



Title of Change:	DPAK-JEDEC 3L Second Source KangQiang Leadframe and Base Material qualification.	
Proposed First Ship date:	20 Nov 2020 or earlier if approved by customer	
Contact Information:	Contact your local ON Semiconductor Sales Office or Daisy.Zhi@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 KunChen.Ge@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:	No marking change and traceability by date code	
Change Category:	Assembly Change	
Change Sub-Category(s):	Material Change	
Sites Affected:		
ON Semiconductor Sites	External Foundry/Subcon Sites	
ON Semiconductor Suzhou, China	None	
Description and Purpose:		
Qualify leadframe as second source supplier and the base material C19210 (KFC).		
Current leadframe base material C14415 is in short supply on the market and lead time 4 months.		
The purpose of the change is for adding DPAK- Jedec 3L alternative source, keep supply chain continuity		
	Before Change Description	After Change Description
LeadFrame	Current Leadframe with C14415	Add alternative leadframe with C19210
There is no product marking change as a result of this change.		

**Reliability Data Summary:**

QV DEVICE NAME: FDD7N60NZTM

RMS: U66399

PACKAGE: DPAK-JEDEC

Test	Specification	Condition	Interval	Result
HTSL	JESD22-A103	Ta= 150 °C	1008 hrs	0/80
PC	J-STD-020, JESD-A113	MSL1@260°C (Per datasheet as required)		
TC-PC	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/80
UHASt-PC	JESD22-A118	130°C,85%RH,18.8psig,unbiased	96hrs	0/80
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/15
LI	JESD22B105	Condition C lead fatigue		0/15

QV DEVICE NAME: FDD6N50TM-F085

RMS: U66452

PACKAGE: DPAK-JEDEC

Test	Specification	Condition	Interval	Result
HTSL	JESD22-A103	Ta= 150 °C	1008 hrs	0/80
PC	J-STD-020, JESD-A113	MSL1@260°C (Per datasheet as required)		
H3TRB-PC	JESD22-A101	Ta= = 85 °C, RH= 85%, bias= 100V for 1008 hrs	1008_hrs	0/80
TC-PC	JESD22-A104	Ta= - 55°C to +150°C	1000 cyc	0/80
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/15
LI	JESD22B105	Condition C lead fatigue		0/15

QV DEVICE NAME: FQD12N20LTM-F085

RMS: U66461

PACKAGE: DPAK-JEDEC

Test	Specification	Condition	Interval	Result
HTSL	JESD22-A103	Ta= =150 °C	1008 hrs	0/80
PC	J-STD-020, JESD-A113	MSL1@260°C (Per datasheet as required)		
H3TRB-PC	JESD22-A101	Ta= =85 °C, RH= 85%, bias= 100V for 1008 hrs	1008hrs	0/80
TC-PC	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/80
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/15
LI	JESD22B105	Condition C lead fatigue		0/15

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
FDD6N50FTM	FDD7N60NZTM
FDD2670	FDD7N60NZTM
FDD5670	FDD7N60NZTM
FDD3670	FDD7N60NZTM
FCD7N60TM	FDD7N60NZTM
FCD7N60TM-WS	FDD7N60NZTM
FCD5N60TM	FDD7N60NZTM
FCD5N60TM-WS	FDD7N60NZTM
FCD4N60TM	FDD7N60NZTM
FDD8874	FDD7N60NZTM
FQD2N60CTM	FDD7N60NZTM
FDD5680	FDD7N60NZTM
FDD3680	FDD7N60NZTM
FDD3706	FDD7N60NZTM
FQD1N60CTM	FDD7N60NZTM
FDD8876	FDD7N60NZTM
FDD3690	FDD7N60NZTM
FDD5690	FDD7N60NZTM
FDD6680AS	FDD7N60NZTM
FDD8882	FDD7N60NZTM
FDD8878	FDD7N60NZTM
FDD5614P	FDD7N60NZTM
FDD5612	FDD7N60NZTM
FDD306P	FDD7N60NZTM
FDD6630A	FDD7N60NZTM
FDD6530A	FDD7N60NZTM
FDD5N50NZFTM	FDD7N60NZTM
FDD5N50FTM-WS	FDD7N60NZTM
FDD7N25LZTM	FDD7N60NZTM



