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Mar 11, 2024

LFPCN-DM-BTA-2024-002/02

Product Change Notification for Littelfuse: Discrete MOSFETs

To whom it may concern,

Littelfuse would like to notify you of a change in the backend manufacturing of the discrete MOSFET parts listed in appendix B to Littelfuse's in-house assembly unit SBU-Lipa.

DESCRIPTION OF CHANGE:

1. Change in assembly house: SBU-Lipa as the new supplier for SOT-227B package.
The in-house assembly unit SBU-Lipa shall be the new supplier for SOT-227B package. The state-of-the-art power semiconductor assembly unit, SBU-Lipa, shall further improve and strengthen Littelfuse's backend capabilities to support upcoming customer demands more effectively and efficiently.
2. Change in marking and labeling: Details under **APPENDIX A**.
3. Change in tube dimensions: Details under **APPENDIX A**.

Affected part number list can be found under **APPENDIX B**.

Form, fit, function changes: Littelfuse does not anticipate any change in form/fit/function of the affected part number/s.

Further changes, if any, shall be conveyed in a timely manner.

Please note that this PCN is effective as of today, March 11, 2024.








If you have any additional questions or concerns, please contact me or your Regional Sales Manager.

Best Regards,

Sachin Shridhar Paradkar
Product Marketing Engineer
Discrete MOSFETs
Littelfuse Europe GmbH, Germany
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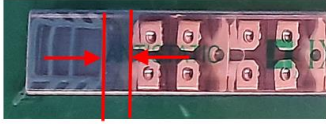
APPENDIX A: Comparison and Change Description

1. Comparison: Marking and Labeling

DESCRIPTION	EXISTING LOCATION	SBU-LIPA	CHANGE (Y/N)	RISK	REMARKS
Unit Marking					
Logo			Y	NR	Change to Littelfuse Logo
UL Sign	Yes	Yes	N	NR	No change
Product Name	Yes	Yes	N	NR	No change
Date Code	YYWW	YYWW	N	NR	No change
Assembly Line Code	G	M	Y	LOW	Site location code
Lot ID	Yes	Yes	N	NR	No Change
Tube Label					
Logo			Y	NR	Change to Littelfuse Logo
Qty per tube	Yes	Yes	N	NR	No change
Part Number	Yes	Yes	N	NR	No change
Lot No	No	Yes	Y	LOW	SBU-Lipa uses global format for product traceability
Country of Origin	No	Yes	Y	LOW	
Barcode + 2D Code	No	Yes	Y	LOW	
Date Code	Yes	Yes	N	NR	No change
Assy Line Code	G	M	Y	LOW	Site location code
Product code	Yes	No	Y	LOW	SBU-Lipa uses global format for product traceability
Box Label					
RoHS Label			Y	LOW	Both boxes having the notification of compliance with RoHS
Logo			Y	NR	Change to Littelfuse Logo
Qty per tube	Yes	Yes	N	NR	No change
Part Number	Yes	Yes	N	NR	No change
Lot No	No	Yes	Y	LOW	SBU-Lipa uses global format for product traceability
Country of Origin	No	Yes	Y	LOW	
Barcode + 2D Code	No	Yes	Y	LOW	
Date Code	Yes	Yes	N	NR	No change
Assy Line Code	G	M	Y	LOW	Site location code
Product code	Yes	No	Y	LOW	SBU-Lipa uses global format for product traceability

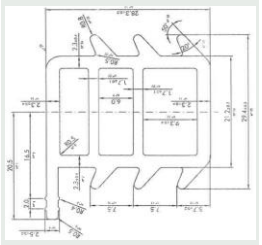
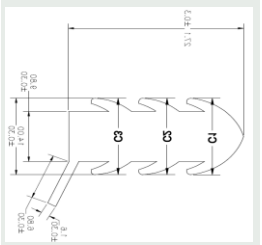
2. Comparison: Tube Dimensions

EXISTING LOCATION: with gap



SBU-Lipa: No gap



Point of Comparison	EXISTING LOCATION	SBU-LIPA	GAP	RISK
Shipping Tube				
Length, mm	566	533	Yes	Low risk. Both tubes have the same quantity of units but SBU-Lipa tube does not allow unit movement after placing the screws (enclosed in anti-static bag) and installing the end plugs. This is also standard to other OSAT
Width, mm	28	28.45	Yes	Low risk. Gap is not significant. SBU-Lipa tube not causing any jamming issue at DTFS and final test tube handlers
Height, mm	15	15.24	Yes	Low risk. Gap is not significant. SBU-Lipa tube not causing any jamming issue at DTFS and final test tube handlers
Material Thickness, mm	0.81	0.89	Yes	Low risk. Gap is not significant.
Tube Opening, mm	26.68 x 13.23	26.67 x 13.46	Yes	Low risk. Gap is not significant. SBU-Lipa tube not causing any jamming issue at DTFS and final test tube handlers
Quantity	10	10	No gap	No risk
Anti-static	Yes	Yes	No gap	No risk
End Plug				
Length, mm	26.3	27.10	Yes	Low risk. No risk of falling unit due to end plug design. SBU-Lipa is using an open tool design and does not allow unit movement when installed
Width, mm	21.2	24.50		
Height, mm	12	14		
Design			Yes	

APPENDIX B: Part Number List

Sl. No.	Part Number
1	IXKN40N60C
2	IXKN45N80C
3	IXKN75N60C