



<b>Title of Change:</b>	Update to PB23734X-Tube Pin dimension and color change for TO247&TT3PN
<b>Effective date:</b>	24 Feb 2021
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or <a href="mailto:Daisy.Zhi@onsemi.com">Daisy.Zhi@onsemi.com</a>
<b>Type of notification:</b>	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
<b>Change Category:</b>	Test Change
<b>Change Sub-Category(s):</b>	Shipping/Packaging/Marking

**Sites Affected:**

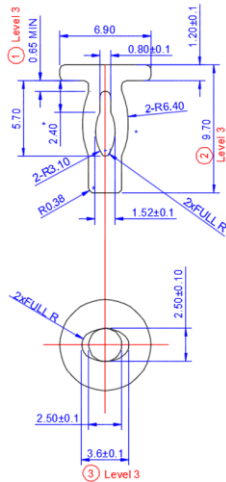
ON Semiconductor Sites	External Foundry/Subcon Sites
ON Semiconductor Suzhou, China	None

**Description and Purpose:**

This is an update from PB23734X to inform customer on the Tube Pin dimension and color change for TO247&TT3PN.

**Tube Pin Dimension & Color Change**

Currently:

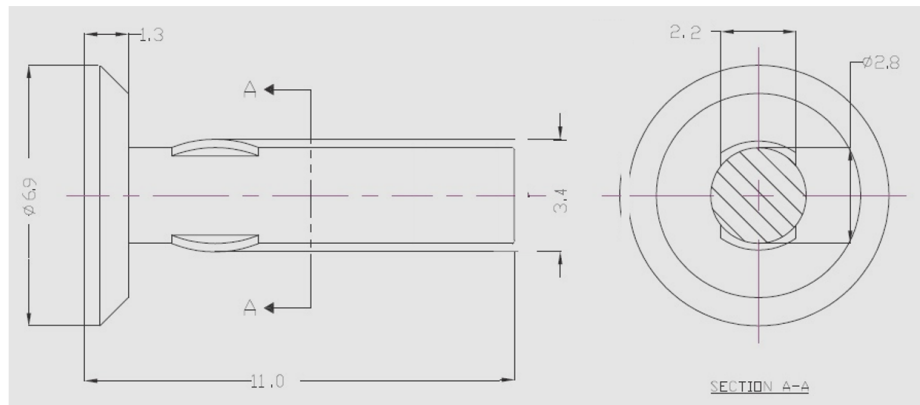


- Note:
1. MATERIAL: NYLON
  2. COLOR: GREEN/RED
  3. STANDARD TOLERANCE = +/-0.20

**Proposed:**



N57454G001  
 Remark: tolerance: +/-0.15mm, color: white.




**List of Affected Standard 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](#).

2SA1962OTU	2SA1962RTU	2SC5242OTU
FJA4310OTU	FJA4313OTU	FQA10N80C-F109
FQA11N90-F109	FQA11N90C-F109	FQA13N50C-F109
FQA13N50CF	FQA13N80-F109	FQA140N10
FQA160N08	FQA16N50-F109	FQA170N06
FQA19N60	FQA24N50	FQA24N60
FQA27N25	FQA28N15	FQA28N50
FQA30N40	FQA32N20C	FQA36P15
FQA38N30	FQA40N25	FQA44N30
FQA46N15	FQA55N25	FQA62N25C
FQA65N20	FJA4210OTU	FJA4213OTU
FJA4213RTU	FDH055N15A	FCA16N60N
FCA20N60	FCA20N60-F109	FCA20N60F
FCA22N60N	FCA35N60	FCA36N60NF
FCA47N60	FCA47N60-F109	FCA47N60F
FCA76N60N	FDA032N08	FDA16N50-F109
FDA16N50LDTU	FDA18N50	FDA20N50-F109
FDA20N50F	FDA24N40F	FDA24N50
FDA24N50F	FDA28N50	FDA28N50F
FDA33N25	FDA38N30	FDA50N50
FDA59N25	FDA59N30	FDA69N25
FDA70N20	FDA8440	FFA40UP35STU
FFA60UA60DN	FFA60UP20DNTU	FFA60UP30DNTU
FGA15N120ANTDTU-F109	FGA15S125P	FGA180N33ATDTU
FGA180N33ATTU	FGA20N120FTDTU	FGA20S125P-SN00336
FGA20S140P	FGA25N120ANTDTU	FGA25N120ANTDTU-F109
FGA25S125P-SN00337	FGA3060ADF	FGA30N120FTDTU
FGA30N60LSDTU	FGA30N65SMD	FGA30S120P
FGA30T65SHD	FGA4060ADF	FGA40N65SMD
FGA40S65SH	FGA40T65SHD	FGA40T65SHDF
FGA40T65UQDF	FGA5065ADF	FGA50N100BNTD2
FGA50N100BNTDTU	FGA50S110P	FGA50T65SHD
FGA6065ADF	FGA60N60UFDTU	FGA60N65SMD
FGA6530WDF	FGA6540WDF	FGA6560WDF