FDD5N50NZTM	FDD7N60NZTM
FGD3N60UNDF	FDD7N60NZTM
FDD7N20TM	FDD7N60NZTM
FDD6N25TM	FDD7N60NZTM
FDD18N20LZ	FDD7N60NZTM
FDU6N25	FDD7N60NZTM
FDD5N60NZTM	FDD7N60NZTM
FDD390N15A	FDD7N60NZTM
FDD3N50NZTM	FDD7N60NZTM
FDD6N20TM	FDD7N60NZTM
FDD3N40TM	FDD7N60NZTM
FDD8N50NZTM	FDD7N60NZTM
FDD10N20LZTM	FDD7N60NZTM
FDD850N10L	FDD7N60NZTM
FDD5N50TM-WS	FDD7N60NZTM
FDD5N50UTM-WS	FDD7N60NZTM
RFD14N05SM9A	FDD7N60NZTM
FQD5N50CTM-WS	FDD7N60NZTM
RFD14N05LSM	FDD7N60NZTM
KSC5402DTF	FDD7N60NZTM
RFD16N05SM9A	FDD7N60NZTM
HUF75321D3ST	FDD7N60NZTM
FCD850N80Z	FQD12N20LTM-F085
FQD1N80TM	FQD12N20LTM-F085
FDD390N15ALZ	FQD12N20LTM-F085
FDD1600N10ALZ	FQD12N20LTM-F085
FQD2N100TM	FQD12N20LTM-F085
FDD4141	FQD12N20LTM-F085
FDD13AN06A0	FQD12N20LTM-F085
FQD2N80TM	FQD12N20LTM-F085
FDD4243	FQD12N20LTM-F085
FCD380N60E	FQD12N20LTM-F085
FDD3672	FQD12N20LTM-F085
FDD6637	FQD12N20LTM-F085



FQD6N60CTM-WS	FQD12N20LTM-F085
FDD86102LZ	FQD12N20LTM-F085
FDD86252	FQD12N20LTM-F085
FDD8896	FQD12N20LTM-F085
FDD3682	FQD12N20LTM-F085
FDD4685	FQD12N20LTM-F085
FDD8447L	FQD12N20LTM-F085
FDD8770	FQD12N20LTM-F085
FCD2250N80Z	FQD12N20LTM-F085
FDD6685	FQD12N20LTM-F085
FDD86540	FQD12N20LTM-F085
FQD2N90TM	FQD12N20LTM-F085
FDD86102	FQD12N20LTM-F085
FQD5N60CTM-WS	FQD12N20LTM-F085
FDD86110	FQD12N20LTM-F085
FQD5N15TM	FQD12N20LTM-F085
FDD3860	FQD12N20LTM-F085
FDD8880	FQD12N20LTM-F085
FCD900N60Z	FQD12N20LTM-F085
FDD2582	FQD12N20LTM-F085
FDD10AN06A0	FQD12N20LTM-F085
FDD8444	FQD12N20LTM-F085
FDD8880-G	FQD12N20LTM-F085
FQD3P50TM	FQD12N20LTM-F085
FCD1300N80Z	FQD12N20LTM-F085
FCD600N60Z	FQD12N20LTM-F085
FDD8453LZ	FQD12N20LTM-F085
FDD16AN08A0	FQD12N20LTM-F085
FCD620N60ZF	FQD12N20LTM-F085
FDD5353	FQD12N20LTM-F085
FQD6N50CTM	FQD12N20LTM-F085
FDD2572	FQD12N20LTM-F085
MTD3055VL	FQD12N20LTM-F085
FDD8896-G	FQD12N20LTM-F085



