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LFPCNIGBTAT2023-004

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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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 |