



Final Product/Process Change Notification
 Document #:FPCN23125X
 Issue Date:13 Apr 2020

Title of Change:	5" to 6" wafer conversion for products sourcing wafers from Phenitec, Japan										
Proposed First Ship date:	20 Jul 2020 or earlier if approved by customer										
Contact Information:	Contact your local ON Semiconductor Sales Office or Hiroshi.Koizumi@onsemi.com										
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office or <PCN.samples@onsemi.com>. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.										
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or Yasuhiro.Igarashi@onsemi.com										
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com										
Marking of Parts/ Traceability of Change:	Affected products will be identified with date code. Date code 2024 onwards may be sourced from new wafer fab once FPCN expires.										
Change Category:	Wafer Fab Change										
Change Sub-Category(s):	Manufacturing Site Transfer										
Sites Affected:											
ON Semiconductor Sites	External Foundry/Subcon Sites										
None	Phenitec Semiconductor, Japan										
Description and Purpose:											
<p>ON Semiconductor is notifying customers of the transfer of Switching diode and Zener diode wafer fab from Phenitec Semiconductor, Japan HQ fab(wafer size 5inch) to Phenitec Semiconductor, Japan 1st and Kagoshima fab(wafer size 6inch). This is for business continuity plan at Phenitec and wafer capacity enhancement.</p> <table border="1"> <thead> <tr> <th></th> <th>Before Change Description</th> <th>After Change Description</th> </tr> </thead> <tbody> <tr> <td>Wafer Fab</td> <td>Phenitec Semiconductor, Japan HQ fab</td> <td>Phenitec Semiconductor, Japan 1st fab /Kagoshima fab</td> </tr> <tr> <td>Wafer size</td> <td>5 inch</td> <td>6 inch</td> </tr> </tbody> </table>				Before Change Description	After Change Description	Wafer Fab	Phenitec Semiconductor, Japan HQ fab	Phenitec Semiconductor, Japan 1 st fab /Kagoshima fab	Wafer size	5 inch	6 inch
	Before Change Description	After Change Description									
Wafer Fab	Phenitec Semiconductor, Japan HQ fab	Phenitec Semiconductor, Japan 1 st fab /Kagoshima fab									
Wafer size	5 inch	6 inch									
There are no product material changes as a result of this change.											
There is no product marking change as a result of this change.											

Reliability Data Summary:

QV DEVICE NAME: 1N4148W/BAV21W/BAV21WS
 PACKAGE: SOD123/SOD123/SOD323

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1000 hrs	0/231
H3TRB	JESD22-A101	85°C, 85% RH 80% max rated V	1000 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/231
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90

QV DEVICE NAME: MM5Z15V/MMSZ5263BW/UDZS36VBW
 PACKAGE: SOD523/SOD123/SOD323

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1000 hrs	0/231
H3TRB	JESD22-A101	85°C, 85% RH 80% max rated V	1000 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/231
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90

QV DEVICE NAME: TCRB520S-30/TCRB751S-40
 PACKAGE: SOD523/SOD523

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1000 hrs	0/154
H3TRB	JESD22-A101	85°C, 85% RH 80% max rated V	1000 hrs	0/154
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/154
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/154
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/154
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/154
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/60

Electrical Characteristics Summary:

Electrical characteristics are not impacted

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

Part Number	Qualification Vehicle
FDLL485B	1N4148W/BAV21W/BAV21WS
FDLL914	1N4148W/BAV21W/BAV21WS
FDLL914A	1N4148W/BAV21W/BAV21WS
FDLL914B	1N4148W/BAV21W/BAV21WS
LL4148	1N4148W/BAV21W/BAV21WS
1N4148WS	1N4148W/BAV21W/BAV21WS
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1N914BWS	1N4148W/BAV21W/BAV21WS
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1N5225B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5226B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5228BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5229B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5240B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4728A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4728ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4732A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4733A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4733A-T50R	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4734A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4734A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW



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1N4735A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z3V6B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z3V6C	MM5Z15V/MMSZ5263BW/UDZS36VBW



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MM3Z3V9B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z3V9C	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z4V3B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z4V3C	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z15VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
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FDLL4148-D87Z	1N4148W/BAV21W/BAV21WS
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1N5227B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5247B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5247BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5251B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5252B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C2V7-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C3V3	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C3V3-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C3V9	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C3V9-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C4V3	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C10	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C10-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C11	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX79C11-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4732A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX85C16TR5K	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z2V4B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z5V1C	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z5V6B	MM5Z15V/MMSZ5263BW/UDZS36VBW