FGD4536TM	FQD12N20LTM-F085
FQD5N60CTM	FQD12N20LTM-F085
FDD8870	FQD12N20LTM-F085
FDD8647L	FQD12N20LTM-F085
FQD2N60CTM-WS	FQD12N20LTM-F085
FQD4P40TM	FQD12N20LTM-F085
FCD9N60NTM	FQD12N20LTM-F085
FDD86250	FQD12N20LTM-F085
FQD7N30TM	FQD12N20LTM-F085
FDD4N60NZ	FQD12N20LTM-F085
FDD8782	FQD12N20LTM-F085
FDD8451	FQD12N20LTM-F085
HUF76609D3ST	FQD12N20LTM-F085
HUF76629D3ST	FQD12N20LTM-F085
FCD3400N80Z	FQD12N20LTM-F085
FQD3P50TM-AM002BLT	FQD12N20LTM-F085
FDD6690A	FQD12N20LTM-F085
FDD6612A	FQD12N20LTM-F085
FDD6635	FQD12N20LTM-F085
FDD86113LZ	FQD12N20LTM-F085
FDD8780	FQD12N20LTM-F085
FDD8778	FQD12N20LTM-F085
FDD6688	FQD12N20LTM-F085
FDD86326	FQD12N20LTM-F085
FQD3N60CTM-WS	FQD12N20LTM-F085
FDD6296	FQD12N20LTM-F085
FQD4P40TM-AM002	FQD12N20LTM-F085
FDD120AN15A0	FQD12N20LTM-F085
RURD620CCS9A	FQD12N20LTM-F085
FGD5T120SH	FQD12N20LTM-F085
FQD7P20TM	FQD12N20LTM-F085
FDD3860-G	FQD12N20LTM-F085
FDD6030L	FQD12N20LTM-F085
FDD6670A	FQD12N20LTM-F085



FDD8796	FQD12N20LTM-F085
MTD3055V	FQD12N20LTM-F085
FDD4243-G	FQD12N20LTM-F085
FCD260N65S3	FQD12N20LTM-F085
FCD600N65S3R0	FQD12N20LTM-F085
FQD17N08LTM	FQD12N20LTM-F085
FQD9N25TM-F080	FQD12N20LTM-F085
FQD10N20LTM	FQD12N20LTM-F085
FJD5553TM	FDD6N50TM-F085
KSC5502DTM	FDD6N50TM-F085
FJD5304DTF	FDD6N50TM-F085
HGTD1N120BNS9A	FDD6N50TM-F085
FJD5555TM	FDD6N50TM-F085
SSR1N60BTM-WS	FDD6N50TM-F085
FQD12N20LTM	FDD6N50TM-F085
FQD18N20V2TM	FDD6N50TM-F085
FQD13N06LTM	FDD6N50TM-F085
FQD13N10LTM	FDD6N50TM-F085
FQD16N25CTM	FDD6N50TM-F085
FQD19N10TM	FDD6N50TM-F085
FQD17P06TM	FDD6N50TM-F085
FQD30N06TM	FDD6N50TM-F085
FQD13N10TM	FDD6N50TM-F085
FQD6N25TM	FDD6N50TM-F085
FQD7N10LTM	FDD6N50TM-F085
FQD5N20LTM	FDD6N50TM-F085
HUF76407D3ST	FDD6N50TM-F085
FQD7P06TM	FDD6N50TM-F085
FQD7N20LTM	FDD6N50TM-F085
HGTD7N60C3S9A	FDD6N50TM-F085
FQD13N06TM	FDD6N50TM-F085
FQD5P10TM	FDD6N50TM-F085
FQD12N20TM	FDD6N50TM-F085
FQD9N25TM	FDD6N50TM-F085



FQD4N25TM-WS	FDD6N50TM-F085
RFD12N06RLESM9A	FDD6N50TM-F085
RFD3055LESM9A	FDD6N50TM-F085
FQD2P40TM	FDD6N50TM-F085
FDD6N50TM-WS	FDD7N60NZTM
FDD6N50TM	FDD7N60NZTM
FDD7N60NZTM	FDD7N60NZTM
HUF75329D3ST	FDD6N50TM-F085
RFD16N05LSM9A	FDD6N50TM-F085
RFD16N06LESM9A	FDD6N50TM-F085
RFD14N05LSM9A	FDD6N50TM-F085
FQD10N20CTM	FDD6N50TM-F085
FQD11P06TM	FDD6N50TM-F085
FQD19N10LTM	FDD6N50TM-F085
FQD4N20TM	FDD6N50TM-F085
FQD4P25TM-WS	FDD6N50TM-F085
FQD5P20TM	FDD6N50TM-F085
FQD6N40CTM	FDD6N50TM-F085
FQD8P10TM	FDD6N50TM-F085
FQD20N06TM	FDD6N50TM-F085
FJD3305H1TM	FDD6N50TM-F085
FDD050N03B	FDD6N50TM-F085

