ON Semiconductor®

Initial Product/Process Change Notification

Document # : IPCN22647XD
Issue Date: 19 March 2019

Title of Change:	Mold compound change due to End of Life of Samsung SDI molding compound – Batch 5	
Proposed First Ship date:	4 January 2020	
Contact Information:	Contact your local ON Semiconductor Sales Office or < PCN.Support@onsemi.com>	
Samples:	Samples should be available after completion of qualification. 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.	
Type of Notification:	This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact <PCN.Support@onsemi.com>	
Change Part Identification:	Product with date code 2001 or newer will be assembled with a new mold compound.	
Change Category:	☐ Wafer Fab Change ☑ Assembly Change ☐ Test Change ☐ Other _____	
Change Sub-Category(s):	☐ Manufacturing Site Addition ☐ Manufacturing Site Transfer ☐ Manufacturing Process Change ☑ Material Change ☐ Product specific change ☐ Datasheet/Product Doc change ☐ Shipping/Packaging/Marking ☐ Other: _____	
Sites Affected:	ON Semiconductor Sites: ON Tarlac City, Philippines ON Suzhou, China	External Foundry/Subcon Sites: ASE Weihai AUK Dalian Ocean Fine Shantou Huashan Electronic Devices SP Semiconductor and Communications Tak Cheong Electronics Shanwei Universal Global Scientific Industrial

Description and Purpose:

ON Semiconductor would like to inform its customers of a change in the mold compound for the devices listed in this IPCN. This change is a result of an end of life notification received for Samsung SDI EMC. The replacement mold compound is still being decided for many packages and will be declared on the Final Product Change Notification, which will be sent out 97 days prior to its implementation.

	Before Change Description	After Change Description
Mold Compound (TO220F-4 Package)	Samsung ST-7100HS	TBD
Mold Compound (TO220-2 Package)	Samsung SL7300HFM/SI7200DX2/SG8200DL/SG8300HK	TBD
Mold Compound (TO220F-3 Package)	Samsung SL7300HFM/SI7200DX2/SG8200DL/SG8300HK	TBD
Mold Compound (TO3P-5 Package)	Samsung SI7200DX2	TBD
Mold Compound (TO3P-3 Package)	Samsung SL7300HXM/SI7200DX2/SG8200DL	TBD
Mold Compound (TO264-3 Package)	Samsung SL7300HFM	TBD
Mold Compound (TO247-2 Package)	Samsung SG8200DL/SL7300HFM	TBD
Mold Compound (TO247-3 Package)	Samsung SG8200DL/SL7300HFM	TBD
Mold Compound (TP247-3 Package)	Samsung SG8200DL	TBD
Mold Compound (TP247-4 Package)	Samsung SG8200DL/SL7300HFM	TBD
Mold Compound (D2PAK-3 Package)	Samsung SG8200DL	Sumitomo EME-G700HF
Mold Compound (SPM5 Package)	Samsung SL7300HW	KCC KTMC3100GP3
Mold Compound (SPM3 Package)	Samsung SL7300HW	TBD

The qualifications will be completed as quickly as possible, but due to the number of qualifications being performed, multiple Final Product Change Notifications (FPCNs) will be released to customers as the various packages/locations are qualified.

There is no product marking change as a result of this change.

Qualification Plan:

All Packages will follow the generic plans shown below based on Package type and application:

IC non-auto:

Test	Specification	Condition	Interval
HTOL	JESD22-A108	Ta= TBD °C, 100 % max rated Vcc	1008 hrs
HTSL	JESD22-A103	Ta= max Tj stg °C	1008 hrs
TC	JESD22-A104	Ta= - 65°C to +150°C	1000 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J-STD-020 JESD-A113	MSL ____ @ _____ °C (per datasheet as required)	
RSH	JESD22- B106	Ta = 265C, 10 sec	
SD	JSTD002	Ta = 245C, 10 sec	

Discrete non-auto:

Test	Specification	Condition	Interval
HTRB	JESD22-A108	Ta= max Tj°C, 80% max rated V	1008 hrs
HTGB	JESD22-A108	Ta= max Tj°C, 100% max rated Vgss (tech specific)	1008 hrs
HTSL	JESD22-A103	Ta= max Tj stg	1008 hrs
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = TBD by pkg min	TBD cyc determined by pkg
TC	JESD22-A104	Ta= - 65°C to +150°C	1000 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J-STD-020 JESD-A113	MSL ____ @ _____ °C as required by MSL level on datasheet (SMT)	
RSH	JESD22- B106	Ta = 265C, 10 sec	
SD	JSTD002	Ta = 245C, 10 sec	

Estimated date for qualification completion: 30 August 2019 For first packages with additional qualifications after this date.

