


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/19/11527	
<b>1.3 Title of PCN</b>	Mold compound replacement for TO220	
<b>1.4 Product Category</b>	STPSxxx, STPSCxxx, STTHxxx, ACSxxx, ACSTxxx, BTBxxx, FERDxxx, TNxxx, TSxxx, TYNxxx series.	
<b>1.5 Issue date</b>	2019-05-01	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Richard RENARD
<b>2.1.2 Marketing Manager</b>	Philippe LEGER
<b>2.1.3 Quality Manager</b>	Jean-Paul REBRASSE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Mold compound	ST assy site in China (STS) and subco in Asia (TFME/PSI)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Samsung SDI product termination.	Replacement of current mold compounds with alternative material. please refer to document 11478.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Product discontinuance from current supplier.
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	internal codification and QA number
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-08-29
<b>7.2 Intended start of delivery</b>	2019-09-13
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

11527 Public product.pdf  
 11527 PCN-TO220 industrial draft.pdf

**10. Affected parts**

10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
ACS120-7ST	ACS120-7ST	
	ACST1210-7T	
	ACST610-8T	
	ACST830-8T	
BTB04-600SL	BTB04-600SL	
	FERD20H100STS	
	FERD20H60CTS	
	FERD20L60CTS	
	FERD20M60SR	
	FERD20M60ST	
	FERD20S100STS	
	FERD30H100STS	
	FERD30H60CTS	
	FERD30L60CTS	
	FERD30M45CR	
	FERD30M45CT	
	FERD30SM100ST	
	FERD40H100STS	
	FERD40L60CTS	
	FERD40U45CT	
	FERD60M45CT	
	FERD60U45CT	
	STPS10150CT	
497-2754-5-ND	STPS1045D	
	STPS10H100CT	
497-2738-5-ND	STPS10L25D	
	STPS10L60D	
497-2747-5-ND	STPS1545CT	
497-2753-5-ND	STPS1545D	
	STPS20100CT	
497-4626-5-ND	STPS20120CT	
497-4627-5-ND	STPS20120D	
497-2730-5-ND	STPS20150CT	
497-3525-5-ND	STPS20170CT	
	STPS20200CT	
497-2750-5-ND	STPS2030CT	
	STPS2045CT	
497-2726-5-ND	STPS20H100CT	
	STPS20L15D	
	STPS20L60CT	
	STPS20M100ST	
	STPS20M60D	
	STPS20SM100ST	
	STPS20SM120ST	

	STPS20SM60D	
	STPS20SM80CT	
	STPS30100ST	
	STPS30150CT	
497-2751-5-ND	STPS3045CT	
	STPS30H100CT	
	STPS30H60CT	
497-2756-5-ND	STPS30L30CT	
	STPS30L60CT	
	STPS30M100ST	
	STPS30M60ST	
	STPS30M80CT	
	STPS30SM100ST	
	STPS30SM120ST	
497-3217-ND	STPS40150CT	
	STPS40170CT	
	STPS40L15CT	
	STPS40L45CT	
	STPS40M100CR	
	STPS40M100CT	
	STPS40M120CT	
	STPS40M80CT	
	STPS40SM120CR	
	STPS41H100CT	
	STPS41L60CT	
	STPS60150CT	
	STPS60170CT	
497-3812-5-ND	STPS60H100CT	
	STPS61L60CT	
497-2749-5-ND	STPS745D	
497-2737-5-ND	STPS8H100D	
	STPSC10065D	
	STPSC1006D	
	STPSC10H065D	
	STPSC10H12D	
	STPSC1206D	
	STPSC12H065CT	
	STPSC12H065D	
	STPSC15H12D	
	STPSC16H065CT	
	STPSC20065D	
	STPSC20H065CT	
	STPSC20H12D	
	STPSC2H12D	
	STPSC406D	
	STPSC4H065D	
	STPSC5H12D	
	STPSC606D	
	STPSC6H065D	
	STPSC8065D	
	STPSC8H065CT	

