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Suite 500
Chicago, Illinois USA 60631

October 17th, 2023

PCN # ESW490-50 – Diode ISOPLUS220 & ISOPLUS264 Packaging Products Alternative Assembly Location

To our valued customers,

Littelfuse wants to inform you that we have an alternative backend assembly site for our Diode products ISOPLUS220 & ISOPLUS264 Package. The new in-house assembly factory is located in Lipa, Philippines. This brand-new assembly factory is to fulfill our strategy to invest in state-of-the-art power semiconductor assembly capabilities to dramatically improve our service levels to customers. Our target is to build this factory as a world-class facility with automated, error-proof processes to meet the highest quality standards. Contact our local Sales team in case you would like to understand more about this new factory.

Below are the detailed changes associated with Littelfuse's alternative Assembly Site:

- 1) **Silicon Die:** No change
- 2) **Backend Assembly Bill of Materials:** No change
- 3) **Backend Assembly Process Flow:** No change
- 4) **Backend Assembly Equipment:** Equal or better
- 5) **Marking & Labeling:** Yes. Changes pls refer to below details.

ISOPLUS220 Package products:

DESCRIPTION	EXISTING LOCATION	SBU-LIPA	CHANGE (Y/N)	RISK	REMARKS
Unit Marking					
Logo			Y	LOW	Change to Littelfuse Logo
UL Sign	Yes	Yes	N	NR	No change
Trademark 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	L	M	Y	LOW	Site location code
Lot ID	FKT #	Lipa Lot ID format	Y	NR	SBU-Lipa uses global format
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
Country of Origin	Yes	Yes	N	NR	No change
Code Type	Barcode	Barcode + 2D Code	Y	LOW	SBU-Lipa uses global format
Lot No	No	Yes	Y	LOW	SBU-Lipa uses global format
Lot ID	FKT #	Lipa Lot ID format	Y	NR	SBU-Lipa uses global format
Date Code	Yes	Yes	N	NR	No change
Assy Line Code	L	M	Y	LOW	Site location code
Box Label					
RoHS Label			Y	LOW	Both have printed RoHS compliance label
Logo			Y	NR	Change to Littelfuse Logo
Qty per Box	Yes	Yes	N	NR	No change
Part Number	Yes	Yes	N	NR	No change
Country of Origin	Yes	Yes	N	NR	No change
Code Type	Barcode	Barcode + 2D Code	Y	LOW	SBU-Lipa uses global format
Lot ID	FKT #	Lipa Lot ID format	Y	NR	SBU-Lipa uses global format
Date Code	Yes	Yes	N	NR	No change
Assy Line Code	L	M	Y	LOW	Site location code
Product code	Yes	No	Y	LOW	SBU-Lipa uses global format

ISOPLUS264 Package products:

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	P	M	Y	LOW	Site location code
Lot ID	FKT #	Lipa Lot ID format	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
Country of Origin	Yes	Yes	N	NR	No change
Code Type	Barcode	Barcode + 2D Code	Y	LOW	SBU-Lipa uses global format
Lot No	No	Yes	Y	LOW	Additional information from SBU-Lipa
Lot ID	FKT #	Lipa Lot ID format	Y	NR	SBU-Lipa uses global format
Date Code	Yes	Yes	N	NR	No change
Assy Line Code	P	M	Y	LOW	Site location code
Product code	Yes	No	Y	LOW	SBU-Lipa uses global format
Box Label					
RoHS Label			Y	LOW	Both boxes having the notification of compliance with RoHS
Logo			Y	NR	Change to Littelfuse Logo
Qty per Box	Yes	Yes	N	NR	No change
Part Number	Yes	Yes	N	NR	No change
Country of Origin	Yes	Yes	N	NR	No change
Code Type	Barcode	Barcode + 2D Code	Y	LOW	SBU-Lipa uses global format
Lot ID	FKT #	Lipa Lot ID format	Y	NR	SBU-Lipa uses global format
Date Code	Yes	Yes	N	NR	No change
Assy Line Code	P	M	Y	LOW	Site location code
Product code	Yes	No	Y	LOW	SBU-Lipa uses global format

For both ISOPLUS220 & ISOPLUS264 Package products:

Form, fit, function changes: None

Part number changes: None

Effective date: January 17th, 2024

Replacement products: N/A

Last time buy: N/A

This notification is for your information and acknowledgement. If you have any other questions or concerns, please contact your local sales team or Salvador M. Cortez Jr., Product Marketing Engineer for Power Bipolar Discrete.

We value your business and look forward to assisting you whenever possible.

Thank you very much!

Best Regards,

Salvador M. Cortez Jr.
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[Littelfuse Phils, Inc.](#) Lipa, Philippines



- Established since November 1997
- New Building 3 be opened in March 2020
- A two stories building (EBU & SBU)
- Total production space ~8400 m²
- 3400 m² used in phase 1
- Dedicated to semiconductor products



Saw, Die Bond, Wirebond, & Assy Line



Mold, Oven, Deflash & Plating



Tester & Handler