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
FDP6030BL	FDP8440
FDP7030BL	FDP8440
FDP8030L	FDP8440
FDP8860	FDP8440
FDP8870	FDP8440
FDP8874	FDP8440
FDP8880	FDP8440
FDP8896	FDP8440
FFSH10120A	FFSH40120ADN-F085
FFSH10120ADN-F155	FFSH40120ADN-F085
FFSH15120A	FFSH40120ADN-F085
FFSH15120ADN-F155	FFSH40120ADN-F085
FFSH1665A	FFSH40120ADN-F085
FFSH1665ADN-F155	FFSH40120ADN-F085
FFSH20120A	FFSH40120ADN-F085
FFSH20120ADN-F155	FFSH40120ADN-F085
FFSH2065A	FFSH40120ADN-F085
FFSH2065ADN-F155	FFSH40120ADN-F085
FFSH30120A	FFSH40120ADN-F085
FFSH30120ADN-F155	FFSH40120ADN-F085
FFSH3065A	FFSH40120ADN-F085
FFSH3065ADN-F155	FFSH40120ADN-F085
FFSH40120A	FFSH40120ADN-F085
FFSH40120ADN-F155	FFSH40120ADN-F085
FFSH4065A	FFSH40120ADN-F085
FFSH4065ADN-F155	FFSH40120ADN-F085
FFSH50120A	FFSH40120ADN-F085
FFSH5065A	FFSH40120ADN-F085
FFSP0465A	FFSP20120A
FFSP05120A	FFSP20120A
FFSP0665A	FFSP20120A

FFSP08120A	FFSP20120A
FFSP0865A	FFSP20120A
FFSP10120A	FFSP20120A
FFSP1065A	FFSP20120A
FFSP1065A-FCST	FFSP20120A
FFSP1265A	FFSP20120A
FFSP15120A	FFSP20120A
FFSP1665A	FFSP20120A
FFSP20120A	FFSP20120A
FFSP2065A	FFSP20120A
FFSP3065A	FFSP20120A
NDP6020P	FQP27P06-SW82127
NTHL080N120SC1-FCST	SVHL080N120SC1
FS7M0880TU	FS7M0880TU
FS7M0880YDTU	FS7M0880TU
KA1H0165RTU	KA5L0380RYDTU
KA1M0565RTU	KA5L0380RYDTU
KA1M0565RYDTU	KA5L0380RYDTU
KA5H0165RTU	KA5L0380RYDTU
KA5H0165RYDTU	KA5L0380RYDTU
KA5H0365RTU	KA5L0380RYDTU
KA5H0380RTU	KA5L0380RYDTU
KA5H0380RYDTU	KA5L0380RYDTU
KA5L0380RYDTU	KA5L0380RYDTU
KA5L0565RYDTU	KA5L0380RYDTU
KA5M0265RYDTU	KA5L0380RYDTU
KA5M0365RTU	KA5L0380RYDTU
KA5M0365RYDTU	KA5L0380RYDTU
KA5M0380RTU	KA5L0380RYDTU
KA5M0380RYDTU	KA5L0380RYDTU
2SA2210-1E	2SA2210-1E
2SA2210-EPN-1E	2SA2210-1E
2SA2222SG	2SA2210-1E
2SC6082-1E	2SD1060S-1E
2SC6082-EPN-1E	2SD1060S-1E
2SC6144SG	2SD1060S-1E

