

DESIGN/PROCESS CHANGE NOTIFICATION -- FINAL

On Thursday, March 26, 2009 Fairchild made the following announcement, "The company will close its wafer fabrication plant in Mountaintop, PA leading to a closure of the site, and one of its wafer fabs in Bucheon, South Korea. These actions are consistent with the company's ongoing cost reduction strategy, and the need to align manufacturing capacity with end demand. Most products currently made at the Mountaintop, PA site will be transferred to other internal sites. A small office will be maintained for technology and product line functions in the Mountaintop area. The South Korea site will close its four-inch line and transfer associated manufacturing to its five and six-inch wafer fabs. Fairchild will work closely with customers during the process to ensure a seamless transition." The impacted Fairchild products grouped according to the PCN will be included and can be found at the following link. This list is subject to change and will be updated prior to issuing any final PCNs. The Mt Top and AB wafer fabrication facilities are being completely shut down. As a result, it is very important that the change notifications be addressed promptly when received to minimize potential for disruption in product shipments beyond the 90 day notification period. If your evaluation will require more than 90 days, it is recommended that you place orders for inventory in an amount that is sufficient of to support your manufacturing needs during the evaluation period. We would like to caution you not to wait until the last moment to place any necessary orders as we may not be able to guarantee delivery of requested products if we do not receive your buy order in a timely fashion. Please contact your local Sales Representative or Customer Quality Engineer at your earliest convenience if you have any questions about this change or will need any specific product samples or data to complete your evaluation.

This is to inform you that a design and/or process change will be made to the following product(s). This notification is for your information and concurrence.

If you require data or samples to qualify this change, please contact **Fairchild Semiconductor within 30 days of receipt of this notification.**

Updated process quality documentation, such as FMEAs and Control Plans, are available for viewing upon request.

If you have any questions concerning this change, please contact:

Technical Contact:

Name: Lumauag, Roselle
E-mail: roselle.lumauag@fairchildsemi.com
Phone: 6332-3400534

PCN Originator:

Name: Burns, Mark
E-mail: mark.burns@fairchildsemi.com
Phone: 207-775-8641

Implementation of change:

Expected 1st Device Shipment Date: 2009/12/28

Earliest Year/Work Week of Changed Product: 1001

Change Type Description: Alternate Fab Location, Wafer Diameter

Description of Change (From): Closure of the Bucheon, Korea 4-inch fab and Phenitec 4-inch fab

Description of Change (To): Transfer to Bucheon, Korea 5-inch and Phenitec 5-inch

Reason for Change : Fab Closures.

Qual/REL Plan Numbers : Q20090478

Complete reliability qualification results located at the URL below.

Qualification :

http://www.fairchildsemi.com/pcn/PCN/2009/AB_Reliability.pdf

Change To

Transfer FROM	Transfer TO
Bucheon, Korea 4-inch	Bucheon, Korea 5-inch
Bucheon, Korea 4-inch	Phenitex 5-inch
Phenitex 4-inch	Phenitex 5-inch

Results/Discussion for Qual Plan Number Q20090478

Test: (High Temperature Reverse Bias) Conditions: 125C, 1360V Standard: JESD22-A108						
Lot	Device	168-HOURS	300-HOURS	500-HOURS	1000-HOURS	Failure Code
Q20090478AAHTRB	FJL6920TU	0/77				
			0/77			
				0/77		
					0/77	
Q20090478ABHTRB		0/77				
			0/77			
				0/77		
					0/77	
Q20090478ACHTRB		0/77				
			0/77			
				0/77		
					0/77	

Product Id Description : Closure of the 4-inch Fab in Bucheon, Korea and Phenitex 4-inch

Affected FSIDs :

0332_B03005A	0592_X05229A	0599_X05178B
0685_2N7053	0692_X06003C	0692_X06037B
0699_M06041C	0699_X06040F	0785_2N3117
0785_MMBT2484	1049_B10209A	1085_MMBT100A
1085_PN100A	1094_X10063A	1285_2N3700
1285_TN3019A	1649_B16063A	1685_2N5551
1985_2N2222A	1985_MBT2222A	1985_PN2222A
1H85_D1H001C	1H85_MMBD3070	1J85_BAV21
1L85_D1L001A	1L85_D1L004A	1L85_MMBD459A
1L85_SM1L006	1L86_M1L004A	1MD2_FDH3369C
1P85_1N4148	1P85_D1P001D	1P85_D1P012A
1P85_MMBD4148	1P85_MMBD4448	1P86_CL1P008A
1T85_D1T001B	2185_MBT2369A	2285_MMBT3646
2385_MMBT3904	2385_SD23297	2392_X23211C
2647_B26001A	2G49_B2G005A	2K49_B2K002A
2K49_NB2K001	2L49_B2L003A	2N3390
2N3390_D75Z	2N3392	2N3393
2N3415	2N3415_D26Z	2N3416
2N3416_D26Z	2N3416_D74Z	2N3417
2N3417_D26Z	2N3417_D74Z	2N3417_D75Z