FGA90N33ATDTU	FJA13009TU	FQA6N90C-F109
FQA70N10	FQA70N15	FQA7N80C-F109
FQA8N100C	FQA8N90C-F109	FQA90N08
FQA90N15	FQA90N15-F109	FQA9N90-F109
FQA9N90C-F109	FQA9P25	FS7M0880TU
FS7M0880YDTU	FYA3010DNTU	IRFP150A
SGF23N60UFTU	SGF5N150UFTU	SGF80N60UFTU
SGH10N60RUFDTU	SGH20N60RUFDTU	SGH30N60RUFDTU
SGH40N60UFTU	SGH40N60UFTU	TIP147FTU
TIP147TU	FCH023N65S3-F155	FCH023N65S3L4
FCH029N65S3-F155	FCH040N65S3-F155	FCH041N60E
FCH041N60F	FCH041N65EF-F155	FCH041N65EFL4
FCH041N65EFLN4	FCH041N65F-F155	FCH043N60
FCH060N80-F155	FCH067N65S3-F155	FCH070N60E
FCH072N60	FCH072N60F	FCH077N65F-F155
FCH085N80-F155	FCH099N60E	FCH099N65S3-F155
FCH104N60	FCH104N60F	FCH110N65F-F155
FCH125N60E	FCH125N65S3R0-F155	FCH130N60
FCH150N65F-F155	FCH165N60E	FCH165N65S3R0-F155
FCH170N60	FCH190N65F-F155	FCH22N60N
FCH25N60N	FCH35N60	FCH47N60-F133
FCH47N60F-F133	FCH47N60N	FCH47N60NF
FCH76N60N	FCH76N60NF	FDH038AN08A1
FDH047AN08A0	FDH210N08	FDH3632
FDH44N50	FDH45N50F-F133	FDH50N50-F133
FFH30S60STU	FFH30US30DN	FFH50US60S
FFH60UP40S	FFH60UP40S3	FFH60UP60S
FFH60UP60S3	FFH75H60S	FFSH10120A
FFSH10120ADN-F155	FFSH15120A	FFSH15120ADN-F155
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FFSH20120ADN-F155	FFSH2065A	FFSH2065ADN-F155
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FFSH3065ADN-F155	FFSH3065B	FFSH40120A
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FFSH50120A	FFSH5065A	FFSH5065A-F155
FGH12040WD-F155	FGH15T120SMD-F155	FGH20N60SFDTU
FGH20N60UFTU	FGH25N120FTDS	FGH25T120SMD-F155