2SD1060R-1E	2SD1060S-1E
2SD1060S-1E	2SD1060S-1E
2SJ652-1E	BMS3004-1E
2SJ661-1E	2SJ661-1E
2SJ661-DL-1E	BBS3002-TL-1E
2SK3703-1E	NDFP03N150CG
2SK3745LS-1E	NDFP03N150CG
2SK3746-1E	NDUL09N150CG
2SK3747-1E	NDUL09N150CG
2SK4094-1E	2SK4094-1E
2SK4177-DL-1E	2SK4177-DL-1E
BBL4001-1E	NDFP03N150CG
BBS3002-DL-1E	BBS3002-TL-1E
BBS3002-TL-1E	BBS3002-TL-1E
BFL4026-1E	NDFP03N150CG
BMS3003-1E	BMS3004-1E
BMS3004-1E	BMS3004-1E
NDFP03N150CG	NDFP03N150CG
NDFPD1N150CG	NDFP03N150CG
NDTL03N150CG	NDTL03N150CG
NDUL03N150CG	NDUL09N150CG
NDUL09N150CG	NDUL09N150CG
SMP3003-DL-1E	BBS3002-TL-1E
SMP3003-TL-1E	BBS3002-TL-1E
WPH4003-1E	WPH4003-1E
FGA15N120ANTDTU-F109	FQA11N90-F109
FGA15S125P	FQA11N90-F109
FGA180N33ATDTU	FQA11N90-F109
FGA180N33ATTU	FQA11N90-F109
FGA20N120FTDTU	FQA11N90-F109
FGA20S125P-SN00336	FQA11N90-F109
FGA20S140P	FQA11N90-F109, FGA20S140P
FGA25N120ANTDTU	FQA11N90-F109
FGA25N120ANTDTU-F109	FQA11N90-F109
FGA3060ADF	FQA11N90-F109
FGA30N120FTDTU	FQA11N90-F109

FGA30N60LSDTU	FQA11N90-F109
FGA30N65SMD	TBD
FGA30S120P	FQA11N90-F109, FGA20S140P
FGA30T65SHD	FQA11N90-F109
FGA4060ADF	FQA11N90-F109
FGA40N65SMD	TBD
FGA40T65SHD	FQA11N90-F109
FGA40T65SHDF	FQA11N90-F109
FGA40T65UQDF	FQA11N90-F109
FGA5065ADF	FQA11N90-F109
FGA50N100BNTD2	FQA11N90-F109
FGA50N100BNTDTU	FQA11N90-F109
FGA50S110P	FQA11N90-F109
FGA50T65SHD	FQA11N90-F109
FGA6065ADF	FQA11N90-F109
FGA60N60UFDTU	FQA11N90-F109
FGA60N65SMD	TBD
FGA6530WDF	FQA11N90-F109
FGA6540WDF	FQA11N90-F109
FGA6560WDF	FQA11N90-F109
FGA90N33ATDTU	FQA11N90-F109
FGAF20N60SMD	FGAF40N60UFTU
FGAF40N60SMD	FGL40N120ANDTU
FGAF40N60UFDTU	FGL40N120ANDTU
FGAF40S65AQ	FGAF40N60UFTU
FGH12040WD-F155	FGY160T65SPD-F085
FGH15T120SMD-F155	FGY160T65SPD-F085
FGH20N60SFDTU	FGY160T65SPD-F085, HGTG27N120BN
FGH20N60UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH25N120FTDS	TBD
FGH25T120SMD-F155	FGY160T65SPD-F085
FGH30N60LSDTU	FGY160T65SPD-F085, HGTG27N120BN
FGH30S130P	FGY160T65SPD-F085
FGH30S150P	FGY160T65SPD-F085
FGH30T65UPDT-F155	TBD
FGH40N60SFDTU	FGY160T65SPD-F085, HGTG27N120BN

FGH40N60SFTU	FGY160T65SPD-F085, HGTG27N120BN
FGH40N60SMD	FGY160T65SPD-F085, FGH60N60SMD
FGH40N60SMDF	FGY160T65SPD-F085, FGH60N60SMD
FGH40N60UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH40N60UFTU	FGY160T65SPD-F085
FGH40N65UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH40T100SMD	FGY160T65SPD-F085
FGH40T100SMD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T120SMD	FGY160T65SPD-F085
FGH40T120SMD-F155	FGY160T65SPD-F085
FGH40T120SMDL4	FGY160T65SPD-F085
FGH40T65SHD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65SHDF-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65SH-F155	FGY160T65SPD-F085
FGH40T65SPD-F155	FGY160T65SPD-F085
FGH40T65SQD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65UPD	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65UQDF-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T70SHD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH50N6S2D	FGY160T65SPD-F085
FGH50T65SQD-F155	FGY160T65SPD-F085
FGH50T65UPD	TBD
FGH60N60SFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH60N60SFTU	FGY160T65SPD-F085
FGH60N60SMD	FGY160T65SPD-F085, FGH60N60SMD
FGH60N60UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH60T65SHD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH60T65SQD-F155	FGY160T65SPD-F085
FGH75N60UFTU	FGY160T65SPD-F085
FGH75T65SHD-F155	FGY160T65SPD-F085
FGH75T65SHDT-F155	FGY160T65SPD-F085
FGH75T65SHDTL4	FGY160T65SPD-F085
FGH75T65SHDTLN4	FGY160T65SPD-F085
FGH75T65SQD-F155	FGY160T65SPD-F085
FGH75T65SQDNL4	FGY160T65SPD-F085
FGH75T65SQDT-F155	FGY160T65SPD-F085