2N3703	2N3704	2N3819
2N3819_D74Z	2N3820	2N3859A
2N3904BU	2N3904CTA	2N3904NLBU
2N3904TAR	2N3904TA	2N3904TFR
2N3904TF	2N3905BU	2N3905TFR
2N3905TF	2N3906BU	2N3906TAR
2N3906TA	2N3906TFR	2N3906TF
2N4123BU	2N4123TAR	2N4123TA
2N4123TFR	2N4124BU	2N4124TAR
2N4124TA	2N4124TFR	2N4124TF
2N4125BU	2N4125TAR	2N4125TA
2N4125TFR	2N4125TF	2N4126BU
2N4126TAR	2N4126TA	2N4126TFR
2N4400BU	2N4400TA	2N4400TFR
2N4400TF	2N4401BU	2N4401NLBU
2N4401TAR	2N4401TA	2N4401TFR
2N4401TF	2N4402BU	2N4402TA
2N4402TFR	2N4402TF	2N4403BU
2N4403TAR	2N4403TA	2N4403TFR
2N4403TF	2N4410	2N5087BU
2N5087TAR	2N5087TA	2N5087TFR
2N5087TF	2N5088BU	2N5088TAR
2N5088TA	2N5088TF	2N5089BU
2N5089TAR	2N5089TA	2N5089TFR
2N5089TF	2N5172	2N5172_D26Z
2N5172_D27Z	2N5172_D74Z	2N5210BU
2N5210TA	2N5210TFR	2N5210TF
2N5245	2N5246	2N5246_D74Z
2N5306	2N5307	2N5308_D74Z
2N5308_D75Z	2N5366	2N5366_D26Z
2N5366_D75Z	2N5400RA	2N5400
2N5400_D75Z	2N5401BU	2N5401CTA
2N5401TAR	2N5401TA	2N5401TFR
2N5401TF	2N5401YBU	2N5401YTA
2N5457	2N5457_D26Z	2N5457_D27Z
2N5457_D74Z	2N5458	2N5459
2N5459_D74Z	2N5459_D75Z	2N5460
2N5461	2N5461_D26Z	2N5462
2N5484	2N5484_D26Z	2N5484_D74Z
2N5485	2N5485_D26Z	2N5486
2N5486_D26Z	2N5486_D27Z	2N5550BU
2N5550TAR	2N5550TA	2N5550TFR
2N5550TF	2N5550_D26Z	2N5551BU
2N5551CTA	2N5551TAR	2N5551TA
2N5551TFR	2N5551TF	2N5551YBU
2N5551YTA	2N5555	2N5638
2N5638_D26Z	2N5639	2N5639_D26Z
2N5639_D75Z	2N5769	2N5770