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# : FPCN23288X

発行日: 13 Aug 2020

変更件名:	DPAK-JEDEC 3L のリードフレームとしてセカンドソース KangQiang と母材の認定	
初回出荷予定日:	20 Nov 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 Daisy.Zhi@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:	お客さまの地域のオン・セミコンダクター営業所または KunChen.Ge@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:	マーキングおよび日付コードによるトレーサビリティに変更なし。	
変更カテゴリ:	組立の変更	
変更サブカテゴリ:	材料の変更	
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	無し	
説明および目的:	<p>リードフレームのセカンドソースサプライヤーおよび母材 C19210 (KFC) の認定。</p> <p>現行のリードフレーム母材 C14415 は、市場にて品薄状態にあり、納品まで 4 ヶ月要します。</p> <p>この変更の目的は、DPAK- Jedec 3L の代替サプライヤーを追加し、サプライチェーンの継続性を保つことです。</p>	
	変更前の表記	変更後の表記
リードフレーム	Current Leadframe with C14415	Add alternative leadframe with C19210
今回の変更に伴う製品マーキングの変更はありません。		



信頼性データの要約:

デバイス名: FDD7N60NZTM

RMS : U66399

パッケージ : DPAK-JEDEC

テスト	仕様	条件	間隔	結果
HTSL	JESD22-A103	Ta= 150 °C	1008 hrs	0/80
PC	J-STD-020, JESD-A113	MSL1@260°C (Per datasheet as required)		
TC-PC	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/80
UHAST-PC	JESD22-A118	130°C,85%RH,18.8psig,unbiased	96hrs	0/80
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/15
LI	JESD22B105	Condition C lead fatigue		0/15

デバイス名: FDD6N50TM-F085

RMS : U66452

パッケージ : DPAK-JEDEC

テスト	仕様	条件	間隔	結果
HTSL	JESD22-A103	Ta= 150 °C	1008 hrs	0/80
PC	J-STD-020, JESD-A113	MSL1@260°C (Per datasheet as required)		
H3TRB-PC	JESD22-A101	Ta= = 85 °C, RH= 85%, bias= 100V for 1008 hrs	1008_hrs	0/80
TC-PC	JESD22-A104	Ta= - 55°C to +150°C	1000 cyc	0/80
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/15
LI	JESD22B105	Condition C lead fatigue		0/15

デバイス名: FQD12N20LTM-F085

RMS : U66461

パッケージ : DPAK-JEDEC

テスト	仕様	条件	間隔	結果
HTSL	JESD22-A103	Ta= =150 °C	1008 hrs	0/80
PC	J-STD-020, JESD-A113	MSL1@260°C (Per datasheet as required)		
H3TRB-PC	JESD22-A101	Ta= =85 °C, RH= 85%, bias= 100V for 1008 hrs	1008hrs	0/80
TC-PC	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/80
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/15
LI	JESD22B105	Condition C lead fatigue		0/15



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
FDD6N50FTM	FDD7N60NZTM
FDD2670	FDD7N60NZTM
FDD5670	FDD7N60NZTM
FDD3670	FDD7N60NZTM
FCD7N60TM	FDD7N60NZTM
FCD7N60TM-WS	FDD7N60NZTM
FCD5N60TM	FDD7N60NZTM
FCD5N60TM-WS	FDD7N60NZTM
FCD4N60TM	FDD7N60NZTM
FDD8874	FDD7N60NZTM
FQD2N60CTM	FDD7N60NZTM
FDD5680	FDD7N60NZTM
FDD3680	FDD7N60NZTM
FDD3706	FDD7N60NZTM
FQD1N60CTM	FDD7N60NZTM
FDD8876	FDD7N60NZTM
FDD3690	FDD7N60NZTM
FDD5690	FDD7N60NZTM
FDD6680AS	FDD7N60NZTM
FDD8882	FDD7N60NZTM
FDD8878	FDD7N60NZTM
FDD5614P	FDD7N60NZTM
FDD5612	FDD7N60NZTM
FDD306P	FDD7N60NZTM
FDD6630A	FDD7N60NZTM
FDD6530A	FDD7N60NZTM
FDD5N50NZFTM	FDD7N60NZTM