FGH75T65SQDTL4	FGY160T65SPD-F085
FGH75T65UPD-F155	FGY160T65SPD-F085
FGH80N60FD2TU	FGY160T65SPD-F085, FGH60N60SMD
FGH80N60FDTU	FGY160T65SPD-F085
FGL12040WD	TBD
FGL35N120FTDTU	TBD
FGL40N120ANDTU	FGL40N120ANDTU
FGL40N120ANTU	FGL40N120ANDTU
FGL60N100BNTD	FGL40N120ANDTU
FGL60N100BNTDTU	FGL40N120ANDTU
FGP10N60UNDF	HGTP20N60A4
FGP15N60UNDF	HGTP20N60A4
FGP20N60UFDTU	HGTP20N60A4
FGP5N60LS	HGTP20N60A4
FGPF4533RDTU	HGTP20N60A4
FGPF4536	FDPF2D3N10C
FGPF4565	FDPF2D3N10C
FGPF50N33BTTU	FDPF2D3N10C
FGY100T65SCDT	FGY160T65SPD-F085
FGY40T120SMD	FGY160T65SPD-F085
FGY75N60SMD	FGY160T65SPD-F085
HGTG10N120BND	HGTG27N120BN
HGTG11N120CND	TBD
HGTG12N60A4D	FGY160T65SPD-F085, FGH60N60SMD
HGTG12N60C3D	FGY160T65SPD-F085, FGH60N60SMD
HGTG20N60B3D	FGY160T65SPD-F085, FGH60N60SMD
HGTG27N120BN	HGTG27N120BN
HGTG30N60A4D	FGY160T65SPD-F085, FGH60N60SMD
HGTG30N60B3D	FGY160T65SPD-F085
HGTG30N60C3D	FGY160T65SPD-F085, HGTG27N120BN
HGTG5N120BND	HGTG27N120BN
HGTG7N60A4D	FGY160T65SPD-F085
HGTP12N60A4D	HGTP20N60A4
HGTP12N60C3D	HGTP20N60A4
HGTP20N60A4	HGTP20N60A4
HGTP3N60A4	HGTP20N60A4

HGTP5N120BND	HGTP20N60A4
HGTP7N60A4	HGTP20N60A4
HGTP7N60A4-F102	HGTP20N60A4
SGH10N60RUFDTU	FQA11N90-F109
SGH20N60RUFDTU	FQA11N90-F109
SGH30N60RUFDTU	FQA11N90-F109
SGH40N60UFDTU	FQA11N90-F109
SGH40N60UFTU	FQA11N90-F109
SGL160N60UFDTU	SGL160N60UFDTU
SGL50N60RUFDTU	SGL160N60UFDTU
SGP10N60RUFDTU	HGTP20N60A4
SGP23N60UFDTU	HGTP20N60A4
SGP23N60UFTU	HGTP20N60A4

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.