2N5771	2N5771_D26Z	2N5771_D74Z
2N5771_D75Z	2N5830	2N5950
2N5951	2N5952	2N5952_D74Z
2N5952_J35Z	2N5953	2N5962
2N5962_D26Z	2N6426	2N6426_D26Z
2N6427	2N6427_D75Z	2N6517BU
2N6517CTA	2N6517TA	2N6519BU
2N6519TA	2N6520BU	2N6520TA
2N7052	2N7052_D74Z	2N7053
2N7053_D74Z	2SA1381CSTU	2SA1381DSTU
2SA1381ESTU	2SA1381FSTU	2SA1943OTU
2SA1943RTU	2SA1962OTU	2SA1962RTU
2SA733P	2SC3503CSTU	2SC3503DSTU
2SC3503ESTU	2SC3503FSTU	2SC5200OTU
2SC5200RTU	2SC5242OTU	2SC5242RTU
2V49_NB2V001	2V49_NB2V003D	3G49_B3G005A
3K49_B3K002A	3V85_BAS21	3V86_D3V004A
4085_2N2857	4085_2N5179	4249_NB42102E
4249_NB42112B	4285_2N2857	4285_MMBTH10
4385_2N918	4785_BF240	4849_B48205A
495220TU_F080	4Q85_D44H11	5085_2N3823
5085_2N4416A	5085_MBF4416A	5149_NB51374B
5185_2N4092	5185_2N4391	5185_2N4392
5185_2N4393	5185_2N4858A	5192_F51258C
5192_X51331A	5249_B52069B	5285_MMBFJ201
5385_MMBF4117	5385_MMBF4119	5449_NB54014
5497_F54012A	5885_2N5434	5892_F58041F
5Q37_W5Q011D	5Q85_D45H11	6192_X61026D
6285_2N5087	6385_2N2907A	6385_MBT2907A
6392_T63574H	6549_NB65115	6585_2N4209
6585_MMBT5771	6685_2N3906	6685_F66303A
6685_MMBT3906	6685_SD66303	6686_2N3906
6686_CL66299A	6692_T66203B	6785_2N4033
6785_2N4036	6785_TN4033A	6849_B68104B
6885_BC560C	7449_B74042A	7449_B74043A
7485_2N5401	7485_MMBT5401	7585_MMBTH81
7585_MPSH81	7585_P75004A	7685_MMBTA92
7899_X78059B	7899_X78060D	7899_X78070A
7985_TN6729A	8885_2N5115	8885_2N5116
8Y85_MBZ5256B	9085_MMBFJ210	9285_MMBFJ310
BAS16SL	BAS16	BAS16_D87Z
BAS19	BAS20	BAS21
BAS21_D87Z	BAS29	BAS31
BAS31_D87Z	BAS35	BAS35_G
BAS40SL	BAS70SL	BAV102
BAV102_D87Z	BAV103	BAV19TR
BAV20TR	BAV20	BAV21TR
BAV21	BAV21_T50A	BAV21_T50R

BAV23S	BAV70	BAV74
BAV99	BAV99_D87Z	BAW56
BAW62	BAW74	BAW74_D87Z
BAW76TR	BAW76	BAX16TR
BAX16	BAY72TR	BAY73
BC182B	BC182LB	BC182LB_D74Z
BC182L	BC182	BC182_D74Z
BC183C	BC183LC	BC183
BC184C	BC184LC	BC184LC_J35Z
BC184L	BC184L_D27Z	BC184
BC32716BU	BC32716TA	BC32716
BC32725BU	BC32725TA	BC32725TFR
BC32725TF	BC32725	BC32725_J35Z
BC32740BU	BC32740TA	BC327A_D26Z
BC327BU	BC327	BC33716BU
BC33716TA	BC33716TFR	BC33716
BC33716_J35Z	BC33725BU	BC33725TAR
BC33725TA	BC33725TFR	BC33725TF
BC33725	BC33725_J35Z	BC33740BU
BC33740TA	BC337A_D26Z	BC337
BC33825BU	BC33825TA	BC33840BU
BC338TF	BC368	BC368_D74Z
BC368_J35Z	BC369	BC369_D27Z
BC516	BC516_D27Z	BC516_D74Z
BC517	BC517_D27Z	BC517_D74Z
BC517_D75Z	BC546ABU	BC546ATA
BC546A	BC546BBU	BC546BTA
BC546BTFR	BC546BTF	BC546B
BC546B_J35Z	BC546CBU	BC546CTA
BC546	BC547ATA	BC547A
BC547BBU	BC547BTAR	BC547BTA
BC547BTF	BC547BU	BC547B
BC547CBU	BC547CTA	BC547CTFR
BC547C	BC547C_J35Z	BC547TF
BC547	BC548ATA	BC548BBU
BC548BTA	BC548BTFR	BC548BTF
BC548BU	BC548B	BC548CBU
BC548CTA	BC548C	BC548
BC549BTA	BC549BTF	BC549B
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BC549C	BC550ABU	BC550BBU
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BC558CBU	BC558C	BC559BTA
BC559CBU	BC559CTA	BC559
BC560ABU	BC560BTA	BC560CBU
BC560CTA	BC560C	BC560C_J35Z
BC635	BC635_D75Z	BC636TA
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BC63916	BC63916_D26Z	BC63916_D27Z
BC63916_D74Z	BC639	BC639_D26Z
BC639_D74Z	BC640BU	BC640TA
BC640TFR	BC640TF	BC640
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BC80740MTF	BC80816MTF	BC80825MTF
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BC81840MTF	BC846AMTF	BC846BMTF
BC846CMTF	BC847AMTF	BC847BMTF
BC847BS	BC847CMTF	BC847S
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BC849AMTF	BC849BMTF	BC849CMTF
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BCP52	BCP53	BCP54
BCP55	BCP56	BCP68
BCP69	BCV26	BCV27
BCV27_D87Z	BCV71	BCV72
BCW30	BCW31	BCW32
BCW33	BCW60A	BCW60B
BCW60C	BCW60D	BCW61AMTF
BCW61BMTF	BCW61CMTF	BCW61DMTF
BCW66G	BCW66G_D87Z	BCW68G
BCW69	BCW71	BCW89
BCX17	BCX19	BCX20
BCX599_D26Z	BCX70G	BCX70H
BCX70J	BCX70K	BCX71G
BCX71J	BCX71K	BCX79
BD13510STU	BD13516STU	BD13516S
BD1356STU	BD1356S	BD13610STU
BD13610S	BD13616STU	BD13616S
BD13710STU	BD13710S	BD13716STU