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FGH40N60UFTU	FGH40N60UFTU	FGH40N65UFDTU
FGH40T100SMD	FGH40T100SMD-F155	FGH40T120SMD
FGH40T120SMD-F155	FGH40T120SMDL4	FGH40T120SQDNL4
FGH40T65SH-F155	FGH40T65SHD-F155	FGH40T65SHDF-F155
FGH40T65SPD-F155	FGH40T65SQD-F155	FGH40T65UPD
FGH40T65UQDF-F155	FGH40T70SHD-F155	FGH50N3
FGH50N6S2D	FGH50T65SQD-F155	FGH50T65UPD
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FGH75T65SHDTL4	FGH75T65SHDTL4	FGH75T65SQD-F155
FGH75T65SQDNL4	FGH75T65SQDT-F155	FGH75T65SQDTL4
FGH75T65UPD	FGH75T65UPD-F155	FGH80N60FD2TU
FGH80N60FDTU	FGHL40S65UQ	FGHL40T65MQD
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FGHL75T65MQD	FGY100T65SCDT	FGY40T120SMD
FGY60T120SQDN	FGY75N60SMD	FGY75T120SQDN
FGY75T95LQDT	FGY75T95SQDT	FQH44N10-F133
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HGTG12N60A4D	HGTG12N60C3D	HGTG18N120BN
HGTG18N120BND	HGTG20N60A4	HGTG20N60A4D
HGTG20N60B3	HGTG20N60B3D	HGTG27N120BN
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HGTG30N60B3D	HGTG30N60C3D	HGTG40N60A4
HGTG40N60B3	HGTG5N120BND	HGTG7N60A4D
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HUF75652G3	HUF75852G3	ISL9K1560G3
ISL9K3060G3	ISL9R1560G2	ISL9R18120G2
ISL9R30120G2	ISL9R3060G2	NDSH25170A
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NTH4L160N120SC1	NTHL019N65S3H	NTHL020N090SC1
NTHL020N120SC1	NTHL027N65S3HF	NTHL033N65S3HF
NTHL040N120SC1	NTHL040N65S3F	NTHL040N65S3HF



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NTHL065N65S3HF	NTHL080N120SC1	NTHL080N120SC1A
NTHL082N65S3F	NTHL082N65S3HF	NTHL095N65S3HF
NTHL110N65S3F	NTHL160N120SC1	NTHL190N65S3HF
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RHRG3060CC	RHRG5060	RHRG75120
RURG1520CC	RURG3020CC	RURG3060
RURG3060CC	RURG5060	RURG80100
RURG8060		

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。

# 製品速報

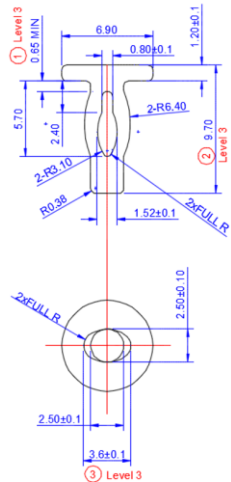
文書番号: PB23734X1

発行日: 24 Feb 2021

変更件名:	PB23734X への更新-TO247 & TT3PN のチューブピンの寸法と色の変更	
発効日:	24 Feb 2021	
連絡先情報:	現地のオン・セミコンダクター営業所または <a href="mailto:Daisy.Zhi@onsemi.com">Daisy.Zhi@onsemi.com</a> にお問い合わせください。	
通知種別:	本製品速報は通知目的のみのものです。オン・セミコンダクターは本製品速報の発行により本変更を実行します。	
変更カテゴリ:	検査の変更	
変更サブカテゴリ:	出荷/梱包/マーキング	
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	
ON Semiconductor Suzhou, China	なし	

## 説明および目的:

これは、PB23734X を更新し、TO247 & TT3PN のチューブピンの寸法と色を変更することをお客様にお知らせするものです。  
チューブピンの寸法と色の変更  
現在:



### Note:

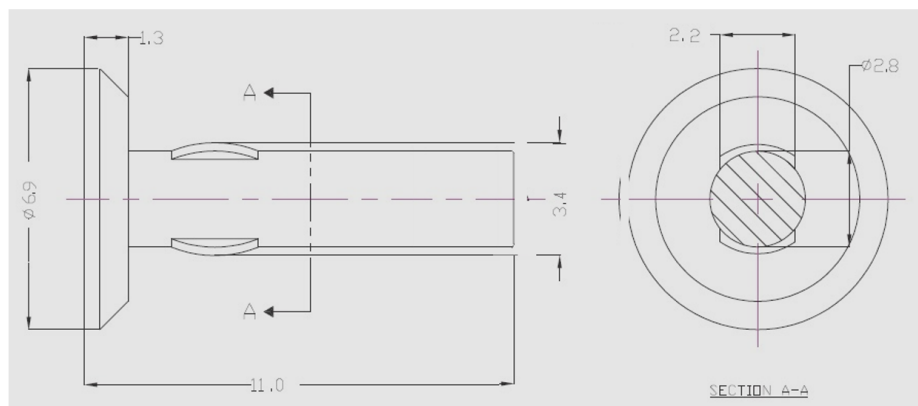
1. MATERIAL: NYLON
2. COLOR: GREEN/RED
3. STANDARD TOLERANCE = +/-0.20

## 提案:



N57454G001

Remark: tolerance: +/-0.15mm, color: white.



