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PRODUCT CHANGE NOTICE (PCN) LFPCN074

Date: July 13th, 2026

Dear valued Customer and Partners,

Littelfuse would like to notify you about a processing change on the IGBT and Diode die used in its range of 4.5kV Press Pack IGBT products.

Items affected:

All catalogue 4.5kV Press Pack IGBT's and including all customized versions.

See Appendix 1 List of Affected Discrete Press Pack IGBT's & Appendix 2 List of Affected Stacks

Reason for change:

To further enhance the stability of the product and increase production capacity.

Description of change:

The 4.5kV IGBT and Diode die used in Littelfuse's range of Asymmetric and Reverse Conducting Press Pack IGBT's will be produced on 200mm diameter Si wafers instead of 150mm.

The metallization used for the shadow mask will change from Al to AlSi1 to improve stability of the product. The thickness and dimensions of the metallization do not change.

The design, processes and properties do not change. There are no changes to product performance, specification or reliability compared to the present die produced on 150mm diameter Si wafers.

To distinguish between the current die and the revised die the 7th character in the part number will change from B to M. See appendix 1.

Effective Date:

Current generation (B) of die produced on 150mm Si wafers

- If products with current generation of die are required then last time buy orders for existing die should be placed by August 7th, 2026 for shipment by March 31st, 2027
- Existing back log as of July 13th, 2026 will be supplied with current IGBT and Diode die sets

New generation (M) of die produced on 200mm Si wafers

- Deliveries commencing January 4th, 2027 (Identification - Date Code 2701 onwards)

What You Need to Do:

- To Contact Julian Pitman (jpitman@littelfuse.com) if you have any queries

Mark Davies
Product Marketing, PSBU
mdavies@littelfuse.com

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Appendix 1 List of Affected Press Pack IGBT's.	
Current Part Number	New Part Number
T0115QB45G000	T0115QM45G000
T0160NB45A000	T0160NM45A000
T0160NB45AHAY	T0160NM45AHAY
T0160NB45AXXX	T0160NM45AXXX
T0340VB45G000	T0340VM45G000
T0340VB45GCAA	T0340VM45GCAA
T0510VB45E000	T0510VM45E000
T0600TA45A000	T0600TM45A000
T0600TB45A000	T0600TM45A000
T0600TB45AHAQ	T0600TM45AHAQ
T0800EB45G000	T0800EM45G000
T0800EB45GHAQ	T0800EM45GHAQ
T0800TB45E000	T0800TM45E000
T0900EB45A000	T0900EM45A000
T0900EB45ACAA	T0900EM45ACAA
T0900EB45ACAB	T0900EM45ACAB
T1200EB45E000	T1200EM45E000
T1600GB45G000	T1600GM45G000
T1600GB45GCAB	T1600GM45GCAB
T1800GB45A000	T1800GM45A000
T1800GB45ACAC	T1800GM45ACAC
T1800GB45ACAF	T1800GM45ACAF
T2000BB45G000	T2000BM45G000
T2000BB45GHCK	T2000BM45GHCK
T2400GB45E000	T2400GM45E000
T2400GB45ECAG	T2400GM45ECAG
T2400GB45EJBC	T2400GM45EJBC
T2960BB45E000	T3000BM45E000
T2960BB45ECAA	T3000BM45ECAA

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Appendix 2 List of Affected Stacks		
Stack Part Number	Current IGBT Part Number	New Part Number
XA1600GV45WT	T1600GB45G000	T1600GM45G000
XA1600GV45WT	T1600GB45G000	T1600GM45G000
XA0750GY45WT	T1600GB45G000	T1600GM45G000
XA0750GY45WT	T1600GB45G000	T1600GM45G000
XA1600GX45AT	T1600GB45G000	T1600GM45G000
XA1120GV45W	T1800GB45A000	T1800GM45A000
XA1200GT45WT	T1800GB45A000	T1800GM45A000
XA1800GX45WT	T1800GB45ACAD	T1800GM45ACAD
XAKSPCX200W450E1	T2000BB45G000	T2000BM45G000
XA1600BV45WT-1	T2000BB45GCAA	T2000BM45GCAA
XASNPCX200W330E2A	T2000BB45GCAA	T2000BM45GCAA
XA2400GY45AT	T2400GB45E000	T2400GM45E000
XAKSPCX240W450E1	T2400GB45E000	T2400GM45E000
XA2400GX45FT	T2400GB45ECAAF	T2400GM45ECAAF
XA2400GX45WT	T2400GB45ECAAF	T2400GM45ECAAF
XA2400GX45WT/A	T2400GB45ECAAF	T2400GM45ECAAF
XAKSPCX250W160E2A	T2400GB45ECAH	T2400GM45ECAH
XA2960BX45WT	T2960BB45E000	T2960BM45E000
XA0350TX45WT	T0600TB45A000	T0600TM45A000
XA0600TY45FT	T0600TB45A000	T0600TM45A000
U3043/11	T0600TA45A000	T0600TM45A000
XA0340VY45AT	T0340VB45G000	T0340VM45G000
XA0340VX45WT	T0340VB45G000	T0340VM45G000
XA0160NX45AT	T0160NB45A000	T0160NM45A000
XAKSPCX011S450E1A	T0115QB45G000	T0115QM45G000
XAKSPCX011S450E1B	T0115QB45G000	T0115QM45G000
XAKSPCX011S450E1K	T0115QB45G000	T0115QM45G000
XA1600GV45WT	T1600GB45G000	T1600GM45G000
XA1600GU45WT	T1600GB45G000	T1600GM45G000
XA1600GV45WT	T1600GB45G000	T1600GM45G000
XA0770GU45WT	T1600GB45G000	T1600GM45G000
XA0750GY45WT	T1600GB45G000	T1600GM45G000
XA1600GU45WT	T1600GB45G000	T1600GM45G000
XA0750GY45WT	T1600GB45G000	T1600GM45G000
XA0770GU45WT	T1600GB45G000	T1600GM45G000