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May 21, 2025
LFPCN-DI-BE-2025-004/01

Backend manufacturing site change for IXDN75N120 (SOT-227) to the in-house assembly facility (SBU-Lipa)

Dear Valued Customers,

Littelfuse would like to inform you about a change in the backend assembly site for the IXDN75N120.

Description of Change:

Details regarding device marking, box and tube labeling, bill of materials, and reliability summary can be found in Appendix A.

Form, Fit, and Function Changes:

Littelfuse does not anticipate any changes to the form, fit, or function of the product.

Country of Origin Update:

- Current: South Korea

- New: Philippines

This change will take effect immediately.

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

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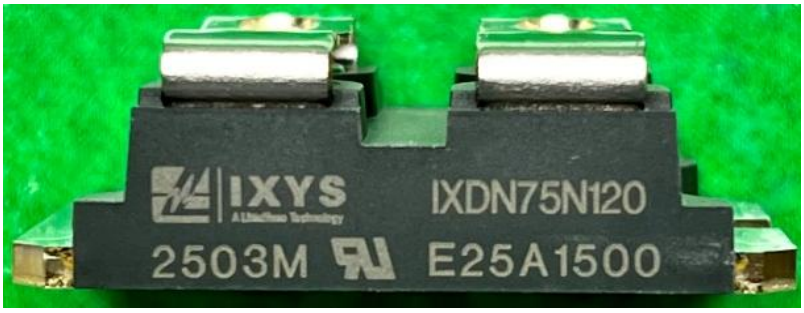
APPENDIX A: Comparison and Change Description

1. Comparison: Device Marking

a. Packages: SOT-227

DESCRIPTION	EXISTING LOCATION	SBU-LIPA	CHANGE (Y/N)	REMARKS
Logo			Y	Change to Littelfuse Logo
UL Sign	Yes	Yes	N	No change
Product Name	Yes	Yes	N	No change
Date Code	YYWW	YYWW	N	No change
Assembly Line Code	S	M	Y	Site location code
Lot ID	Existing Lot ID format	Lipa Lot ID format	Y	Lipa used Lipa format

SBU - LIPA LASER MARKING



2. Comparison: Inner Box and Tube Labeling

a. Inner Box Labeling

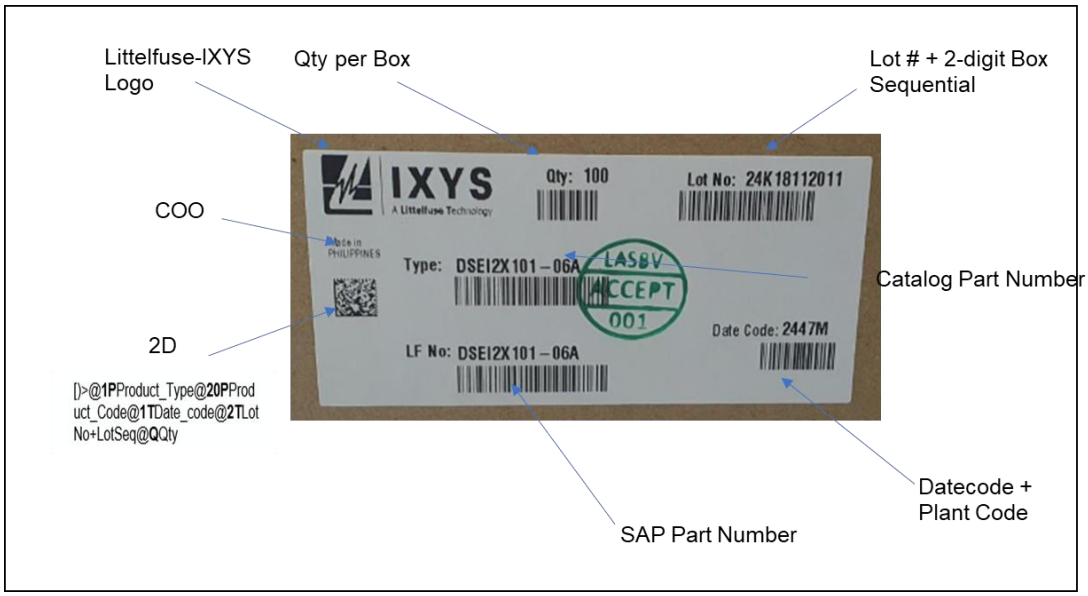
DESCRIPTION	EXISTING LOCATION	SBU-LIPA	CHANGE (Y/N)	REMARKS
RoHS Label			Y	Have printed RoHs compliance label for SBU-Lipa
Logo	IXYS	IXYS	N	No change
Qty per Box	100	100	N	No change
Part Number	Yes	Yes	N	No change
Lot No	Existing Lot ID format	Lipa Lot ID format	Y	SBU-Lipa uses global format
Country of Origin	Yes	Yes	N	No change
Code Type	Barcode + 2D Code	Barcode + 2D Code	N	No change
Date Code	Yes	Yes	N	No change
Assy Line Code	S	M	Y	Site location code