	STPSC8H065D	
	STTH10LCD06CT	
	STTH1202D	
	STTH1210D	
	STTH1212D	
	STTH12R06D	
	STTH15AC06CT	
497-3821-5-ND	STTH15L06D	
	STTH15R06D	
	STTH15RQ06D	
	STTH15S12D	
497-3544-5-ND	STTH1602CT	
497-3818-5-ND	STTH16L06CT	
	STTH16R04CT	
497-3547-5-ND	STTH2002CT	
	STTH2002D	
	STTH2003CR	
497-2743-5-ND	STTH2003CT	
	STTH20L03CT	
497-3551-5-ND	STTH3002CT	
	STTH3010D	
	STTH3012D	
	STTH30R04D	
	STTH506D	
	STTH512D	
	STTH602CT	
	STTH802D	
	STTH803D	
	STTH806D	
	STTH810D	
	STTH812D	
497-2744-5-ND	STTH8L06D	
	STTH8R04D	
497-2745-5-ND	STTH8R06D	
	STTH8S06D	
	STTH8S12D	
	TS420-600T	
497-2551-5-ND	TS820-600T	
497-4487-5-ND	TYN612MRG	

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## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCN Title :** Mold compound replacement for TO220

**PCN Reference :** ADG/19/11527

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STPS20SM100ST	STPS30H100CT	STPS20L25CT
STTH3012D	STPS30M80CT	TS1220-600T
STPSC12065D	STPSC2H12D	STPS20100CT
STTH16R04CT	STTH20R04D	STTH8L06D
STPS1545CT	STPS30120CT	STPS20L60CT
STTH1212D	FERD40M45CT	STPS40M60CT
STPSC8065D	STPS3045CT	STPS30SM100ST
STPS41H100CT	STPS10H100CT	ACST830-8T
STPS20150CR	STPSC16H065CT	STPSC20H065CT
STPSC12H065D	STPS40170CT	STPSC606D
STPS10150CT	STTH8S06D	STPS1545D
STPSC10H065D	STPS30L45CT	STTH5L06D
STPSC15H12D	STPS30100ST	STPS40M100CT
STTH15AC06CT	STPS2545CT	STPS40M120CT
STPS30150CT	STPS20SM60D	STPS20S100CT
STPS30L120CR	STPS30M100ST	STPS20200CT
STPS20H100CT	TS820-600T	STTH2002CR
STTH806D	STPS30H60CT	STTH8R03D
STPS30L30CR	STTH803D	BTB04-600SL
STTH16L06CT	STTH1002CR	STPS20L45CT
STPSC806D	STTH2003CT	STPS30M60CT
STPSC1206D	FERD40L60CTS	STPS30L30CT
STPS41L60CT	ACS120-7ST	STTH8R04D
STTH1602CT	STPS40SM60CT	STPSC10H12D
STTH1002CT	STPS20170CT	TS420-600T
STTH12R06D	STPS40L45CT	STPS30L60CT
ACST1235-7T	FERD40H100STS	STPSC1006D
STTH15L06D	STPSC406D	STTH602CT
STPS20150CT	FERD20S100STS	ACST1010-7T
STPS30SM120ST	STPS16150CT	STPS20H100CR
STPSC5H12D	TYN612MRG	STPS20120CT
STPS61L45CT	STTH20L03CT	STPSC20065D
STTH810D	STPSC12H065CT	STTH15RQ06D
STTH3002CT	STPS30L120CT	STPS20M100ST
STPS40SM100CT	STPS20L15D	STPS8H100D
STPS20SM80CT	STTH2002CT	STTH15S12D



## Public Products List

STTH15R06D	STPS10L40CT	STTH802D
STTH1210D	STPS10L60D	STPS40SM120CR
STTH2003CR	ACST1035-7T	STTH30R04D
ACST1210-7T	ACST610-8T	STTH10LCD06CT
FERD40U45CT	STTH5R06D	STPSC20H12D
STPS2045CT	STPS40120CT	STTH1502D
FERD30M45CT	STPSC8H065CT	FERD20H100STS
STPSC10065D	STTH8R06D	STPS20LCD200CT
FERD30H100STS	STTH1202D	STTH812D
STPS60H100CT	STPSC6H065D	STPS10L25D
FERD20M60ST	STPS15L25D	STPS41H100CR
STPS61L60CT	STPSC4H065D	STTH512D
STPS20120D	STPS40L15CT	STPS2030CT
STPS30M60ST	STTH2002D	STPS60170CT
STPS20SM120ST	STPSC8H065D	FERD30L60CTS
STPS60150CT	STPS40M80CT	STTH8S12D
TN22-1500T	FERD20L60CTS	STPS40150CT
FERD20M60SR	STPS745D	FERD30M45CR
STPS1545CR	STPS40M100CR	STPS10120CT
STTH3010D	FERD30SM100ST	STPS20120CR
FERD60M45CT	STPS1045D	STPS20M60D
FERD20H60CTS	STPS3030CR	FERD30H60CTS
FERD60U45CT	STTH30RQ06D	



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