BD13716S	BD13810STU	BD13816STU
BD13816S	BD13910STU	BD13910S
BD13916STU	BD13916S	BD1396STU
BD14010STU	BD14010S	BD14016STU
BD14016S	BD159STU	BD17510STU
BD17516STU	BD17610STU	BD17910STU
BD233STU	BD235STU	BD236STU
BD237STU	BD238STU	BD238S
BD239ATU	BD239BTU	BD239CTU
BD239C	BD240A	BD240BTU
BD240B	BD240CTU	BD241BTU
BD241CTU	BD242B	BD242C
BD243BTU	BD243B	BD243CTU
BD243C	BD244A	BD244BTU
BD244B	BD244C	BD433S
BD434STU	BD434S	BD435STU
BD435S	BD436STU	BD436S
BD437S	BD438STU	BD438S
BD439S	BD440S	BD441STU
BD442STU	BD442S	BD675AS
BD676AS	BD677ASTU	BD677AS
BD678AS	BD679ASTU	BD679AS
BD680ASTU	BD680AS	BD681STU
BD681S	BD682STU	BD682S
BDW93CTU	BDW93C	BDW94CFTU
BDW94C	BDW94	BDX33B
BDX33C	BDX34BTU	BDX34B
BDX34C	BDX53ATU	BDX53BTU
BDX53CTU	BDX53C	BDX54ATU
BDX54BTU	BDX54CTU	BDX54C
BF199	BF199_D74Z	BF244A
BF244B	BF244B_J35Z	BF244C
BF245A	BF245B	BF245B_D27Z
BF245B_D74Z	BF245C	BF246A
BF246B	BF247A	BF256B
BF256B_J35Z	BF256C	BSP50
BSP51	BSP52	BSR13
BSR14	BSR15	BSR16
BSR17A	BSR18A	BSR18B
BSR50	BSR50_D74Z	BSR56
BSR57	BSR58	BSS63
BSS64	BSS79C	BSV52
BSV52_D87Z	BU406TU	BU406
BU407	BU806	BUT11AFTU
BUT11ATU	BUT11A	BUT11TU
BZX84C10	BZX84C11	BZX84C13
BZX84C15	BZX84C16	BZX84C18
BZX84C20	BZX84C20_D87Z	BZX84C22

