January 2018

Product Discontinuance Notification: PDN 2018-001

Subject: Obsolescence of Various Non-Hermetic Zener diodes

Description: Microsemi is announcing the discontinuance of select products that are currently being offered by Microsemi Discrete Product Group (DPG). The products affected by this PDN are being discontinued and will no longer be available from Microsemi.

Reason for Discontinuance: The reason for the obsolescence of these products is due to the volume demand on these mature devices has gradually declined over the years and as a result the die is no longer available. Microsemi apologizes for any inconvenience this situation may cause our customers, but unfortunately the normal last time purchase & last time shipment periods can not be offered. Customers should contact their Microsemi sales representative as soon as possible to discuss how Microsemi may be able to support specific customer needs with the limited remaining product inventories. There will be no replacement part and customers are required to place a last time buy to support their lifetime demand.

Customer Impact: N/A

Replacement Parts: There are no direct replacements for these

Last Order Date: Immediately subject to availability

Last Shipment Date: 15th April 2018

Products Affected by this Discontinuance: please see comprehensive list below

Contact Information:

Power Discretes & Modules Business Unit Discrete Products Group Microsemi Corporation 6 Lake Street Lawrence, MA 01841, USA Tel: (978)620-2600 Email: sales.LAW@microsemi.com

Regards,

Tim Donovan Director of Tactical Marketing DPG, PDM, Microsemi Corporation **Discontinuance Notice**

PDN Originator Áine Beugnon High Reliability Discrete Solutions, Discrete Products Group, Microsemi Corporation Email: <u>aine.beugnon@microsemi.com</u> Tel: +353 65 6869145

Any projected dates in this notification are based on the most current product information at the time this PDN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

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Product	Package	ROHS
1N4761AE3/TR13	DO-41P	Yes
1N4761AP/TR12	DO-41P	No
1N4761AP/TR8	DO-41P	No
1N4761APe3/TR12	DO-41P	Yes
1N4761APe3/TR8	DO-41P	Yes
1N4761Ce3/TR13	DO-41P	Yes
1N4761CP/TR12	DO-41P	No
1N4761CP/TR8	DO-41P	No
1N4761CPe3/TR12	DO-41P	Yes
1N4761CPe3/TR8	DO-41P	Yes
1N4761E3/TR13	DO-41P	No
1N4761P/TR12	DO-41P	No
1N4761P/TR8	DO-41P	No
1N4761Pe3/TR12	DO-41P	Yes
1N4761Pe3/TR8	DO-41P	Yes
1N4762Ae3/TR13	DO-41P	Yes
1N4762AP/TR12	DO-41P	No



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Product	Package	ROHS
1N4762AP/TR8	DO-41P	No
1N4762APe3/TR12	DO-41P	Yes
1N4762APe3/TR8	DO-41P	Yes
1N4762Ce3/TR13	DO-41P	Yes
1N4762CP/TR12	DO-41P	No
1N4762CP/TR8	DO-41P	No
1N4762CPe3/TR12	DO-41P	Yes
1N4762CPe3/TR8	DO-41P	Yes
1N4762e3/TR13	DO-41P	Yes
1N4762P/TR12	DO-41P	No
1N4762P/TR8	DO-41P	No
1N4762Pe3/TR12	DO-41P	Yes
1N4762Pe3/TR8	DO-41P	Yes
1N4763Ae3/TR13	DO-41P	Yes
1N4763AP/TR12	DO-41P	No
1N4763AP/TR8	DO-41P	No
1N4763APe3/TR12	DO-41P	Yes
1N4763APe3/TR8	DO-41P	Yes
1N4763Ce3/TR13	DO-41P	Yes
1N4763CP/TR12	DO-41P	No
1N4763CP/TR8	DO-41P	No
1N4763CPe3/TR12	DO-41P	Yes
1N4763CPe3/TR8	DO-41P	Yes
1N4763e3/TR13	DO-41P	Yes
1N4763P/TR12	DO-41P	No
1N4763P/TR8	DO-41P	No
1N4763Pe3/TR12	DO-41P	Yes
1N4763Pe3/TR8	DO-41P	Yes
1N4764Ae3/TR13	DO-41P	Yes
1N4764AP/TR12	DO-41P	No
1N4764AP/TR8	DO-41P	No
1N4764APe3/TR12	DO-41P	Yes
1N4764APe3/TR8	DO-41P	Yes
1N4764Ce3/TR13	DO-41P	Yes
1N4764CP/TR12	DO-41P	No
1N4764CP/TR8	DO-41P	No
1N4764CPe3/TR12	DO-41P	Yes
1N4764CPe3/TR8	DO-41P	Yes
1N4764e3/TR13	DO-41P	Yes
1N4764P/TR12	DO-41P	No