初回製品 / プロセス変更通知

文書番号# : IPCN22647XD
発行日 : 19 March 2019

変更件名 :	Samsung SDI 製モールド コンパウンド – Batch 5 の生産終了に伴うモールド コンパウンドの変更	
初回出荷予定日 :	4 January 2020	
連絡先情報 :	現地のオン・セミコンダクター営業所または < PCN.Support@onsemi.com> にお問い合わせください。	
サンプル :	サンプルは認定完了後に提供が可能となります。 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。	
通知種別 :	これは、お客様宛の初回製品 / プロセス変更通知 (IPCN) です。IPCN は、近日中に実施される変更に関する事前通知であり、変更の詳細および影響を受けるデバイスについての一般情報が記載されます。また、暫定的な信頼性認証計画も記載されます。 最終的な認定データおよび特性データは最終製品 / プロセス変更通知 (FPCN) に含まれます。この IPCN は、変更実施から少なくとも 90 日前に発行される最終製品 / プロセス変更通知 (FPCN) に先だって通知されます。ご不明な点がありましたら、<PCN.Support@onsemi.com> にお問い合わせください。	
変更部品の識別 :	日付コード 2001 以降の製品は、新しいモールド コンパウンドで組み立てられます	
変更カテゴリ :	☐ ウェハファブの変更 ☑ アセンブリの変更 ☐ 試験の変更 ☐ その他 _____	
変更サブカテゴリ :	☐ 製造拠点の追加 ☐ 製造拠点の移転 ☐ 製造プロセスの変更 ☑ 材料の変更 ☐ 製品仕様の変更 ☐ データシート/製品資料の変更 ☐ 出荷/パッケージング/表記 ☐ その他 : _____	
影響を受ける拠点 :	オン・セミコンダクター拠点 : ON Tarlac City, Philippines ON Suzhou, China	外部製造工場 / 下請業者拠点 : ASE Weihai AUK Dalian Ocean Fine Shantou Huashan Electronic Devices SP Semiconductor and Communications Tak Cheong Electronics Shanwei Universal Global Scientific Industrial

説明および目的:

オン・セミコンダクターは、本 IPCN に列記されたデバイスに対するモールド コンパウンドの変更をお客様にお知らせいたします。 この変更は、Samsung SDI EMC から受けた生産終了の通知によるものです。　代替のモールド コンパウンドは、多くのパッケージ用に使用すると決定されているもので、実施の 97 日前までに送付される最終製品変更通知にて公表されます。

	変更前の表記	変更後の表記
モールド・コンパウンド (TO220F-4 パッケージ)	Samsung ST-7100HS	TBD
モールド・コンパウンド (TO220-2 パッケージ)	Samsung SL7300HFM/SI7200DX2/SG8200DL/SG8300HK	TBD
モールド・コンパウンド (TO220F-3 パッケージ)	Samsung SL7300HFM/SI7200DX2/SG8200DL/SG8300HK	TBD
モールド・コンパウンド (TO3P-5 パッケージ)	Samsung SI7200DX2	TBD
モールド・コンパウンド (TO3P-3 パッケージ)	Samsung SL7300HXM/SI7200DX2/SG8200DL	TBD
モールド・コンパウンド (TO264-3 パッケージ)	Samsung SL7300HFM	TBD
モールド・コンパウンド (TO247-2 パッケージ)	Samsung SG8200DL/SL7300HFM	TBD
モールド・コンパウンド (TO247-3 パッケージ)	Samsung SG8200DL/SL7300HFM	TBD
モールド・コンパウンド (TP247-3 パッケージ)	Samsung SG8200DL	TBD
モールド・コンパウンド (TP247-4 パッケージ)	Samsung SG8200DL/SL7300HFM	TBD
モールド・コンパウンド (D2PAK-3 パッケージ)	Samsung SG8200DL	Sumitomo EME-G700HF
モールド・コンパウンド (SPM5 パッケージ)	Samsung SL7300HW	KCC KTMC3100GP3
モールド・コンパウンド (SPM3 パッケージ)	Samsung SL7300HW	TBD

認定に関してはできる限り早急に終了する予定ですが、各種パッケージ/場所が認定されることになり、実施される認定が多数になるため、複数の最終製品変更通知 (FPCNs) がお客様に発行されることになります。

今回の変更に伴う製品表示の変更はありません。

認定計画 :

すべてのパッケージは、パッケージタイプおよびアプリケーションに基づき以下に示す一般計画に従います。

IC 非車載:

テスト	仕様	条件	間隔
HTOL	JESD22-A108	Ta= TBD °C, 100 % max rated Vcc	1008 hrs
HTSL	JESD22-A103	Ta= max Tj stg °C	1008 hrs
TC	JESD22-A104	Ta= - 65°C to +150°C	1000 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J-STD-020 JESD-A113	MSL ____ @ _____ °C (per datasheet as required)	
RSH	JESD22- B106	Ta = 265C, 10 sec	
SD	JSTD002	Ta = 245C, 10 sec	

ディスクリート非車載:

テスト	仕様	条件	間隔
HTRB	JESD22-A108	Ta= max Tj°C, 80% max rated V	1008 hrs
HTGB	JESD22-A108	Ta= max Tj°C, 100% max rated Vgss (tech specific)	1008 hrs
HTSL	JESD22-A103	Ta= max Tj stg	1008 hrs
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = TBD by pkg min	TBD cyc determined by pkg
TC	JESD22-A104	Ta= - 65°C to +150°C	1000 cyc
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs
PC	J-STD-020 JESD-A113	MSL ____ @ _____ °C as required by MSL level on datasheet (SMT)	
RSH	JESD22- B106	Ta = 265C, 10 sec	
SD	JSTD002	Ta = 245C, 10 sec	

認定完了予定日 : 2019 年 8 月 30 日この日付以降の追加認定に基づく初期パッケージに関して。

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	認定試験用ビークル
FDP6030BL	FDP8440
FDP7030BL	FDP8440
FDP8030L	FDP8440
FDP8860	FDP8440
FDP8870	FDP8440
FDP8874	FDP8440
FDP8880	FDP8440
FDP8896	FDP8440
FFSH10120A	FFSH40120ADN-F085
FFSH10120ADN-F155	FFSH40120ADN-F085
FFSH15120A	FFSH40120ADN-F085
FFSH15120ADN-F155	FFSH40120ADN-F085
FFSH1665A	FFSH40120ADN-F085
FFSH1665ADN-F155	FFSH40120ADN-F085
FFSH20120A	FFSH40120ADN-F085
FFSH20120ADN-F155	FFSH40120ADN-F085
FFSH2065A	FFSH40120ADN-F085
FFSH2065ADN-F155	FFSH40120ADN-F085
FFSH30120A	FFSH40120ADN-F085
FFSH30120ADN-F155	FFSH40120ADN-F085
FFSH3065A	FFSH40120ADN-F085
FFSH3065ADN-F155	FFSH40120ADN-F085
FFSH40120A	FFSH40120ADN-F085
FFSH40120ADN-F155	FFSH40120ADN-F085
FFSH4065A	FFSH40120ADN-F085
FFSH4065ADN-F155	FFSH40120ADN-F085
FFSH50120A	FFSH40120ADN-F085
FFSH5065A	FFSH40120ADN-F085
FFSP0465A	FFSP20120A
FFSP05120A	FFSP20120A
FFSP0665A	FFSP20120A

FFSP08120A	FFSP20120A
FFSP0865A	FFSP20120A
FFSP10120A	FFSP20120A
FFSP1065A	FFSP20120A
FFSP1065A-FCST	FFSP20120A
FFSP1265A	FFSP20120A
FFSP15120A	FFSP20120A
FFSP1665A	FFSP20120A
FFSP20120A	FFSP20120A
FFSP2065A	FFSP20120A
FFSP3065A	FFSP20120A
NDP6020P	FQP27P06-SW82127
NTHL080N120SC1-FCST	SVHL080N120SC1
FS7M0880TU	FS7M0880TU
FS7M0880YDTU	FS7M0880TU
KA1H0165RTU	KA5L0380RYDTU
KA1M0565RTU	KA5L0380RYDTU
KA1M0565RYDTU	KA5L0380RYDTU
KA5H0165RTU	KA5L0380RYDTU
KA5H0165RYDTU	KA5L0380RYDTU
KA5H0365RTU	KA5L0380RYDTU
KA5H0380RTU	KA5L0380RYDTU
KA5H0380RYDTU	KA5L0380RYDTU
KA5L0380RYDTU	KA5L0380RYDTU
KA5L0565RYDTU	KA5L0380RYDTU
KA5M0265RYDTU	KA5L0380RYDTU
KA5M0365RTU	KA5L0380RYDTU
KA5M0365RYDTU	KA5L0380RYDTU
KA5M0380RTU	KA5L0380RYDTU
KA5M0380RYDTU	KA5L0380RYDTU
2SA2210-1E	2SA2210-1E
2SA2210-EPN-1E	2SA2210-1E
2SA2222SG	2SA2210-1E
2SC6082-1E	2SD1060S-1E
2SC6082-EPN-1E	2SD1060S-1E
2SC6144SG	2SD1060S-1E

