

Product / Process Change Notification



N° 2018-037-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Introduction of Additional Wafer Production Site with 8" Wafer Diameter for 1200V Emitter Controlled HE Diodes

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **29th May 2018**.
- Infineon aligns with the widely-recognized JEDEC STANDARD "**JESD46**", which stipulates:
"**Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.**"

Your prompt reply will help Infineon Technologies to assure a smooth and well executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

Infineon Technologies AG
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Chairman of the Supervisory Board: Dr. Eckart Süner
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Dr. Helmut Gassel, Jochen Hanebeck
Registered Office: Neubiberg Commercial Register
Amtsgericht München HRB 126492

Product / Process Change Notification



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► **Products affected:**

Please refer to attached affected product list
“pcn_2018-037-A_[customer-no].pdf”

► **Detailed Change Information:**

Subject: Introduction of additional wafer production site with 8” Wafer diameter for 1200V Emitter Controlled HE diodes

Reason: Capacity extension and increasing security of supply 1200V Diode
For Diodes the 8” wafer manufacturing technology is, State of the Art’ wafer manufacturing technology at Infineon.

Description:

Old

New

■ **1200V Emitter Controlled HE Diode**

8” inch:
- Front end Villach/ Austria

■ **1200V Emitter Controlled HE Diode**

8” inch:
- Front end Villach/ Austria
- Front end Kulim/ Malaysia

-> Target production site
Kulim/ Malaysia 8” inch

► **Product Identification:**

Individual production lot number

► **Impact of Change:**

No impact on electrical performance. Quality and reliability verified by qualification. There is no change in form, fit and function There is no change in the assembly process at Infineon.

► **Attachments:**

Affected product list “pcn_2018-037-A_[customer-no].pdf”

► **Time Schedule:**

- Final qualification report: available
- First samples available: on request
- Intended start of delivery: 2018-05-01 depending on customer approval

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

PCN 2018-037-A

Introduction of Additional Wafer Production Site with 8" Wafer Diameter for 1200V Emitter
Controlled HE Diodes



Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
FD200R12KE3	SP000083495	FD200R12KE3HOSA1	AG-62MM-1-1	FD200R12KE3HOSA1
FF200R12KE4	SP000370604	FF200R12KE4HOSA1	AG-62MM-1-1	FF200R12KE4HOSA1
FF200R12KT4	SP000370618	FF200R12KT4HOSA1	AG-62MM-1-1	FF200R12KT4HOSA1
FF300R12KE3	SP000100736	FF300R12KE3HOSA1	AG-62MM-1-1	FF300R12KE3HOSA1
FF300R12KT3	SP000100790	FF300R12KT3HOSA1	AG-62MM-1-1	FF300R12KT3HOSA1
FF300R12KT4	SP000370607	FF300R12KT4HOSA1	AG-62MM-1-1	FF300R12KT4HOSA1
FF300R12ME4	SP000405060	FF300R12ME4BOSA1	AG-ECONOD-3-1	FF300R12ME4BOSA1
FF400R12KE3	SP000100781	FF400R12KE3HOSA1	AG-62MM-1-1	FF400R12KE3HOSA1
FF450R12KE4	SP000370610	FF450R12KE4HOSA1	AG-62MM-1-1	FF450R12KE4HOSA1
FF450R12KT4	SP000370613	FF450R12KT4HOSA1	AG-62MM-1-1	FF450R12KT4HOSA1
FF450R12ME4	SP000389732	FF450R12ME4BOSA1	AG-ECONOD-3-1	FF450R12ME4BOSA1
FF600R12ME4	SP000635448	FF600R12ME4BOSA1	AG-ECONOD-5-1	FF600R12ME4BOSA1
FP25R12KE3	SP000100411	FP25R12KE3BOSA1	AG-ECONO2-5-1	FP25R12KE3BOSA1
FP40R12KT3	SP000100447	FP40R12KT3BOSA1	AG-ECONO2-5-1	FP40R12KT3BOSA1
FP50R12KE3	SP000101740	FP50R12KE3BOSA1	AG-ECONO3-3-1	FP50R12KE3BOSA1
FP75R12KE3	SP000100415	FP75R12KE3BOSA1	AG-ECONO3-3-1	FP75R12KE3BOSA1
FS100R12KE3	SP000100416	FS100R12KE3BOSA1	AG-ECONO3-4-1	FS100R12KE3BOSA1
FS150R12KE3	SP000100417	FS150R12KE3BOSA1	AG-ECONO3-4-1	FS150R12KE3BOSA1
FS200R12KT4R	SP000715004	FS200R12KT4RBOSA1	AG-ECONO3-4-1	FS200R12KT4RBOSA1
FS300R12KE3	SP000100405	FS300R12KE3BOSA1	AG-ECONOPP-1-1	FS300R12KE3BOSA1
FS300R12OE4	SP000690928	FS300R12OE4BOSA1	AG-ECONOPP-2-1	FS300R12OE4BOSA1
FS450R12KE3	SP000014915	FS450R12KE3BOSA1	AG-ECONOPP-1-1	FS450R12KE3BOSA1
FS450R12OE4	SP000690922	FS450R12OE4BOSA1	AG-ECONOPP-2-1	FS450R12OE4BOSA1
FS50R12KE3	SP000100413	FS50R12KE3BOSA1	AG-ECONO2-6-1	FS50R12KE3BOSA1
FS75R12KE3	SP000100414	FS75R12KE3BOSA1	AG-ECONO2-6-1	FS75R12KE3BOSA1
FZ400R12KE4	SP000524456	FZ400R12KE4HOSA1	AG-62MM-2-1	FZ400R12KE4HOSA1
FZ600R12KE3	SP000100724	FZ600R12KE3HOSA1	AG-62MM-2-1	FZ600R12KE3HOSA1