BZX84C24	BZX84C27	BZX84C30
BZX84C33	BZX84C3V3	BZX84C3V6
BZX84C3V9	BZX84C4V3	BZX84C4V3_D87Z
BZX84C4V7	BZX84C5V1	BZX84C5V6
BZX84C5V6_D87Z	BZX84C6V2	BZX84C6V8
BZX84C6V8_D87Z	BZX84C7V5	BZX84C8V2
BZX84C9V1	BZX85C10TR5K	BZX85C11TR5K
BZX85C12TR5K	BZX85C13TR5K	BZX85C15TR5K
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D385_TCD3055A	D44C8	D44H11TU
D44H11	D44H8	D45C11
D45C8	D45H11	D45H2A
D45H8	FDH300ATR	FDH300A
FDH300TR	FDH300	FDH333TR
FDH333	FDH3595	FDH400TR
FDH400	FDH444TR	FDH444
FDLL300A	FDLL333	FDLL3595
FDLL400	FDLL4150	FDLL4151
FDLL457A	FDLL485B	FFB2222A
FFB2227A	FFB2907A	FFB3904
FFB3904_G	FFB3904_NB23296	FFB3906
FFB3946	FFB5551	FFB5551_SBDB002A
FJA13009TU	FJA4210OTU	FJA4213OTU
FJA4213RTU	FJA4310OTU	FJA4313OTU
FJA4313RTU	FJAF4210OTU	FJAF4210RTU
FJAF4210YTU	FJAF4310OTU	FJAF4310YTU
FJAF6810ATU	FJAF6810DTU	FJAF6810TU
FJB102TM	FJC1308PTF	FJC1308RTF
FJC1386PTF	FJC1386QTF	FJC1386RTF
FJC1963QTF	FJC1963RTF	FJC1963STF
FJC2383OTF	FJC2383YTF	FJD3076TM
FJD5304DTF	FJD5553TM	FJD5555TM
FJE3303H1TU	FJE3303H2TU	FJE5304DTU
FJE5304D	FJH1100	FJH1101
FJL4215OTU	FJL4315OTU	FJL6920TU
FJN3301RBU	FJN3301RTA	FJN3302RBU
FJN3302RTA	FJN3303BU	FJN3303RBU
FJN3303RTA	FJN3303TA	FJN3305RTA
FJN3314RTA	FJN4301RTA	FJN4302RTA
FJN4303RTA	FJN4305RTA	FJN4309RBU
FJN4309RTA	FJN4310RBU	FJN4314RBU
FJP13007H1TU	FJP13007H1TU_F080	FJP13007H1TU_F129
FJP13007H2TU	FJP13007H2TU_F080	FJP13007TU
FJP13009H2TU	FJP13009H2TU_F080	FJP13009TU
FJP13009	FJP1943OTU	FJP1943RTU
FJP3305H1TU	FJP3305H2TU	FJP3307DTU
FJP3835TU	FJP5027OTU	FJP5027RTU

FJP5027RTU_F080	FJP5200OTU	FJP5200RTU
FJP5304DTU	FJP5304DTU_SB82265	FJP5321TU
FJP5554TU	FJP5554	FJP5555ATU
FJP5555TU	FJPF13007H1TTU	FJPF13007H2TU
FJPF13007TU	FJPF13009H2TU	FJPF13009TU
FJPF1943OTU	FJPF1943RTU	FJPF3305H1TU
FJPF3305H2TU	FJPF3305TU	FJPF5021OTU
FJPF5027OTU	FJPF5027RTU	FJPF5200OTU
FJPF5200RTU	FJPF9020TU	FJT44KTF
FJT44TF	FJV1845EMTF	FJV1845FMTF
FJV1845PMTF	FJV3101RMTF	FJV3102RMTF
FJV3103RMTF	FJV3104RMTF	FJV3105RMTF
FJV3110RMTF	FJV3113RMTF	FJV3114RMTF
FJV3115RMTF	FJV4101RMTF	FJV4102RMTF
FJV4103RMTF	FJV4104RMTF	FJV4105RMTF
FJV4113RMTF	FJV4114RMTF	FJV42MTF
FJV92MTF	FJV992FMTF	FJV992PMTF
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FJX3002RTF	FJX3007RTF	FJX3008RTF
FJX3014RTF	FJX3904TF	FJX3906TF
FJX4003RTF	FJX4006RTF	FJX4009RTF
FJX733YTF	FJX945GTF	FJX945YTF
FJY3001R	FJY3002R	FJY3004R
FJY3008R	FJY3009R_G	FJY3013R
FJY3014R	FJY4002R	FJY4006R
FLLD261	FMB100	FMB200
FMB2222A	FMB2227A	FMB2907A
FMB3904	FMB3906	FMB3946
FMB5551	FMBA06	FMBA14
FMBA56	FMBM5401	FMBM5401_SB74001
FMBM5551	FMBM5551_SB16001	FMMT449
FMMT549	FSB560A	FSB560
FSB619	FSB649	FSB660A
FSB749	FZT3019	FZT649
FZT749	FZT790A	GB85_MBR320
GY85_MBZ5232B	IY85_MBZ5234B	J105
J106	J107	J108
J108_D26Z	J109	J109_D26Z
J110	J110_D26Z	J111
J111_D26Z	J111_D74Z	J111_D75Z
J112	J112_D26Z	J112_D27Z
J112_D74Z	J113	J113_D26Z
J113_D27Z	J113_D74Z	J113_D75Z
J174	J174_D27Z	J174_D74Z
J175	J175_D26Z	J175_D74Z
J175_D75Z	J176	J176_D26Z
J176_D74Z	J177	J177_D26Z
J177_D74Z	J201	J201_D27Z

