

# Product/process change notification

PCN N° 2022-096-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Introduction of new die attach solder alloy for products with 1200V and 1700V IGBT7 technology

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 **2023-04-20**
- 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 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.



On 16 April 2020, Infineon acquired Cypress.  
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.  
For further details, please visit our website:  
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

#### Infineon Technologies AG

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# Product/process change notification

PCN N° 2022-096-A

- ▶ **Products affected** Please refer to attached affected product list  
"pcn\_2022-096-A\_[customer-no].pdf"
  
- ▶ **Detailed change information**

<b>Subject</b>	Change of solder alloy for products with 1200V and 1700V IGBT7 technology	
<b>Reason</b>	Process optimization by using new solder alloy.	
<b>Description</b>	<u>Old</u>	<u>New</u>
	Old solder alloy (SnAg)	New solder alloy (SnSb)
  
- ▶ **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** "pcn\_2022-096-A\_[customer-no].pdf" affected product list
  
- ▶ **Time schedule**

■ Final qualification report	available
■ First samples available	on request
■ Intended start of delivery	June 2023 or earlier based on customer approval

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

## PCN 2022-096-A



Introduction of new die attach solder alloy for products with 1200V and 1700V IGBT7 technology

Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
DDB6U50N16W1R	SP005578338	DDB6U50N16W1RBPSA1	AG-EASY1B	DDB6U50N16W1RBPSA1
DDB6U50N16W1RP_B11	SP005613027	DDB6U50N16W1RPB11BPSA1	AG-EASY1B	DDB6U50N16W1RPB11BPSA1
F3L11MR12W2M1_B74	SP005408206	F3L11MR12W2M1B74BOMA1	AG-EASY2B	F3L11MR12W2M1B74BOMA1
FF225R17ME7_B11	SP005548839	FF225R17ME7B11BPSA1	AG-ECONOD	FF225R17ME7B11BPSA1, SP005548839
FF300R12ME7_B11	SP005418163	FF300R12ME7B11BPSA1	AG-ECONOD	FF300R12ME7B11BPSA1
FF450R12ME7_B11	SP005418168	FF450R12ME7B11BPSA1	AG-ECONOD	FF450R12ME7B11BPSA1
FF600R12ME7_B11	SP005612506	FF600R12ME7B11BPSA2	AG-ECONOD	FF600R12ME7B11BPSA2
FF750R12ME7_B11	SP005418154	FF750R12ME7B11BPSA1	AG-ECONOD	FF750R12ME7B11BPSA1
FF800R12KE7	SP005432766	FF800R12KE7HPSA1	AG-62MMHB	FF800R12KE7HPSA1
FF900R12ME7P_B11	SP005349909	FF900R12ME7PB11BPSA1	AG-ECONOD	FF900R12ME7PB11BOSA1, FF900R12ME7PB11BPSA1
FF900R12ME7W_B11	SP005589481	FF900R12ME7WB11BPSA1	AG-ECONOD	FF900R12ME7WB11BPSA1
FF900R12ME7_B11	SP005422550	FF900R12ME7B11NPSA1	AG-ECONOD	FF900R12ME7B11NPSA1
FF900R17ME7_B11	SP005423488	FF900R17ME7B11BPSA1	AG-ECONOD	FF900R17ME7B11BPSA1
FP100R12N2T7_B11	SP005597715	FP100R12N2T7B11BPSA1	AG-ECONO2B	FP100R12N2T7B11BPSA1
FP100R12N3T7	SP004145198	FP100R12N3T7BPSA1	AG-ECONO3B	FP100R12N3T7BPSA1
FP100R12N3T7_B11	SP005402466	FP100R12N3T7B11BPSA1	AG-ECONO3B	FP100R12N3T7B11BPSA1
FP100R12N3T7_B16	SP005354570	FP100R12N3T7B16BPSA1	AG-ECONO3B	FP100R12N3T7B16BPSA1
FP100R12W3T7_B11	SP005209864	FP100R12W3T7B11BPSA1	AG-EASY3B	FP100R12W3T7B11BPSA1
FP10R12W1T7	SP005351582	FP10R12W1T7BOMA1	AG-EASY1B	FP10R12W1T7BOMA1
FP10R12W1T7_B11	SP001655200	FP10R12W1T7B11BOMA1	AG-EASY1B	FP10R12W1T7B11BOMA1
FP10R12W1T7_B3	SP003654844	FP10R12W1T7B3BOMA1	AG-EASY1B	FP10R12W1T7B3BOMA1, FP10R12W1T7_B3
FP150R12N3T7	SP004145204	FP150R12N3T7BPSA1	AG-ECONO3B	FP150R12N3T7BPSA1
FP150R12N3T7P_B11	SP005596103	FP150R12N3T7PB11BPSA1	AG-ECONO3B	FP150R12N3T7PB11BPSA1

