

Product / Process Change Notification



N° 2019-105-B !! UPDATE !!

- Updated Information marked in **BLUE TYPE**
- Original PCN N° 2019-105-A dated 25. July 2019

Dear Customer,

Attached please find an updated PCN 2019-105-B for your attention.

Product harmonization for 1200V PrimePACK™ power modules with IGBT5/.XT™

If you have any questions, please do not hesitate to contact your local Sales office.

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Product / Process Change Notification



N° 2019-105-B **!! UPDATE !!**

■ Updated Information marked in **BLUE TYPE**

■ Original PCN N° 2019-105-A dated 25. July 2019

► **Products affected:** Please refer to attached affected product list 1_cip19105_a

► **Detailed Change Information:**

Subject: 1200V PrimePACK™ power modules with IGBT5 / .XT™

Reason: Product harmonization for all PrimePACK™ power modules with IGBT5 / .XT™

Description:	<u>Old</u>	<u>New</u>
	■ PrimePACK™ 3+ A-series	■ PrimePACK™ 3+ B-series
	■ Previous used insulation gel	■ New insulation gel
	■ Fully Ag coated DBC surface	■ Partly Ag coated DBC surface
	■ Copper bond wires for auxiliary connections	■ Aluminum bond wires for auxiliary connections with minor layout adaption

► **Product Identification:** Product date code

► **Impact of Change:** Change of the PrimePACK™ 3+ housing concept. Besides the above-mentioned changes, other specifications of the mentioned modules, like electrical and mechanical module parameters, remain unchanged according to JEDEC Standard J-STD-046: form, fit, function and reliability.

► **Attachments:** Affected product list 1_cip19105_a

Time Schedule:	2019-105-A	2019-105-B
■ Final qualification report:	January 2020	June 2020
■ First samples available:	On request from November 2019 onwards	On request from May 2020 onwards
■ Intended start of delivery:	Q1 2020	July 2020

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PCN N° 2019-105-A

Product harmonization for 1200V PrimePACK™ power modules with IGBT5/.XT™



Sales name	SP number	OPN	Package
FF1200R12IE5	SP000976764	FF1200R12IE5BPSA1	AG-PRIME2-5
FF1200R12IE5P	SP001657864	FF1200R12IE5PBPSA1	AG-PRIME2-5
FF1500R12IE5	SP001630414	FF1500R12IE5BPSA1	AG-PRIME3+-5
FF1500R12IE5P	SP002397954	FF1500R12IE5PBPSA1	AG-PRIME3+-5
FF1800R12IE5	SP001495678	FF1800R12IE5BPSA1	AG-PRIME3+-5
FF1800R12IE5P	SP001662006	FF1800R12IE5PBPSA1	AG-PRIME3+-5