J201_D74Z	J202	J202_D26Z
J202_D74Z	J210	J210_D27Z
J211	J211_D27Z	J211_D74Z
J212	J270	J270_D27Z
J271	J300	J304
J305	J309	J309_D26Z
J310	J310_D26Z	KA33VBU
KA33VTA	KSA1010YTU	KSA1013OBU
KSA1013OTA	KSA1013YBU	KSA1013YTA
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MMBF4093	MMBF4117	MMBF4118
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MMBFJ176	MMBFJ177	MMBFJ177_G
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MPS6514	MPS6515	MPS6518
MPS651	MPS651_D26Z	MPS6521
MPS6521_D26Z	MPS6523	MPS6523_D26Z
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NZT6717	NZT6726	NZT6728
NZT6729	NZT7053	NZT749
NZT751	NZT753	NZT902
P1086	P1086_D75Z	P1087
PB32_BPB003A	PB92_XPB002A	PC47_BPC001B
PF5102	PF53012	PN100A
PN100A_D74Z	PN100A_D75Z	PN100RM
PN100	PN100_D74Z	PN100_G
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PN200A_J18Z	PN200RM	PN200
PN200_D26Z	PN2222ABU	PN2222ANLBU
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PN2222ATF	PN2222A_J05Z	PN2222A_J18Z
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PN2222TF	PN2369A	PN2369A_D26Z
PN2369A_D27Z	PN2369A_D74Z	PN2369A_D75Z
PN2369	PN2369_D26Z	PN2484
PN2907ABU	PN2907ATAR	PN2907ATA
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PN2907TA	PN2907TFR	PN2907TF

PN3563	PN3565	PN3565_D26Z
PN3565_D27Z	PN3566	PN3567
PN3568	PN3568_D75Z	PN3569
PN3569_D26Z	PN3569_J05Z	PN3638A
PN3638A_D26Z	PN3638A_D27Z	PN3640
PN3640_D27Z	PN3642	PN3642_D26Z
PN3643	PN3644	PN3644_D27Z
PN3645	PN3645_J05Z	PN3646
PN4091	PN4091_D26Z	PN4092
PN4092_D26Z	PN4093	PN4117A
PN4117A_D26Z	PN4117A_J61Z	PN4117
PN4118	PN4141	PN4249
PN4249_D26Z	PN4249_D75Z	PN4250A
PN4250	PN4250_D26Z	PN4275
PN4303	PN4391	PN4392
PN4392_D26Z	PN4393	PN4393_D26Z
PN4393_D27Z	PN4416	PN4917
PN4917_D26Z	PN5134	PN5138_D75Z
PN5179	PN5179_D26Z	PN5179_D75Z
PN5432	PN5432_D27Z	PN5434
PN918	PN930	PN930_D75Z
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SS9012HTA	SS9013FBU	SS9013FTA
SS9013GBU	SS9013GTA	SS9013HBU
SS9013HTA	SS9014ABU	SS9014BBU
SS9014CBU	SS9014CTA	SS9014DBU
SS9014DTA	SS9015CBU	SS9018FBU
SS9018GBU	SS9018HBU	TIP100
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TIP105	TIP106	TIP107TU
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TIP111TU	TIP111	TIP112TU
TIP112	TIP115TU	TIP115
TIP117TU	TIP120TU	TIP120TU_F129
TIP120	TIP121TU	TIP121
TIP122TU	TIP122TU_F129	TIP122
TIP125TU	TIP125	TIP126TU
TIP126	TIP127TU	TIP127
TIP142TTU	TIP142T	TIP147FTU

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TIP30C	TIP31ATU	TIP31A
TIP31B	TIP31CTU	TIP31CTU_F129
TIP31C	TIP31C_F129	TIP31
TIP32ATU	TIP32A	TIP32BTU
TIP32CTU	TIP32CTU_F129	TIP32C
TIP32	TIP41A	TIP41BTU
TIP41B	TIP41CTU	TIP41CTU_F129
TIP41C	TIP41	TIP42B
TIP42CTU	TIP42CTU_F129	TIP42C
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TIP48TU	TIP48	TIP49
TIP50TU	TIP50	TIS74
TIS75	TIS75_D26Z	TIS97
TIS97_D74Z	TN2219A	TN2219A_D26Z
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TN6719A	TN6719A_D75Z	TN6725A
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