FDD5N50FTM-WS	FDD7N60NZTM
FDD7N25LZTM	FDD7N60NZTM
FDD5N50NZTM	FDD7N60NZTM
FGD3N60UNDF	FDD7N60NZTM
FDD7N20TM	FDD7N60NZTM
FDD6N25TM	FDD7N60NZTM
FDD18N20LZ	FDD7N60NZTM
FDU6N25	FDD7N60NZTM
FDD5N60NZTM	FDD7N60NZTM
FDD390N15A	FDD7N60NZTM
FDD3N50NZTM	FDD7N60NZTM
FDD6N20TM	FDD7N60NZTM
FDD3N40TM	FDD7N60NZTM
FDD8N50NZTM	FDD7N60NZTM
FDD10N20LZTM	FDD7N60NZTM
FDD850N10L	FDD7N60NZTM
FDD5N50TM-WS	FDD7N60NZTM
FDD5N50UTM-WS	FDD7N60NZTM
RFD14N05SM9A	FDD7N60NZTM
FQD5N50CTM-WS	FDD7N60NZTM
RFD14N05LSM	FDD7N60NZTM
KSC5402DTF	FDD7N60NZTM
RFD16N05SM9A	FDD7N60NZTM
HUF75321D3ST	FDD7N60NZTM
FCD850N80Z	FQD12N20LTM-F085
FQD1N80TM	FQD12N20LTM-F085
FDD390N15ALZ	FQD12N20LTM-F085
FDD1600N10ALZ	FQD12N20LTM-F085
FQD2N100TM	FQD12N20LTM-F085
FDD4141	FQD12N20LTM-F085
FDD13AN06A0	FQD12N20LTM-F085
FQD2N80TM	FQD12N20LTM-F085
FDD4243	FQD12N20LTM-F085
FCD380N60E	FQD12N20LTM-F085
FDD3672	FQD12N20LTM-F085



FDD6637	FQD12N20LTM-F085
FQD6N60CTM-WS	FQD12N20LTM-F085
FDD86102LZ	FQD12N20LTM-F085
FDD86252	FQD12N20LTM-F085
FDD8896	FQD12N20LTM-F085
FDD3682	FQD12N20LTM-F085
FDD4685	FQD12N20LTM-F085
FDD8447L	FQD12N20LTM-F085
FDD8770	FQD12N20LTM-F085
FCD2250N80Z	FQD12N20LTM-F085
FDD6685	FQD12N20LTM-F085
FDD86540	FQD12N20LTM-F085
FQD2N90TM	FQD12N20LTM-F085
FDD86102	FQD12N20LTM-F085
FQD5N60CTM-WS	FQD12N20LTM-F085
FDD86110	FQD12N20LTM-F085
FQD5N15TM	FQD12N20LTM-F085
FDD3860	FQD12N20LTM-F085
FDD8880	FQD12N20LTM-F085
FCD900N60Z	FQD12N20LTM-F085
FDD2582	FQD12N20LTM-F085
FDD10AN06A0	FQD12N20LTM-F085
FDD8444	FQD12N20LTM-F085
FDD8880-G	FQD12N20LTM-F085
FQD3P50TM	FQD12N20LTM-F085
FCD1300N80Z	FQD12N20LTM-F085
FCD600N60Z	FQD12N20LTM-F085
FDD8453LZ	FQD12N20LTM-F085
FDD16AN08A0	FQD12N20LTM-F085
FCD620N60ZF	FQD12N20LTM-F085
FDD5353	FQD12N20LTM-F085
FQD6N50CTM	FQD12N20LTM-F085
FDD2572	FQD12N20LTM-F085
MTD3055VL	FQD12N20LTM-F085
FDD8896-G	FQD12N20LTM-F085



FGD4536TM	FQD12N20LTM-F085
FQD5N60CTM	FQD12N20LTM-F085
FDD8870	FQD12N20LTM-F085
FDD8647L	FQD12N20LTM-F085
FQD2N60CTM-WS	FQD12N20LTM-F085
FQD4P40TM	FQD12N20LTM-F085
FCD9N60NTM	FQD12N20LTM-F085
FDD86250	FQD12N20LTM-F085
FQD7N30TM	FQD12N20LTM-F085
FDD4N60NZ	FQD12N20LTM-F085
FDD8782	FQD12N20LTM-F085
FDD8451	FQD12N20LTM-F085
HUF76609D3ST	FQD12N20LTM-F085
HUF76629D3ST	FQD12N20LTM-F085
FCD3400N80Z	FQD12N20LTM-F085
FQD3P50TM-AM002BLT	FQD12N20LTM-F085
FDD6690A	FQD12N20LTM-F085
FDD6612A	FQD12N20LTM-F085
FDD6635	FQD12N20LTM-F085
FDD86113LZ	FQD12N20LTM-F085
FDD8780	FQD12N20LTM-F085
FDD8778	FQD12N20LTM-F085
FDD6688	FQD12N20LTM-F085
FDD86326	FQD12N20LTM-F085
FQD3N60CTM-WS	FQD12N20LTM-F085
FDD6296	FQD12N20LTM-F085
FQD4P40TM-AM002	FQD12N20LTM-F085
FDD120AN15A0	FQD12N20LTM-F085
RURD620CCS9A	FQD12N20LTM-F085
FGD5T120SH	FQD12N20LTM-F085
FQD7P20TM	FQD12N20LTM-F085
FDD3860-G	FQD12N20LTM-F085
FDD6030L	FQD12N20LTM-F085
FDD6670A	FQD12N20LTM-F085
FDD8796	FQD12N20LTM-F085