FP150R12N3T7_B11	SP005404168	FP150R12N3T7B11BP SA1	AG-ECONO3B	FP150R12N3T7B11BP SA1
FP150R12N3T7_B16	SP005354566	FP150R12N3T7B16BP SA1	AG-ECONO3B	FP150R12N3T7B16BP SA1
FP15R12W1T7	SP005402456	FP15R12W1T7BOMA1	AG-EASY1B	FP15R12W1T7BOMA1
FP15R12W1T7P	SP005403215	FP15R12W1T7PBPSA 1	AG-EASY1B	FP15R12W1T7PBPSA1
FP15R12W1T7P_B11	SP005418133	FP15R12W1T7PB11B PSA1	AG-EASY1B	FP15R12W1T7PB11BPSA 1
FP15R12W1T7_B11	SP003021898	FP15R12W1T7B11BO MA1	AG-EASY1B	FP15R12W1T7B11BOMA1 , FP15R12W1T7_B11
FP15R12W1T7_B3	SP003654830	FP15R12W1T7B3BOM A1	AG-EASY1B	FP15R12W1T7B3BOMA1, FP15R12W1T7_B3
FP200R12N3T7	SP005337548	FP200R12N3T7BPSA1	AG-ECONO3B	FP200R12N3T7BPSA1
FP200R12N3T7_B11	SP005612514	FP200R12N3T7B11BP SA1	AG-ECONO3B	FP200R12N3T7B11BP SA1
FP25R12W1T7	SP005351611	FP25R12W1T7BOMA1	AG-EASY1B	FP25R12W1T7BOMA1
FP25R12W1T7P	SP005547321	FP25R12W1T7PBPSA 1	AG-EASY1B	FP25R12W1T7PBPSA1
FP25R12W1T7_B11	SP001656938	FP25R12W1T7B11BP SA1	AG-EASY1B	FP25R12W1T7B11BP SA1
FP25R12W1T7_B3	SP005446926	FP25R12W1T7B3BPS A1	AG-EASY1B	FP25R12W1T7B3BPSA1
FP25R12W2T7	SP003654854	FP25R12W2T7BPSA1	AG-EASY2B	FP25R12W2T7BPSA1
FP25R12W2T7_B11	SP002116656	FP25R12W2T7B11BP SA1	AG-EASY2B	FP25R12W2T7B11BP SA1, FP25R12W2T7_B11
FP35R12W2T7	SP005428921	FP35R12W2T7BPSA1	AG-EASY2B	FP35R12W2T7BPSA1
FP35R12W2T7_B11	SP001783588	FP35R12W2T7B11BO MA1	AG-EASY2B	FP35R12W2T7B11BOMA1 , FP35R12W2T7_B11
FP50R12N2T7	SP005596507	FP50R12N2T7BPSA2	AG-ECONO2B	FP50R12N2T7BPSA2
FP50R12N2T7P	SP005407056	FP50R12N2T7PBPSA1	AG-ECONO2B-711	FP50R12N2T7PBPSA1
FP50R12W2T7	SP005428928	FP50R12W2T7BPSA1	AG-EASY2B	FP50R12W2T7BPSA1
FP50R12W2T7_B11	SP001894018	FP50R12W2T7B11BO MA1	AG-EASY2B	FP50R12W2T7B11BOMA1 , FP50R12W2T7_B11
FP50R12W3T7_B11	SP005350013	FP50R12W3T7B11BP SA1	AG-EASY3B	FP50R12W3T7B11BP SA1
FP75R12N2T7P_B11	SP005595812	FP75R12N2T7PB11BP SA1	AG-ECONO2B	FP75R12N2T7PB11BP SA1
FP75R12N3T7_B11	SP005632397	FP75R12N3T7B11BPS A1	AG-ECONO3B	FP75R12N3T7B11BPSA1
FP75R12N3T7_B81	SP005632512	FP75R12N3T7B81BPS A1	AG-ECONO3B	FP75R12N3T7B81BPSA1
FP75R12W3T7_B11	SP005350030	FP75R12W3T7B11BP SA1	AG-EASY3B	FP75R12W3T7B11BP SA1
FS100R12N2T7_B15	SP005551553	FS100R12N2T7B15BP SA1	AG-ECONO2B	FS100R12N2T7B15BP SA1
FS100R12W2T7	SP005351618	FS100R12W2T7BOMA 1	AG-EASY2B	FS100R12W2T7BOMA1
FS100R12W2T7P	SP005435694	FS100R12W2T7PBPS A1	AG-EASY2B	FS100R12W2T7PBPSA1

