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Addition of new in-house assembly location for 1200V Discrete IGBTs in SOT-227 package

Dear valued customers and partners,

Littelfuse would like to notify the addition of new in-house assembly location for SOT-227 package, 1200V Discrete IGBTs. This will further streamline and enhance our supply chain efficiencies.

New country of origin for parts: Philippines

Effective Date: October 11, 2023

Description of Change:

1. Package Outline Dimension
2. Markings
3. Bill of Material
4. Packing
5. Reliability test

Details can be seen in **APPENDIX A**.

Affected part numbers list in **APPENDIX B**

Best regards,

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Discrete IGBTs
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Appendix A:

1. **Package Outline Dimension:**
Within datasheet limits.
2. **Markings**

DESCRIPTION	EXISTING LOCATION	NEW LOCATION	CHANGE (Y/N)
Unit Marking			
Logo			Y
UL Sign	Yes	Yes	N
Product Name	Yes	Yes	N
Date Code	YYWW	YYWW	N
Assembly Line Code	G or L	M	Y
Lot ID	Yes	Yes	N
Tube Label			
Logo			Y
Qty per tube	Yes	Yes	N
Part Number	Yes	Yes	N
Country of Origin	Yes	Yes	N
Barcode + 2D Code	No	Yes	Y
Date Code	Yes	Yes	N
Assy Line Code	G or L	M	Y
Product code	Yes	No	Y
Box Label			
RoHS Label			Y
Logo			Y
Qty per tube	Yes	Yes	N
Part Number	Yes	Yes	N
Country of Origin	Yes	Yes	N
Barcode + 2D Code	No	Yes	Y
Date Code	Yes	Yes	Y
Product code	Yes	No	Y

3. Bill of Material

ASSEMBLY COMPONENT	CHANGES FROM EXISTING TO NEW LOCATION (Yes/ No)
Die	No
Solder	No
Wire	No
Molding Compound	No
Screw	No
Nut	No

4. Packing

PARAMETERS	EXISTING LOCATION	NEW LOCATION
Shipping Tube		
Length, mm	533	533
Width, mm	26.67	26.42
Height, mm	15.24	15.24
Material Thickness, mm	0.89	0.89
Tube Opening, mm	26.67 x 13.46	26.42 x 12.70
Quantity	10	10
Anti-static	Yes	Yes
End Plug		
Design		

5. Reliability Result:

Passed, more details can be made available on request.

Appendix B

AFFECTED PART NUMBERS	PACKAGE	Future Production Locations
IXA60IF1200NA	SOT-227	New and Existing
IXG70IF1200NA	SOT-227	New Only
IXA70I1200NA	SOT-227	New Only
IXA70R1200NA	SOT-227	New Only