MTD3055V	FQD12N20LTM-F085
FDD4243-G	FQD12N20LTM-F085
FCD260N65S3	FQD12N20LTM-F085
FCD600N65S3R0	FQD12N20LTM-F085
FQD17N08LTM	FQD12N20LTM-F085
FQD9N25TM-F080	FQD12N20LTM-F085
FQD10N20LTM	FQD12N20LTM-F085
FJD5553TM	FDD6N50TM-F085
KSC5502DTM	FDD6N50TM-F085
FJD5304DTF	FDD6N50TM-F085
HGTD1N120BNS9A	FDD6N50TM-F085
FJD5555TM	FDD6N50TM-F085
SSR1N60BTM-WS	FDD6N50TM-F085
FQD12N20LTM	FDD6N50TM-F085
FQD18N20V2TM	FDD6N50TM-F085
FQD13N06LTM	FDD6N50TM-F085
FQD13N10LTM	FDD6N50TM-F085
FQD16N25CTM	FDD6N50TM-F085
FQD19N10TM	FDD6N50TM-F085
FQD17P06TM	FDD6N50TM-F085
FQD30N06TM	FDD6N50TM-F085
FQD13N10TM	FDD6N50TM-F085
FQD6N25TM	FDD6N50TM-F085
FQD7N10LTM	FDD6N50TM-F085
FQD5N20LTM	FDD6N50TM-F085
HUF76407D3ST	FDD6N50TM-F085
FQD7P06TM	FDD6N50TM-F085
FQD7N20LTM	FDD6N50TM-F085
HGTD7N60C3S9A	FDD6N50TM-F085
FQD13N06TM	FDD6N50TM-F085
FQD5P10TM	FDD6N50TM-F085
FQD12N20TM	FDD6N50TM-F085
FQD9N25TM	FDD6N50TM-F085
FQD4N25TM-WS	FDD6N50TM-F085
RFD12N06RLESM9A	FDD6N50TM-F085



RFD3055LESM9A	FDD6N50TM-F085
FQD2P40TM	FDD6N50TM-F085
FDD6N50TM-WS	FDD7N60NZTM
FDD6N50TM	FDD7N60NZTM
FDD7N60NZTM	FDD7N60NZTM
HUF75329D3ST	FDD6N50TM-F085
RFD16N05LSM9A	FDD6N50TM-F085
RFD16N06LESM9A	FDD6N50TM-F085
RFD14N05LSM9A	FDD6N50TM-F085
FQD10N20CTM	FDD6N50TM-F085
FQD11P06TM	FDD6N50TM-F085
FQD19N10LTM	FDD6N50TM-F085
FQD4N20TM	FDD6N50TM-F085
FQD4P25TM-WS	FDD6N50TM-F085
FQD5P20TM	FDD6N50TM-F085
FQD6N40CTM	FDD6N50TM-F085
FQD8P10TM	FDD6N50TM-F085
FQD20N06TM	FDD6N50TM-F085
FJD3305H1TM	FDD6N50TM-F085
FDD050N03B	FDD6N50TM-F085