2SD1060R-1E	2SD1060S-1E
2SD1060S-1E	2SD1060S-1E
2SJ652-1E	BMS3004-1E
2SJ661-1E	2SJ661-1E
2SJ661-DL-1E	BBS3002-TL-1E
2SK3703-1E	NDFP03N150CG
2SK3745LS-1E	NDFP03N150CG
2SK3746-1E	NDUL09N150CG
2SK3747-1E	NDUL09N150CG
2SK4094-1E	2SK4094-1E
2SK4177-DL-1E	2SK4177-DL-1E
BBL4001-1E	NDFP03N150CG
BBS3002-DL-1E	BBS3002-TL-1E
BBS3002-TL-1E	BBS3002-TL-1E
BFL4026-1E	NDFP03N150CG
BMS3003-1E	BMS3004-1E
BMS3004-1E	BMS3004-1E
NDFP03N150CG	NDFP03N150CG
NDFPD1N150CG	NDFP03N150CG
NDTL03N150CG	NDTL03N150CG
NDUL03N150CG	NDUL09N150CG
NDUL09N150CG	NDUL09N150CG
SMP3003-DL-1E	BBS3002-TL-1E
SMP3003-TL-1E	BBS3002-TL-1E
WPH4003-1E	WPH4003-1E
FGA15N120ANTDTU-F109	FQA11N90-F109
FGA15S125P	FQA11N90-F109
FGA180N33ATDTU	FQA11N90-F109
FGA180N33ATTU	FQA11N90-F109
FGA20N120FTDTU	FQA11N90-F109
FGA20S125P-SN00336	FQA11N90-F109
FGA20S140P	FQA11N90-F109, FGA20S140P
FGA25N120ANTDTU	FQA11N90-F109
FGA25N120ANTDTU-F109	FQA11N90-F109
FGA3060ADF	FQA11N90-F109
FGA30N120FTDTU	FQA11N90-F109

FGA30N60LSDTU	FQA11N90-F109
FGA30N65SMD	TBD
FGA30S120P	FQA11N90-F109, FGA20S140P
FGA30T65SHD	FQA11N90-F109
FGA4060ADF	FQA11N90-F109
FGA40N65SMD	TBD
FGA40T65SHD	FQA11N90-F109
FGA40T65SHDF	FQA11N90-F109
FGA40T65UQDF	FQA11N90-F109
FGA5065ADF	FQA11N90-F109
FGA50N100BNTD2	FQA11N90-F109
FGA50N100BNTDTU	FQA11N90-F109
FGA50S110P	FQA11N90-F109
FGA50T65SHD	FQA11N90-F109
FGA6065ADF	FQA11N90-F109
FGA60N60UFDTU	FQA11N90-F109
FGA60N65SMD	TBD
FGA6530WDF	FQA11N90-F109
FGA6540WDF	FQA11N90-F109
FGA6560WDF	FQA11N90-F109
FGA90N33ATDTU	FQA11N90-F109
FGAF20N60SMD	FGAF40N60UFTU
FGAF40N60SMD	FGL40N120ANDTU
FGAF40N60UFDTU	FGL40N120ANDTU
FGAF40S65AQ	FGAF40N60UFTU
FGH12040WD-F155	FGY160T65SPD-F085
FGH15T120SMD-F155	FGY160T65SPD-F085
FGH20N60SFDTU	FGY160T65SPD-F085, HGTG27N120BN
FGH20N60UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH25N120FTDS	TBD
FGH25T120SMD-F155	FGY160T65SPD-F085
FGH30N60LSDTU	FGY160T65SPD-F085, HGTG27N120BN
FGH30S130P	FGY160T65SPD-F085
FGH30S150P	FGY160T65SPD-F085
FGH30T65UPDT-F155	TBD
FGH40N60SFDTU	FGY160T65SPD-F085, HGTG27N120BN