# 製品速報

文書番号: PB23734X1

発行日: 24 Feb 2021

## 影響を受ける部品の一覧:

注: 標準の部品番号(既製品)のみが部品一覧に記載されます。本 PCN に影響を受けるカスタム 部品は、PCN メールのお客様の特定の PCN の付属文書、または PCN カスタマイズポータルに記載されています。

2SA1962OTU	2SA1962RTU	2SC5242OTU
FJA43100TU	FJA43130TU	FQA10N80C-F109
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FQA13N50CF	FQA13N80-F109	FQA140N10
FQA160N08	FQA16N50-F109	FQA170N06
FQA19N60	FQA24N50	FQA24N60
FQA27N25	FQA28N15	FQA28N50
FQA30N40	FQA32N20C	FQA36P15
FQA38N30	FQA40N25	FQA44N30
FQA46N15	FQA55N25	FQA62N25C
FQA65N20	FJA42100TU	FJA42130TU
FJA4213RTU	FDH055N15A	FCA16N60N
FCA20N60	FCA20N60-F109	FCA20N60F
FCA22N60N	FCA35N60	FCA36N60NF
FCA47N60	FCA47N60-F109	FCA47N60F
FCA76N60N	FDA032N08	FDA16N50-F109
FDA16N50LDTU	FDA18N50	FDA20N50-F109
FDA20N50F	FDA24N40F	FDA24N50
FDA24N50F	FDA28N50	FDA28N50F
FDA33N25	FDA38N30	FDA50N50
FDA59N25	FDA59N30	FDA69N25
FDA70N20	FDA8440	FFA40UP35STU
FFA60UA60DN	FFA60UP20DNTU	FFA60UP30DNTU
FGA15N120ANTDTU-F109	FGA15S125P	FGA180N33ATDTU
FGA180N33ATTU	FGA20N120FTDTU	FGA20S125P-SN00336
FGA20S140P	FGA25N120ANTDTU	FGA25N120ANTDTU-F109
FGA25S125P-SN00337	FGA3060ADF	FGA30N120FTDTU
FGA30N60LSDTU	FGA30N65SMD	FGA30S120P
FGA30T65SHD	FGA4060ADF	FGA40N65SMD
FGA40S65SH	FGA40T65SHD	FGA40T65SHDF
FGA40T65UQDF	FGA5065ADF	FGA50N100BNTD2
FGA50N100BNTDTU	FGA50S110P	FGA50T65SHD
FGA6065ADF	FGA60N60UFDTU	FGA60N65SMD