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDD6N50FTM		FDD7N60NZTM		
FDD5670		FDD7N60NZTM		
FDD2670		FDD7N60NZTM		
FQD2N100TM		FQD12N20LTM-F085		
FDD4141		FQD12N20LTM-F085		
FDD4243		FQD12N20LTM-F085		
FDD3672		FQD12N20LTM-F085		
FDD6637		FQD12N20LTM-F085		
FDD86252		FQD12N20LTM-F085		
FDD8896		FQD12N20LTM-F085		
FDD3682		FQD12N20LTM-F085		
FDD4685		FQD12N20LTM-F085		
FDD8770		FQD12N20LTM-F085		
FCD2250N80Z		FQD12N20LTM-F085		
FDD6685		FQD12N20LTM-F085		
FDD86102		FQD12N20LTM-F085		
FDD86110		FQD12N20LTM-F085		
FQD5N15TM		FQD12N20LTM-F085		
FDD8880		FQD12N20LTM-F085		
FCD900N60Z		FQD12N20LTM-F085		
FDD8453LZ		FQD12N20LTM-F085		
FCD620N60ZF		FQD12N20LTM-F085		
FDD5353		FQD12N20LTM-F085		
FDD2572		FQD12N20LTM-F085		
FQD5N60CTM		FQD12N20LTM-F085		
FDD8870		FQD12N20LTM-F085		
FCD9N60NTM		FQD12N20LTM-F085		
FDD86250		FQD12N20LTM-F085		
FDD4N60NZ		FQD12N20LTM-F085		
HUF76609D3ST		FQD12N20LTM-F085		
HUF76629D3ST		FQD12N20LTM-F085		
FCD3400N80Z		FQD12N20LTM-F085		
FDD6690A		FQD12N20LTM-F085		
FDD6635		FQD12N20LTM-F085		
FDD86113LZ		FQD12N20LTM-F085		
FDD8780		FQD12N20LTM-F085		
FDD8778		FQD12N20LTM-F085		
FQD3N60CTM-WS		FQD12N20LTM-F085		
RURD620CCS9A		FQD12N20LTM-F085		
FGD5T120SH		FQD12N20LTM-F085		
FJD5304DTF		FDD6N50TM-F085		
HGTD1N120BNS9A		FDD6N50TM-F085		



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FJD5555TM		FDD6N50TM-F085		
FQD12N20LTM		FDD6N50TM-F085		
FQD13N06LTM		FDD6N50TM-F085		
FQD13N10LTM		FDD6N50TM-F085		
FQD17P06TM		FDD6N50TM-F085		
FQD13N10TM		FDD6N50TM-F085		
FQD7N10LTM		FDD6N50TM-F085		
HGTD7N60C3S9A		FDD6N50TM-F085		
FQD13N06TM		FDD6N50TM-F085		
FQD5P10TM		FDD6N50TM-F085		
FQD12N20TM		FDD6N50TM-F085		
RFD12N06RLESM9A		FDD6N50TM-F085		
RFD3055LESM9A		FDD6N50TM-F085		
FQD2P40TM		FDD6N50TM-F085		
FDD6N50TM-WS		FDD7N60NZTM		
FDD7N60NZTM		FDD7N60NZTM		
HUF75329D3ST		FDD6N50TM-F085		
FQD4P25TM-WS		FDD6N50TM-F085		
FQD8P10TM		FDD6N50TM-F085		
FDD3670		FDD7N60NZTM		
FCD7N60TM		FDD7N60NZTM		
FCD7N60TM-WS		FDD7N60NZTM		
FCD5N60TM		FDD7N60NZTM		
FCD5N60TM-WS		FDD7N60NZTM		
FCD4N60TM		FDD7N60NZTM		
FDD8874		FDD7N60NZTM		
FQD2N60CTM		FDD7N60NZTM		
FDD5680		FDD7N60NZTM		
FDD3680		FDD7N60NZTM		
FDD3706		FDD7N60NZTM		
FQD1N60CTM		FDD7N60NZTM		
FDD8876		FDD7N60NZTM		
FDD3690		FDD7N60NZTM		
FDD5690		FDD7N60NZTM		
FDD6680AS		FDD7N60NZTM		
FDD8882		FDD7N60NZTM		
FDD8878		FDD7N60NZTM		
FDD5614P		FDD7N60NZTM		
FDD5612		FDD7N60NZTM		
FDD306P		FDD7N60NZTM		
FDD6630A		FDD7N60NZTM		
FDD6530A		FDD7N60NZTM		



