to Hillsboro, Oregon (Fab 4). There is no change in data sheet specifications.

Revision 1: The products listed in the column labeled "Revised Status" are affected by the PCN as follow:

- i. Three devices will be discontinued in October 2003 per PDN # L-02-04 due to declined market.
- ii. Selected products that were previously specified as KB will be transferred to PB stepping.
- iii. Selected products that were previously specified as KB will be transferred to Z stepping
- iv. Selected products that are on hold due to existing inventory.

Revision 2:

- i. Selected products that were listed on hold per PCN # L0203-09R1 will not be transferred to Fab 4 due to sufficient existing Fab 2 inventory.
- ii. Selected products will be transferred to stepping "Z" in addition to stepping "PB". The changes are highlighted in the revised status column.

Revision 3:

- i. Added device IDT49FCT806

Part Number	Old Stepping (Fab 2)	New Stepping (Fab 4)	Revised Status
IDT74FCT139T	K	KB	Z
IDT74FCT2244T	K	KB	Z
IDT74FCT2245T	K	KB	Z
IDT74FCT2373T	K	KB	Z
IDT74FCT2374T	K	KB	Z
IDT74FCT240T	K, P	PB	PB
IDT74FCT244T	K, P	PB	PB, Z
IDT74FCT245T	K, P	PB	PB, Z
IDT74FCT3244	K	KB	PB, Z
IDT74FCT3245	K	KB	PB, Z
IDT74FCT3573	K	KB	Z



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Part Number	Old Stepping (Fab 2)	New Stepping (Fab 4)	Revised Status
IDT74FCT373T	K, P	PB	PB
IDT74FCT374T	K, P	PB	PB
IDT74FCT377T	K, P	PB	PB
IDT74FCT521	K	KB	Z
IDT74FCT521T	K	KB	PB, Z
IDT74FCT540T	K, P	PB	PB
IDT74FCT573T	K, P	PB	PB
IDT74FCT574T	K, P	PB	PB
IDT74FCT652T	H, P	PB	PB
IDT74FCT823T	H, P	PB	PB
IDT74FCT543T	H, P	PB	PB
IDT49FCT805	K	KB	Z
IDT49FCT806	K	Z	Z
IDT74FCT157T	P	PB	PB
IDT74FCT257T	P	PB	PB
IDT49FCT3805	P	PB	PB
IDT49FCT805T	P	PB	Z
IDT74FCT3807	P	PB	PB
IDT74FCT807T	P	PB	PB
IDT74FCT162240T	L, LZ Z, L,	LB	LB
IDT74FCT162244T	LZ, LZE	LB	LB
IDT74FCT162245T	L	LB	LB
IDT74FCT162373T	L, LZE	LB	LB
IDT74FCT162374T	L, LZE, Z	LB	LB
IDT74FCT16240T	L	LB	LB
IDT74FCT16244T	L	LB	LB

Part Number	Old Stepping (Fab 2)	New Stepping (Fab 4)	Revised Status
IDT74FCT16245T	L	LB	LB
IDT74FCT162H244T	L	LB	LB
IDT74FCT162H245T	L, LZ	LB	LB
IDT74FCT16373T	L, LZ	LB	LB
IDT74FCT16374T	L, LZ, Z	LB	LB
IDT74FCT166244T	L	LB	LB
IDT74FCT166245T	L	LB	LB
IDT74FST163209	D	DB	DB
IDT74FST163210	D	DB	L-02-04
IDT74FST163211	D	DB	DB
IDT74FST163212	D	DB	DB
IDT74FST163214	D	DB	DB
IDT74FST163232	D	DB	DB
IDT74FST163233	D	DB	DB
IDT74FST1632383	D	DB	DB
IDT74FST163244	D	DB	DB
IDT74FST163245	D	DB	DB
IDT74FST1632861	D	DB	DB
IDT74FST163292	D	DB	L-02-04
IDT74FST163383	D	DB	L-02-04
IDT74FST1632861	D	DB	DB
IDT74FST163P245	D	DB	DB
IDT74FST32XL2384	D	DB	DB
IDT74FST32XL384	D	DB	DB
IDT 74FST6800	F	FB	FB
IDT74FCT162260T	N	NB	NB



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Part Number	Old Stepping (Fab 2)	New Stepping (Fab 4)	Revised Status
IDT74FCT162344T	N	NB	NB
IDT74FCT162500T	N	NB	NB
IDT74FCT162501T	N	NB	NB
IDT74FCT162511T	N	NB	NB
IDT74FCT162543T	N	NB	NB
IDT74FCT162601T	N	NB	NB
IDT74FCT16260T	N, NE	NB	NB
IDT74FCT162646T	N	NB	NB
IDT74FCT162652T	N	NB	NB
IDT74FCT162701T	N	NB	NB
IDT74FCT162823T	N	NB	NB
IDT74FCT162827T	N	NB	NB
IDT74FCT162841T	N	NB	NB
IDT74FCT162952T	N	NB	NB
IDT74FCT162H272T	N	NB	NB

Part Number	Old Stepping (Fab 2)	New Stepping (Fab 4)	Revised Status
IDT74FCT162H501T	N	NB	NB
IDT74FCT162H952T	N	NB	NB
IDT74FCT164245T	N	NB	NB
IDT74FCT16500T	N	NB	NB
IDT74FCT16501T	N	NB	NB
IDT74FCT16543T	N, NE	NB	NB
IDT74FCT16601T	N	NB	NB
IDT74FCT16646T	N	NB	NB
IDT74FCT16652T	N	NB	NB
IDT74FCT16823T	N	NB	NB
IDT74FCT16827T	N	NB	NB
IDT74FCT16841T	N	NB	NB
IDT74FCT16952T	N	NB	NB
IDT74FCT388915T	N	NB	NB
IDT74FCT88915TT	N	NB	NB

Qualification Plans: Following reliability tests were performed per product family and the qualification test results are as follows:

	Required Sample/ # Fails	Qual Test Results Sample/ # Fails
Operating Life Test: Dynamic (1000 hrs @ 125°C or equivalent)	116/0	116/0
Bake & Ballshear Test (@ 200°C / 4 ball bonds per device)	5/0	5/0
Temperature Cycling: (-65°C to +150°C, 500 cycles)	45/0	45/0
HAST: (Biased, 100 Hrs. @ +130°C, +85%RH)	45/0	45/0
ESD Human Body Model	3/0	3/0
ESD Charged Device Model	3/0	3/0
ESD Machine Model	3/0	3/0
Latch up: (Tested to 1.5X Vcc)	10/0	10/0

Characterization Data:
Characterization data is available upon request.