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Product	Package	ROHS
1N4764P/TR8	DO-41P	No
1N4764Pe3/TR12	DO-41P	Yes
1N4764Pe3/TR8	DO-41P	Yes
1N5374/TR12	DO-41P	Yes
1N5374/TR8	DO-41P	Yes
1N5374A/TR12	DO-41P	Yes
1N5374A/TR8	DO-41P	Yes
1N5374Ae3/TR12	DO-41P	Yes
1N5374AE3/TR13	DO-41P	Yes
1N5374Ae3/TR8	DO-41P	Yes
1N5374B/TR12	DO-41P	No
1N5374B/TR8	DO-41P	No
1N5374Be3/TR12	DO-41P	Yes
1N5374Be3/TR13	DO-41P	Yes
1N5374Be3/TR8	DO-41P	Yes
1N5374C/TR12	DO-41P	No
1N5374C/TR8	DO-41P	No
1N5374Ce3/TR12	DO-41P	Yes
1N5374Ce3/TR13	DO-41P	Yes
1N5374Ce3/TR8	DO-41P	Yes
1N5374e3/TR12	DO-41P	Yes
1N5374e3/TR13	DO-41P	Yes
1N5374e3/TR8	DO-41P	Yes
1N5375Ae3/TR13	DO-41P	Yes
1N5375Be3/TR13	DO-41P	Yes
1N5375Ce3/TR13	DO-41P	Yes
1N5375e3/TR13	DO-41P	Yes
1N5376/TR12	DO-41P	No
1N5376/TR8	DO-41P	No
1N5376A/TR12	DO-41P	No
1N5376A/TR8	DO-41P	No
1N5376Ae3/TR12	DO-41P	Yes
1N5376Ae3/TR13	DO-41P	Yes
1N5376Ae3/TR8	DO-41P	Yes
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Product	Package	ROHS
1N5376B/TR12	DO-41P	No
1N5376B/TR8	DO-41P	No
1N5376Be3/TR12	DO-41P	Yes
1N5376Be3/TR13	DO-41P	Yes
1N5376Be3/TR8	DO-41P	Yes
1N5376C/TR12	DO-41P	No
1N5376C/TR8	DO-41P	No
1N5376Ce3/TR12	DO-41P	Yes
1N5376Ce3/TR13	DO-41P	Yes
1N5376Ce3/TR8	DO-41P	Yes
1N5376e3/TR12	DO-41P	Yes
1N5376e3/TR13	DO-41P	Yes
1N5376e3/TR8	DO-41P	Yes
1N5377/TR12	DO-41P	No
1N5377/TR8	DO-41P	No
1N5377A/TR12	DO-41P	No
1N5377A/TR8	DO-41P	No
1N5377Ae3/TR12	DO-41P	Yes
1N5377Ae3/TR13	DO-41P	Yes
1N5377Ae3/TR8	DO-41P	Yes
1N5377B/TR12	DO-41P	No
1N5377B/TR8	DO-41P	No
1N5377Be3/TR12	DO-41P	Yes
1N5377Be3/TR13	DO-41P	Yes
1N5377Be3/TR8	DO-41P	Yes
1N5377C/TR12	DO-41P	No
1N5377C/TR8	DO-41P	No
1N5377Ce3/TR12	DO-41P	Yes
1N5377Ce3/TR13	DO-41P	Yes
1N5377Ce3/TR8	DO-41P	Yes
1N5377e3/TR12	DO-41P	Yes
1N5377e3/TR13	DO-41P	Yes
1N5377e3/TR8	DO-41P	Yes
1N5378/TR12	DO-41P	No
1N5378/TR8	DO-41P	No
1N5378A/TR12	DO-41P	No
1N5378A/TR8	DO-41P	No
1N5378Ae3/TR12	DO-41P	Yes
1N5378Ae3/TR13	DO-41P	Yes
1N5378Ae3/TR8	DO-41P	Yes

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Product	Package	ROHS
1N5378B/TR12	DO-41P	No
1N5378B/TR8	DO-41P	No
1N5378Be3/TR12	DO-41P	Yes
1N5378Be3/TR13	DO-41P	Yes
1N5378Be3/TR8	DO-41P	Yes
1N5378Ce3/TR12	DO-41P	Yes
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1N5378Ce3/TR8	DO-41P	Yes
1N5378e3/TR12	DO-41P	Yes
1N5378e3/TR13	DO-41P	Yes
1N5378e3/TR8	DO-41P	Yes
1N5946Be3/TR13	DO-41P	Yes
1N5946BP/TR12	DO-41P	No
1N5946BP/TR8	DO-41P	No
1N5946BPe3/TR12	DO-41P	Yes
1N5946BPe3/TR8	DO-41P	Yes
1N5946Ce3/TR13	DO-41P	Yes
1N5946CP/TR12	DO-41P	No
1N5946CP/TR8	DO-41P	No
1N5946CPe3/TR12	DO-41P	Yes
1N5946CPe3/TR8	DO-41P	Yes
1N5946e3/TR13	DO-41P	Yes
1N5946P/TR12	DO-41P	No
1N5946P/TR8	DO-41P	No
1N5946Pe3/TR12	DO-41P	Yes
1N5946Pe3/TR8	DO-41P	Yes
1N5947Ae3/TR13	DO-41P	Yes
1N5947AP/TR12	DO-41P	No
1N5947AP/TR8	DO-41P	No
1N5947APe3/TR12	DO-41P	Yes
1N5947APe3/TR8	DO-41P	Yes
1N5947Be3/TR13	DO-41P	Yes
1N5947BP/TR12	DO-41P	No
1N5947BP/TR8	DO-41P	No