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MM3Z9V1B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z9V1C	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z10VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z10VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z11VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z68VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z68VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z75VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z75VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5242B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5243BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
BAT43XV2	TCRB520S-30/TCRB751S-40
1N458ATR	1N4148W/BAV21W/BAV21WS
1N459A	1N4148W/BAV21W/BAV21WS
1N459ATR	1N4148W/BAV21W/BAV21WS
1N459TR	1N4148W/BAV21W/BAV21WS
1N485BTR	1N4148W/BAV21W/BAV21WS
FDH400	1N4148W/BAV21W/BAV21WS
FDH400TR	1N4148W/BAV21W/BAV21WS
FDH444	1N4148W/BAV21W/BAV21WS
FDH444TR	1N4148W/BAV21W/BAV21WS
FJH1100	1N4148W/BAV21W/BAV21WS
BAV102	1N4148W/BAV21W/BAV21WS
BAV103	1N4148W/BAV21W/BAV21WS
1N5230B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5230BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5231B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5231BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5231C	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5231CTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5232B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5232BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5233B	MM5Z15V/MMSZ5263BW/UDZS36VBW



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1N5233BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5240BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5241B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5241BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5242BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5243B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5244BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5245BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5246B	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N5246BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C5V6-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C6V2	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C15-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C16-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4738ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4739A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4739A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4740A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4740A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4740ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4741A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4741A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW



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MM3Z4V7C	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z5V1B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z11VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z12VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4148-T50A	1N4148W/BAV21W/BAV21WS
1N4148-T50R	1N4148W/BAV21W/BAV21WS
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FDLL4448	1N4148W/BAV21W/BAV21WS
FDLL4448-D87Z	1N4148W/BAV21W/BAV21WS
FDLL457A	1N4148W/BAV21W/BAV21WS

Japanese translation of the notification starts here.
通知の日本語訳はここから始まります。

Note: The Japanese version is for reference only. In case of any differences between the English and Japanese version, the English version shall control.

注：日本語版は参照用です。英語版と日本語版の違いがある場合は、英語版が優先されます。



最終製品 / プロセス変更通知

文書番号# : FPCN23125X

発行日: 13 Apr 2020

変更件名:	フェニテック(日本)から供給のウェハー径を 5 インチから 6 インチに変更										
初回出荷予定日:	20 Jul 2020 またはお客様からの承認が得られた場合はそれ以前。										
連絡先情報:	現地のオン・セミコンダクター営業所または Hiroshi.Koizumi@onsemi.com にお問い合わせください。										
サンプル:	現地のオン・セミコンダクター営業所または PCN.samples@onsemi.com にお問い合わせください。 サンプルは、この変更の初回通知、初回 PCN の日付から 30 日以内に要求してください。 サンプル納入時は、依頼日、数量、特別梱包材/ラベル条件によって異なります。										
追加の信頼性データ:	お客様の地域のオン・セミコンダクター営業所または Yasuhiro.Igarashi@onsemi.com にお問い合わせください。										
通知種別:	これは、お客様宛の最終製品 / プロセス変更通知 (FPCN) です。FPCN は、変更実施の 90 日前に発行されます。 オン・セミコンダクターは、この通知の送付から 30 日以内に書面による問い合わせがない限り、この変更が承諾されたものとみなします。お問い合わせは、 PCN.Support@onsemi.com 宛てにお願いします。										
変更部品の識別:	影響を受ける製品は日付コードで識別します。 日付コード 2024 以降は、FPCN の有効期限切れ以降、新規ウェハー工場から供給されることになります。										
変更カテゴリ:	ウェハファブの変更										
変更サブカテゴリ:	製造拠点の移転										
影響を受ける拠点:											
オン・セミコンダクター拠点:	外部製造工場 / 下請業者拠点:										
無し	Phenitec Semiconductor, Japan										
説明および目的:	<p>オン・セミコンダクターは、スイッチングダイオードおよびツェナーダイオードのウェハー工場をフェニテックセミコンダクター本社工場(ウェハー径 5 インチ)からフェニテックセミコンダクター第一工場および鹿児島工場(ウェハー径 6 インチ)に変更することをお客様にお知らせします。これはフェニテックにおける事業継続計画およびウェハー生産能力拡大のためです。</p> <table border="1"> <thead> <tr> <th>プロセス</th> <th>変更前の表記</th> <th>変更後の表記</th> </tr> </thead> <tbody> <tr> <td>ウェハー工場</td> <td>Phenitec Semiconductor, Japan HQ fab</td> <td>Phenitec Semiconductor, Japan 1st fab /Kagoshima fab</td> </tr> <tr> <td>ウェハー径</td> <td>5 inch</td> <td>6 inch</td> </tr> </tbody> </table> <p>今回の変更に伴う製品材料の変更はありません。</p> <p>今回の変更に伴う製品マーキングの変更はありません。</p>		プロセス	変更前の表記	変更後の表記	ウェハー工場	Phenitec Semiconductor, Japan HQ fab	Phenitec Semiconductor, Japan 1 st fab /Kagoshima fab	ウェハー径	5 inch	6 inch
プロセス	変更前の表記	変更後の表記									
ウェハー工場	Phenitec Semiconductor, Japan HQ fab	Phenitec Semiconductor, Japan 1 st fab /Kagoshima fab									
ウェハー径	5 inch	6 inch									