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FGA6530WDF	FGA6540WDF	FGA6560WDF
FGA90N33ATDTU	FJA13009TU	FQA6N90C-F109
FQA70N10	FQA70N15	FQA7N80C-F109
FQA8N100C	FQA8N90C-F109	FQA90N08
FQA90N15	FQA90N15-F109	FQA9N90-F109
FQA9N90C-F109	FQA9P25	FS7M0880TU
FS7M0880YDTU	FYA3010DNTU	IRFP150A
SGF23N60UFTU	SGF5N150UFTU	SGF80N60UFTU
SGH10N60RUFDTU	SGH20N60RUFDTU	SGH30N60RUFDTU
SGH40N60UFTU	SGH40N60UFTU	TIP147FTU
TIP147TU	FCH023N65S3-F155	FCH023N65S3L4
FCH029N65S3-F155	FCH040N65S3-F155	FCH041N60E
FCH041N60F	FCH041N65EF-F155	FCH041N65EFL4
FCH041N65EFLN4	FCH041N65F-F155	FCH043N60
FCH060N80-F155	FCH067N65S3-F155	FCH070N60E
FCH072N60	FCH072N60F	FCH077N65F-F155
FCH085N80-F155	FCH099N60E	FCH099N65S3-F155
FCH104N60	FCH104N60F	FCH110N65F-F155
FCH125N60E	FCH125N65S3R0-F155	FCH130N60
FCH150N65F-F155	FCH165N60E	FCH165N65S3R0-F155
FCH170N60	FCH190N65F-F155	FCH22N60N
FCH25N60N	FCH35N60	FCH47N60-F133
FCH47N60F-F133	FCH47N60N	FCH47N60NF
FCH76N60N	FCH76N60NF	FDH038AN08A1
FDH047AN08A0	FDH210N08	FDH3632
FDH44N50	FDH45N50F-F133	FDH50N50-F133
FFH30S60STU	FFH30US30DN	FFH50US60S
FFH60UP40S	FFH60UP40S3	FFH60UP60S
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FFSH10120ADN-F155	FFSH15120A	FFSH15120ADN-F155
FFSH1665A	FFSH1665ADN-F155	FFSH20120A
FFSH20120ADN-F155	FFSH2065A	FFSH2065ADN-F155
FFSH30120A	FFSH30120ADN-F155	FFSH3065A
FFSH3065ADN-F155	FFSH3065B	FFSH40120A
FFSH40120ADN-F155	FFSH4065A	FFSH4065ADN-F155
FFSH50120A	FFSH5065A	FFSH5065A-F155
FGH12040WD-F155	FGH15T120SMD-F155	FGH20N60SFDTU

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FGH20N60UFDTU	FGH25N120FTDS	FGH25T120SMD-F155
FGH30N60LSDTU	FGH30S130P	FGH30S150P
FGH30T65UPDT-F155	FGH40N120ANTU	FGH40N60SFDTU
FGH40N60SFTU	FGH40N60SMD	FGH40N60SMDF
FGH40N60UFDTU	FGH40N60UFTU	FGH40N65UFDTU
FGH40T100SMD	FGH40T100SMD-F155	FGH40T120SMD
FGH40T120SMD-F155	FGH40T120SMDL4	FGH40T120SQDNL4
FGH40T65SH-F155	FGH40T65SHD-F155	FGH40T65SHDF-F155
FGH40T65SPD-F155	FGH40T65SQD-F155	FGH40T65UPD
FGH40T65UQDF-F155	FGH40T70SHD-F155	FGH50N3
FGH50N6S2D	FGH50T65SQD-F155	FGH50T65UPD
FGH60N60SFDTU	FGH60N60SFTU	FGH60N60SMD
FGH60N60UFDTU	FGH60T65SHD-F155	FGH60T65SQD-F155
FGH75N60UFTU	FGH75T65SHD-F155	FGH75T65SHDT-F155
FGH75T65SHDTL4	FGH75T65SHDTLN4	FGH75T65SQD-F155
FGH75T65SQDNL4	FGH75T65SQDT-F155	FGH75T65SQDTL4
FGH75T65UPD	FGH75T65UPD-F155	FGH80N60FD2TU
FGH80N60FDTU	FGHL40S65UQ	FGHL40T65MQD
FGHL50T65MQD	FGHL50T65SQ	FGHL50T65SQDT
FGHL75T65MQD	FGY100T65SCDT	FGY40T120SMD
FGY60T120SQDN	FGY75N60SMD	FGY75T120SQDN
FGY75T95LQDT	FGY75T95SQDT	FQH44N10-F133
FQH8N100C	HGTG10N120BND	HGTG11N120CND
HGTG12N60A4D	HGTG12N60C3D	HGTG18N120BN
HGTG18N120BND	HGTG20N60A4	HGTG20N60A4D
HGTG20N60B3	HGTG20N60B3D	HGTG27N120BN
HGTG30N60A4	HGTG30N60A4D	HGTG30N60B3
HGTG30N60B3D	HGTG30N60C3D	HGTG40N60A4
HGTG40N60B3	HGTG5N120BND	HGTG7N60A4D
HUF75344G3	HUF75345G3	HUF75639G3
HUF75652G3	HUF75852G3	ISL9K1560G3
ISL9K3060G3	ISL9R1560G2	ISL9R18120G2
ISL9R30120G2	ISL9R3060G2	NDSH25170A
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NTH4L040N120SC1	NTH4L040N65S3F	NTH4L080N120SC1
NTH4L160N120SC1	NTHL019N65S3H	NTHL020N090SC1
NTHL020N120SC1	NTHL027N65S3HF	NTHL033N65S3HF