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDD5N50NZFTM		FDD7N60NZTM		
FDD5N50FTM-WS		FDD7N60NZTM		
FDD7N25LZTM		FDD7N60NZTM		
FDD5N50NZTM		FDD7N60NZTM		
FGD3N60UNDF		FDD7N60NZTM		
FDD7N20TM		FDD7N60NZTM		
FDD6N25TM		FDD7N60NZTM		
FDD18N20LZ		FDD7N60NZTM		
FDU6N25		FDD7N60NZTM		
FDD5N60NZTM		FDD7N60NZTM		
FDD390N15A		FDD7N60NZTM		
FDD3N50NZTM		FDD7N60NZTM		
FDD6N20TM		FDD7N60NZTM		
FDD3N40TM		FDD7N60NZTM		
FDD8N50NZTM		FDD7N60NZTM		
FDD10N20LZTM		FDD7N60NZTM		
FDD850N10L		FDD7N60NZTM		
FDD5N50TM-WS		FDD7N60NZTM		
FDD5N50UTM-WS		FDD7N60NZTM		
RFD14N05SM9A		FDD7N60NZTM		
RFD14N05LSM		FDD7N60NZTM		
KSC5402DTF		FDD7N60NZTM		
RFD16N05SM9A		FDD7N60NZTM		
HUF75321D3ST		FDD7N60NZTM		
FCD850N80Z		FQD12N20LTM-F085		
FQD1N80TM		FQD12N20LTM-F085		
FDD390N15ALZ		FQD12N20LTM-F085		
FDD1600N10ALZ		FQD12N20LTM-F085		
FDD13AN06A0		FQD12N20LTM-F085		
FQD2N80TM		FQD12N20LTM-F085		
FCD380N60E		FQD12N20LTM-F085		
FDD86102LZ		FQD12N20LTM-F085		
FDD8447L		FQD12N20LTM-F085		
FDD86540		FQD12N20LTM-F085		
FQD2N90TM		FQD12N20LTM-F085		
FDD3860		FQD12N20LTM-F085		
FDD2582		FQD12N20LTM-F085		
FDD10AN06A0		FQD12N20LTM-F085		
FDD8444		FQD12N20LTM-F085		
FQD3P50TM		FQD12N20LTM-F085		
FCD1300N80Z		FQD12N20LTM-F085		
FCD600N60Z		FQD12N20LTM-F085		



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDD16AN08A0		FQD12N20LTM-F085		
FQD6N50CTM		FQD12N20LTM-F085		
MTD3055VL		FQD12N20LTM-F085		
FDD8647L		FQD12N20LTM-F085		
FQD2N60CTM-WS		FQD12N20LTM-F085		
FQD4P40TM		FQD12N20LTM-F085		
FQD7N30TM		FQD12N20LTM-F085		
FDD8782		FQD12N20LTM-F085		
FDD8451		FQD12N20LTM-F085		
FDD6612A		FQD12N20LTM-F085		
FDD6688		FQD12N20LTM-F085		
FDD86326		FQD12N20LTM-F085		
FDD6296		FQD12N20LTM-F085		
FDD120AN15A0		FQD12N20LTM-F085		
FQD7P20TM		FQD12N20LTM-F085		
FDD6030L		FQD12N20LTM-F085		
FDD6670A		FQD12N20LTM-F085		
FDD8796		FQD12N20LTM-F085		
MTD3055V		FQD12N20LTM-F085		
FQD10N20LTM		FQD12N20LTM-F085		
FJD5553TM		FDD6N50TM-F085		
KSC5502DTM		FDD6N50TM-F085		
FQD18N20V2TM		FDD6N50TM-F085		
FQD16N25CTM		FDD6N50TM-F085		
FQD19N10TM		FDD6N50TM-F085		
FQD30N06TM		FDD6N50TM-F085		
FQD6N25TM		FDD6N50TM-F085		
FQD5N20LTM		FDD6N50TM-F085		
HUF76407D3ST		FDD6N50TM-F085		
FQD7P06TM		FDD6N50TM-F085		
FQD7N20LTM		FDD6N50TM-F085		
FQD9N25TM		FDD6N50TM-F085		
FQD4N25TM-WS		FDD6N50TM-F085		
RFD16N05LSM9A		FDD6N50TM-F085		
RFD16N06LESM9A		FDD6N50TM-F085		
RFD14N05LSM9A		FDD6N50TM-F085		
FQD10N20CTM		FDD6N50TM-F085		
FQD11P06TM		FDD6N50TM-F085		
FQD19N10LTM		FDD6N50TM-F085		
FQD4N20TM		FDD6N50TM-F085		
FQD5P20TM		FDD6N50TM-F085		
FQD6N40CTM		FDD6N50TM-F085		



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FQD20N06TM		FDD6N50TM-F085		
FJD3305H1TM		FDD6N50TM-F085		
FDD050N03B		FDD6N50TM-F085		