信頼性データの要約:

デバイス名: 1N4148W/BAV21W/BAV21WS

パッケージ: SOD123/SOD123/SOD323

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1000 hrs	0/231
H3TRB	JESD22-A101	85°C, 85% RH 80% max rated V	1000 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/231
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90

デバイス名: MM5Z15V/MMSZ5263BW/UDZS36VBW

パッケージ: SOD523/SOD123/SOD323

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1000 hrs	0/231
H3TRB	JESD22-A101	85°C, 85% RH 80% max rated V	1000 hrs	0/231
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/231
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90

デバイス名: TCRB520S-30/TCRB751S-40

パッケージ: SOD523/SOD523

テスト	仕様	条件	間隔	結果
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1000 hrs	0/154
H3TRB	JESD22-A101	85°C, 85% RH 80% max rated V	1000 hrs	0/154
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/154
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/154
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/154
AC	JESD22-A102	121°C, 100% RH, 15psig, unbiased	96 hrs	0/154
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/60



電気的特性の要約:

電気的特性への影響はありません。

影響を受ける部品の一覧:

注: 部品一覧には標準部品番号 (既製品) のみが記載されています。本 PCN の影響を受けるカスタム部品番号は、PCN メールで提供される顧客個別の付録、または PCN カスタマイズポータルに記載されています。

部品番号	認定試験用ピークル
FDLL485B	1N4148W/BAV21W/BAV21WS
FDLL914	1N4148W/BAV21W/BAV21WS
FDLL914A	1N4148W/BAV21W/BAV21WS
FDLL914B	1N4148W/BAV21W/BAV21WS
LL4148	1N4148W/BAV21W/BAV21WS
1N4148WS	1N4148W/BAV21W/BAV21WS
1N4448WS	1N4148W/BAV21W/BAV21WS
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1N485B	1N4148W/BAV21W/BAV21WS
1N4148WT	1N4148W/BAV21W/BAV21WS
1N4448WT	1N4148W/BAV21W/BAV21WS
1N914BWT	1N4148W/BAV21W/BAV21WS
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1N5225B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5240B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4728ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4732A	MM5Z15V/MMSZ5263BW/UDZS36VBW



最終製品 / プロセス変更通知

文書番号# : FPCN23125X

発行日: 13 Apr 2020

1N4733A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4746ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW



1N4747A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4749ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4750A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4750A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4750ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4752A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4753A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4753A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4754A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4755A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4755A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N4758A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C10	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C10-T50R	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C10TR5K	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C11	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C11TR5K	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C12	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C12-T50R	MM5Z15V/MMSZ5263BW/UDZS36VBW



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文書番号# : FPCN23125X

発行日: 13 Apr 2020

BZX85C12TR5K	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C13	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C13TR5K	MM5Z15V/MMSZ5263BW/UDZS36VBW
BZX85C15	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z3V6B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z3V6C	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z4V3B	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z15VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z15VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z16VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z18VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z27VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z27VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z30VB	MM5Z15V/MMSZ5263BW/UDZS36VBW



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文書番号# : FPCN23125X

発行日: 13 Apr 2020

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MM3Z33VB	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z33VC	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C3V3-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW



BZX79C3V6	MM5Z15V/MMSZ5263BW/UDZS36VBW
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BZX79C6V2-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
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MM3Z7V5B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z7V5C	MM5Z15V/MMSZ5263BW/UDZS36VBW



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文書番号# : FPCN23125X

発行日: 13 Apr 2020

MM3Z8V2B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z8V2C	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z9V1B	MM5Z15V/MMSZ5263BW/UDZS36VBW
MM3Z9V1C	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N5243BTR	MM5Z15V/MMSZ5263BW/UDZS36VBW
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1N459ATR	1N4148W/BAV21W/BAV21WS
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1N485BTR	1N4148W/BAV21W/BAV21WS
FDH400	1N4148W/BAV21W/BAV21WS
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FDH444	1N4148W/BAV21W/BAV21WS
FDH444TR	1N4148W/BAV21W/BAV21WS
FJH1100	1N4148W/BAV21W/BAV21WS
BAV102	1N4148W/BAV21W/BAV21WS
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文書番号# : FPCN23125X

発行日: 13 Apr 2020

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1N4739A-T50A	MM5Z15V/MMSZ5263BW/UDZS36VBW
1N4739ATR	MM5Z15V/MMSZ5263BW/UDZS36VBW



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発行日: 13 Apr 2020

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1N4149TR	1N4148W/BAV21W/BAV21WS
1N4447	1N4148W/BAV21W/BAV21WS



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文書番号# : FPCN23125X

発行日: 13 Apr 2020

1N4448	1N4148W/BAV21W/BAV21WS
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1N4454TR	1N4148W/BAV21W/BAV21WS
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1N456ATR	1N4148W/BAV21W/BAV21WS
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