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NTHL040N120SC1	NTHL040N65S3F	NTHL040N65S3HF
NTHL050N65S3HF	NTHL060N090SC1	NTHL065N65S3F
NTHL065N65S3HF	NTHL080N120SC1	NTHL080N120SC1A
NTHL082N65S3F	NTHL082N65S3HF	NTHL095N65S3HF
NTHL110N65S3F	NTHL160N120SC1	NTHL190N65S3HF
RHRG1560CC	RHRG30120	RHRG3060
RHRG3060CC	RHRG5060	RHRG75120
RURG1520CC	RURG3020CC	RURG3060
RURG3060CC	RURG5060	RURG80100
RURG8060		



## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDA59N30				
2SA1962OTU				
2SA1962RTU				
2SC5242OTU				
FJA4310OTU				
FJA4313OTU				
FQA10N80C-F109				
FQA11N90-F109				
FQA11N90C-F109				
FQA13N50CF				
FQA13N80-F109				
FQA140N10				
FQA160N08				
FQA170N06				
FQA19N60				
FQA24N60				
FQA27N25				
FQA28N15				
FQA30N40				
FQA32N20C				
FQA36P15				
FQA40N25				
FQA44N30				
FQA46N15				
FQA55N25				
FQA62N25C				
FQA65N20				
FJA4210OTU				
FJA4213OTU				
FDH055N15A				
FCA16N60N				
FCA20N60F				
FCA22N60N				
FCA35N60				
FCA47N60				
FCA47N60-F109				
FCA47N60F				
FCA76N60N				
FDA032N08				
FDA16N50-F109				
FDA16N50LDTU				
FDA18N50				



## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDA20N50-F109				
FDA20N50F				
FDA24N40F				
FDA24N50				
FDA24N50F				
FDA28N50				
FDA28N50F				
FDA33N25				
FDA38N30				
FDA50N50				
FDA59N25				
FDA70N20				
FDA8440				
FFA40UP35STU				
FFA60UA60DN				
FFA60UP30DNTU				
FGA15N120ANTDTU-F109				
FGA15S125P				
FGA180N33ATTU				
FGA20N120FTDTU				
FGA20S140P				
FGA25N120ANTDTU				
FGA25N120ANTDTU-F109				
FGA30N120FTDTU				
FGA30N60LSDTU				
FGA30S120P				
FGA40N65SMD				
FGA40T65SHD				
FGA50N100BNTD2				
FGA50N100BNTDTU				
FDA69N25				
FGA60N60UFDTU				
FGA50T65SHD				
FGA6560WDF				
FGA60N65SMD				
FQA6N90C-F109				
FJA13009TU				
FQA70N10				
FQA7N80C-F109				
FQA70N15				
FQA8N100C				
FQA8N90C-F109				



## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FQA90N15				
FQA90N15-F109				
FQA9P25				
FQA9N90C-F109				
SGH20N60RUFDTU				
TIP147TU				
TIP147FTU				
FCH023N65S3-F155				
FCH023N65S3L4				
FCH029N65S3-F155				
FCH040N65S3-F155				
FCH041N60E				
FCH041N60F				
FCH041N65EF-F155				
FCH041N65F-F155				
FCH041N65EFL4				
FCH043N60				
FCH060N80-F155				
FCH067N65S3-F155				
FCH070N60E				
FCH072N60				
FCH072N60F				
FCH104N60F				
FCH085N80-F155				
FCH165N60E				
FCH125N65S3R0-F155				
FCH22N60N				
FCH25N60N				
FCH47N60-F133				
FCH47N60F-F133				
FCH47N60NF				
FCH47N60N				
FCH76N60N				
FCH76N60NF				
FDH047AN08A0				
FDH3632				
FDH44N50				
FDH45N50F-F133				
FFH30S60STU				
FDH50N50-F133				
FFH60UP40S				
FFH60UP40S3				



## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FFH60UP60S3				
FFH60UP60S				
FFSH15120A				
FFH75H60S				
FFSH20120A				
FFSH1665A				
FFSH30120A				
FFSH2065A				
FFSH30120ADN-F155				
FFSH3065B				
FFSH3065A				
FFSH50120A				
FFSH4065A				
FGH15T120SMD-F155				
FFSH5065A				
FGH20N60SFDTU				
FFSH5065A-F155				
FGH25N120FTDS				
FGH20N60UFDTU				
FGH25T120SMD-F155				
FGH30S130P				
FGH30S150P				
FGH30N60LSDTU				
FGH30T65UPDT-F155				
FGH40N120ANTU				
FGH40N60SFDTU				
FGH40N60SMD				
FGH40N60SFTU				
FGH40N60SMDF				
FGH40N60UFDTU				
FGH40N60UFTU				
FGH40T100SMD				
FGH40N65UFDTU				
FGH40T120SMD-F155				
FGH40T120SMD				
FGH40T120SQDNL4				
FGH40T120SMDL4				
FGH40T65SHDF-F155				
FGH40T65SH-F155				
FGH40T65UPD				
FGH40T65SPD-F155				
FGH40T65UQDF-F155				



## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FGH50N3				
FGH40T70SHD-F155				
FGH50N6S2D				
FGH50T65UPD				
FGH60N60SFDTU				
FGH50T65SQD-F155				
FGH60N60SMD				
FGH60N60SFTU				
FGH60N60UFDTU				
FGH60T65SHD-F155				
FGH75N60UFTU				
FGH60T65SQD-F155				
FGH75T65SHDT-F155				
FGH75T65SHD-F155				
FGH75T65SHDTL4				
FGH75T65SQD-F155				
FGH75T65SHDTLN4				
FGH75T65SQDNL4				
FGH80N60FD2TU				
FGH75T65SQDTL4				
FGH80N60FDTU				
FGHL50T65SQ				
FGHL40S65UQ				
FGHL50T65SQDT				
FGY40T120SMD				
FGY75N60SMD				
FGY60T120SQDN				
FGY75T120SQDN				
FQH44N10-F133				
FGY75T95LQDT				
FQH8N100C				
FGY75T95SQDT				
HGTG11N120CND				
HGTG10N120BND				
HGTG12N60A4D				
HGTG18N120BND				
HGTG12N60C3D				
HGTG20N60A4				
HGTG20N60A4D				
HGTG20N60B3				
HGTG20N60B3D				
HGTG27N120BN				





## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
HGTG30N60A4D				
HGTG30N60A4				
HGTG30N60B3				
HGTG30N60B3D				
HGTG30N60C3D				
HGTG40N60B3				
HGTG40N60A4				
HGTG5N120BND				
HUF75344G3				
HUF75345G3				
HUF75652G3				
HUF75639G3				
ISL9K3060G3				
ISL9K1560G3				
ISL9R18120G2				
ISL9R1560G2				
ISL9R30120G2				
ISL9R3060G2				
NTH027N65S3F-F155				
NDSH25170A				
NTH4L020N120SC1				
NTH4L040N120SC1				
NTH4L080N120SC1				
NTH4L160N120SC1				
NTHL019N65S3H				
NTHL020N090SC1				
NTHL020N120SC1				
NTHL027N65S3HF				
NTHL033N65S3HF				
NTHL040N65S3F				
NTHL040N120SC1				
NTHL040N65S3HF				
NTHL060N090SC1				
NTHL065N65S3F				
NTHL065N65S3HF				
NTHL080N120SC1				
NTHL082N65S3HF				
NTHL082N65S3F				
NTHL110N65S3F				
NTHL095N65S3HF				
NTHL160N120SC1				
RHRG1560CC				



## Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NTHL190N65S3HF				
RHRG30120				
RHRG3060				
RHRG5060				
RHRG3060CC				
RHRG75120				
RURG1520CC				
RURG3020CC				
RURG3060				
RURG3060CC				
RURG5060				
RURG80100				
RURG8060				