b. Tube Labeling

DESCRIPTION	EXISTING LOCATION	SBU-LIPA	CHANGE (Y/N)	REMARKS
Logo	IXYS	IXYS	N	No change
Qty per tube	10	10	N	No change
Part Number	Yes	Yes	N	No change
Lot No	SPS Lot ID format	Lipa Lot ID format	Y	SBU-Lipa uses global format
Country of Origin	Yes	Yes	N	No change
Code Type	Barcode + 2D Code	Barcode + 2D Code	N	No change
Date Code	Yes	Yes	N	No change
Assy Line Code	S	M	Y	Site location code
Actual tube photo			Y	With IXYS Littelfuse Logo

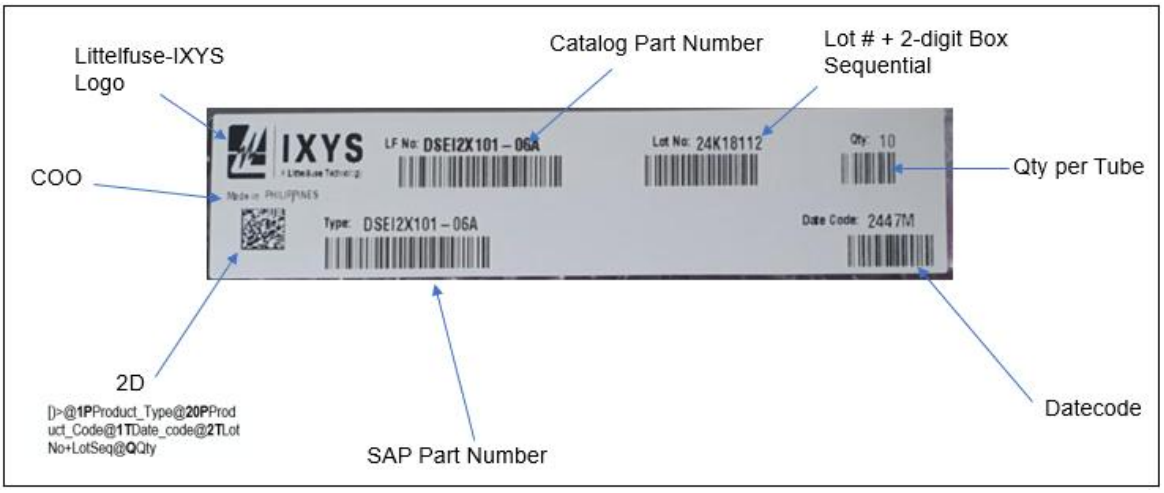
c. Label Comparison

SBU - LIPA BOX LABEL



Note: Sample Label using SOT-227 Package

SBU - LIPA TUBE LABEL



Note: Sample Label using SOT-227 Package

Existing OSAT - BOX and TUBE Label

d. Tube Dimensions

Point of Comparison	Existing OSAT	SBU-LIPA	GAP	RISK
Length, mm	529.7 - 532.3	531 - 533	Yes	Low risk. Gap is not significant.
Width, mm	52.3 - 52.9	52.5 - 53.1	Yes	Low risk. Gap is not significant.
Height, mm	7.57 - 7.63	7.57 - 7.63	No gap	No risk
Material Thickness, mm	0.77 - 0.83	0.77 - 0.83	No gap	No risk
Tube Opening, mm	6 x 51	6 x 51	No gap	No risk
Quantity	25	25	No gap	No risk
Anti-static	Yes	Yes	No gap	No risk
Design			No gap	No risk

3. Bill of Materials

ASSEMBLY COMPONENT	CHANGE vs existing and new location Yes/ No	RISK	REMARKS
Die	No	No risk	No Gap
DCB/SUBSTRATE	No	No risk	No Gap
Connector	Yes	Low risk	New padless design (standard foot length). Material properties are the same.
Solder Material	No	No risk	No Gap
Wire	No	No risk	No Gap
Molding Compound	Yes	No risk	New mold compounds is dechlorane free. Kyocera KE300TS-1-1V
Screw	No	No risk	No Gap
Nut	No	No risk	No Gap

4. Reliability Data Summary

Reliability passed