FGH40N60SFTU	FGY160T65SPD-F085, HGTG27N120BN
FGH40N60SMD	FGY160T65SPD-F085, FGH60N60SMD
FGH40N60SMDF	FGY160T65SPD-F085, FGH60N60SMD
FGH40N60UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH40N60UFTU	FGY160T65SPD-F085
FGH40N65UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH40T100SMD	FGY160T65SPD-F085
FGH40T100SMD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T120SMD	FGY160T65SPD-F085
FGH40T120SMD-F155	FGY160T65SPD-F085
FGH40T120SMDL4	FGY160T65SPD-F085
FGH40T65SHD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65SHDF-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65SH-F155	FGY160T65SPD-F085
FGH40T65SPD-F155	FGY160T65SPD-F085
FGH40T65SQD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65UPD	FGY160T65SPD-F085, FGH60N60SMD
FGH40T65UQDF-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH40T70SHD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH50N6S2D	FGY160T65SPD-F085
FGH50T65SQD-F155	FGY160T65SPD-F085
FGH50T65UPD	TBD
FGH60N60SFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH60N60SFTU	FGY160T65SPD-F085
FGH60N60SMD	FGY160T65SPD-F085, FGH60N60SMD
FGH60N60UFDTU	FGY160T65SPD-F085, FGH60N60SMD
FGH60T65SHD-F155	FGY160T65SPD-F085, FGH60N60SMD
FGH60T65SQD-F155	FGY160T65SPD-F085
FGH75N60UFTU	FGY160T65SPD-F085
FGH75T65SHD-F155	FGY160T65SPD-F085
FGH75T65SHDT-F155	FGY160T65SPD-F085
FGH75T65SHDTL4	FGY160T65SPD-F085
FGH75T65SHDTLN4	FGY160T65SPD-F085
FGH75T65SQD-F155	FGY160T65SPD-F085
FGH75T65SQDNL4	FGY160T65SPD-F085
FGH75T65SQDT-F155	FGY160T65SPD-F085

FGH75T65SQDTL4	FGY160T65SPD-F085
FGH75T65UPD-F155	FGY160T65SPD-F085
FGH80N60FD2TU	FGY160T65SPD-F085, FGH60N60SMD
FGH80N60FDTU	FGY160T65SPD-F085
FGL12040WD	TBD
FGL35N120FTDTU	TBD
FGL40N120ANDTU	FGL40N120ANDTU
FGL40N120ANTU	FGL40N120ANDTU
FGL60N100BNTD	FGL40N120ANDTU
FGL60N100BNTDTU	FGL40N120ANDTU
FGP10N60UNDF	HGTP20N60A4
FGP15N60UNDF	HGTP20N60A4
FGP20N60UFDTU	HGTP20N60A4
FGP5N60LS	HGTP20N60A4
FGPF4533RDTU	HGTP20N60A4
FGPF4536	FDPF2D3N10C
FGPF4565	FDPF2D3N10C
FGPF50N33BTTU	FDPF2D3N10C
FGY100T65SCDT	FGY160T65SPD-F085
FGY40T120SMD	FGY160T65SPD-F085
FGY75N60SMD	FGY160T65SPD-F085
HGTG10N120BND	HGTG27N120BN
HGTG11N120CND	TBD
HGTG12N60A4D	FGY160T65SPD-F085, FGH60N60SMD
HGTG12N60C3D	FGY160T65SPD-F085, FGH60N60SMD
HGTG20N60B3D	FGY160T65SPD-F085, FGH60N60SMD
HGTG27N120BN	HGTG27N120BN
HGTG30N60A4D	FGY160T65SPD-F085, FGH60N60SMD
HGTG30N60B3D	FGY160T65SPD-F085
HGTG30N60C3D	FGY160T65SPD-F085, HGTG27N120BN
HGTG5N120BND	HGTG27N120BN
HGTG7N60A4D	FGY160T65SPD-F085
HGTP12N60A4D	HGTP20N60A4
HGTP12N60C3D	HGTP20N60A4
HGTP20N60A4	HGTP20N60A4
HGTP3N60A4	HGTP20N60A4

HGTP5N120BND	HGTP20N60A4
HGTP7N60A4	HGTP20N60A4
HGTP7N60A4-F102	HGTP20N60A4
SGH10N60RUFDTU	FQA11N90-F109
SGH20N60RUFDTU	FQA11N90-F109
SGH30N60RUFDTU	FQA11N90-F109
SGH40N60UFDTU	FQA11N90-F109
SGH40N60UFTU	FQA11N90-F109
SGL160N60UFDTU	SGL160N60UFDTU
SGL50N60RUFDTU	SGL160N60UFDTU
SGP10N60RUFDTU	HGTP20N60A4
SGP23N60UFDTU	HGTP20N60A4
SGP23N60UFTU	HGTP20N60A4