FS100R12W2T7_B11	SP001656864	FS100R12W2T7B11BOMA1	AG-EASY2B	FS100R12W2T7B11BOMA1
FS100R12W3T7_B11	SP005350039	FS100R12W3T7B11BP SA1	AG-EASY3B	FS100R12W3T7B11BP SA1
FS150R12N2T7_B15	SP005551571	FS150R12N2T7B15BP SA1	AG-ECONO2B	FS150R12N2T7B15BP SA1
FS150R12N2T7_B54	SP005546346	FS150R12N2T7B54BP SA1	AG-ECONO2B	FS150R12N2T7B54BP SA1
FS150R12N3T7	SP004145224	FS150R12N3T7BP SA1	AG-ECONO3B	FS150R12N3T7BP SA1
FS150R12W3T7_B11	SP005350043	FS150R12W3T7B11BP SA1	AG-EASY3B	FS150R12W3T7B11BP SA1
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FS200R12W3T7_B11	SP005350018	FS200R12W3T7B11BP SA1	AG-EASY3B	FS200R12W3T7B11BP SA1
FS25R12W1T7	SP005399222	FS25R12W1T7BOMA1	AG-EASY1B	FS25R12W1T7BOMA1
FS25R12W1T7P_B11	SP004221176	FS25R12W1T7PB11B PSA1	AG-EASY1B	FS25R12W1T7PB11B PSA1
FS25R12W1T7_B11	SP002952280	FS25R12W1T7B11BO MA1	AG-EASY1B	FS25R12W1T7B11BO MA1, FS25R12W1T7_B11
FS35R12W1T7	SP005399225	FS35R12W1T7BOMA1	AG-EASY1B	FS35R12W1T7BOMA1
FS35R12W1T7_B11	SP003402010	FS35R12W1T7B11BO MA1	AG-EASY1B	FS35R12W1T7B11BO MA1, FS35R12W1T7_B11
FS50R12N2T7_B15	SP005612508	FS50R12N2T7B15BPS A2	AG-ECONO2B	FS50R12N2T7B15BPS A2
FS50R12W1T7	SP005399229	FS50R12W1T7BOMA1	AG-EASY1B	FS50R12W1T7BOMA1
FS50R12W1T7_B11	SP002952274	FS50R12W1T7B11BO MA1	AG-EASY1B	FS50R12W1T7B11BO MA1, FS50R12W1T7_B11
FS50R12W2T7	SP005426181	FS50R12W2T7BP SA1	AG-EASY2B	FS50R12W2T7BP SA1
FS50R12W2T7_B11	SP005184594	FS50R12W2T7B11BO MA1	AG-EASY2B	FS50R12W2T7B11BO MA1, FS50R12W2T7_B11
FS75R12N2T7_B15	SP005612510	FS75R12N2T7B15BPS A2	AG-ECONO2B	FS75R12N2T7B15BPS A2
FS75R12W2T7	SP005426178	FS75R12W2T7BP SA1	AG-EASY2B	FS75R12W2T7BP SA1
FS75R12W2T7_B11	SP005147302	FS75R12W2T7B11BO MA1	AG-EASY2B	FS75R12W2T7B11BO MA1, FS75R12W2T7_B11