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Product	Package	ROHS
1N5947BPe3/TR12	DO-41P	Yes
1N5947BPe3/TR8	DO-41P	Yes
1N5947Ce3/TR13	DO-41P	Yes
1N5947CP/TR12	DO-41P	No
1N5947CP/TR8	DO-41P	No
1N5947CPe3/TR12	DO-41P	Yes
1N5947CPe3/TR8	DO-41P	Yes
1N5947e3/TR13	DO-41P	Yes
1N5947P/TR12	DO-41P	No
1N5947P/TR8	DO-41P	No
1N5947Pe3/TR12	DO-41P	Yes
1N5947Pe3/TR8	DO-41P	Yes
1N5948Ae3/TR13	DO-41P	Yes
1N5948AP/TR12	DO-41P	No
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1N5948APe3/TR8	DO-41P	Yes
1N5948Be3/TR13	DO-41P	Yes
1N5948BP/TR12	DO-41P	No
1N5948BP/TR8	DO-41P	No
1N5948BPe3/TR12	DO-41P	Yes
1N5948BPe3/TR8	DO-41P	Yes
1N5948Ce3/TR13	DO-41P	Yes
1N5948CP/TR12	DO-41P	No
1N5948CP/TR8	DO-41P	No
1N5948CPe3/TR12	DO-41P	Yes
1N5948CPe3/TR8	DO-41P	Yes
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1N5949Ae3/TR13	DO-41P	Yes
1N5949AP/TR12	DO-41P	No
1N5949AP/TR8	DO-41P	No
1N5949APe3/TR12	DO-41P	Yes
1N5949APe3/TR8	DO-41P	Yes
1N5949Be3/TR13	DO-41P	Yes
1N5949BP/TR12	DO-41P	No
1N5949BP/TR8	DO-41P	No

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Product	Package	ROHS
	DO-41P	Yes
1N5949BPe3/TR12		
1N5949BPe3/TR8	DO-41P	Yes
1N5949Ce3/TR13	DO-41P	Yes
1N5949CP/TR12	DO-41P	No
1N5949CP/TR8	DO-41P	No
1N5949CPe3/TR12	DO-41P	Yes
1N5949CPe3/TR8	DO-41P	Yes
1N5949e3/TR13	DO-41P	Yes
1N5949P/TR12	DO-41P	No
1N5949P/TR8	DO-41P	No
1N5949Pe3/TR12	DO-41P	Yes
1N5949Pe3/TR8	DO-41P	Yes
SMAJ5946Ae3/TR13	DO-41P	Yes
SMAJ5946Be3/TR13	DO-41P	Yes
SMAJ5946Ce3/TR13	DO-41P	Yes
SMAJ5946e3/TR13	DO-41P	Yes
SMAJ5947Ae3/TR13	DO-41P	Yes
SMAJ5947Be3/TR13	DO-41P	Yes
SMAJ5947Ce3/TR13	DO-41P	Yes
SMAJ5947e3/TR13	DO-41P	Yes
SMAJ5948Ae3/TR13	DO-41P	Yes
SMAJ5948Be3/TR13	DO-41P	Yes
SMAJ5948Ce3/TR13	DO-41P	Yes
SMAJ5948e3/TR13	DO-41P	Yes
SMAJ5949Ae3/TR13	DO-41P	Yes
SMAJ5949Be3/TR13	DO-41P	Yes
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SMAJ5949e3/TR13	DO-41P	Yes
SMAJ5950Ae3/TR13	DO-41P	Yes
SMAJ5950Be3/TR13	DO-41P	Yes
SMAJ5950Ce3/TR13	DO-41P	Yes
SMAJ5950Ce3/TR13	DO-41P	Yes
SMAJ595063/TR13	DO-41P	Yes
SMAJ5951Ae3/TR13	DO-41P	Yes
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Product	Package	ROHS
SMAJ5951Ce3/TR13	DO-41P	Yes
SMAJ5951e3/TR13	DO-41P	Yes
SMAJ5953Ae3/TR13	DO-41P	Yes
SMAJ5953Be3/TR13	DO-41P	Yes
SMAJ5953Ce3/TR13	DO-41P	Yes
SMAJ5953e3/TR13	DO-41P	Yes
SMAJ5954Ae3/TR13	DO-41P	Yes
SMAJ5954Be3/TR13	DO-41P	Yes
SMAJ5954Ce3/TR13	DO-41P	Yes
SMAJ5954e3/TR13	DO-41P	Yes
SMAJ5955Ae3/TR13	DO-41P	Yes
SMAJ5955Be3/TR13	DO-41P	Yes
SMAJ5955Ce3/TR13	DO-41P	Yes
SMAJ5955e3/TR13	DO-41P	Yes
SMAJ5956Ae3/TR13	DO-41P	Yes
SMAJ5956Be3/TR13	DO-41P	Yes
SMAJ5956Ce3/TR13	DO-41P	Yes
SMAJ5956e3/TR13	DO-41P	Yes