



Product Change Notification



Product Group: Diodes Division / August 7, 2020 / PCN-DD-014-2020 Rev. 0

MicroSMF PLZ series bonding wire change

DESCRIPTION OF CHANGE : Vishay Diodes Division will change PLZ series products' bonding wire from Cu wire to Pd coated-Cu wire in MicroSMF (DO-219AC) package.

Qualification test has been confirmed to meet and pass all specifications for automotive grade. There will be no change in form, fit or function of final products.

CLASSIFICATION OF CHANGE : Assembly Process/Structure

REASON FOR CHANGE : Wire bonding technology upgrade

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE :

There will be no effect on quality, reliability or electrical performance.

PRODUCT CATEGORY: Diodes

PART NUMBERS/SERIES/FAMILIES AFFECTED :

Involved part numbers are listed in below table 1 and table 2

Table 1: MicroSMF packaged PLZ Series P/N with suffix "-G3", industrial grade, (no part number change)

PLZ10A-G3/H	PLZ20D-G3/H	PLZ30D-G3/H	PLZ4V7A-G3/H
PLZ10B-G3/H	PLZ22A-G3/H	PLZ33A-G3/H	PLZ4V7B-G3/H
PLZ10C-G3/H	PLZ22B-G3/H	PLZ33B-G3/H	PLZ4V7C-G3/H
PLZ10D-G3/H	PLZ22C-G3/H	PLZ33C-G3/H	PLZ5V1A-G3/H
PLZ11A-G3/H	PLZ22D-G3/H	PLZ33D-G3/H	PLZ5V1B-G3/H
PLZ11B-G3/H	PLZ24A-G3/H	PLZ36A-G3/H	PLZ5V1C-G3/H
PLZ11C-G3/H	PLZ24B-G3/H	PLZ36B-G3/H	PLZ5V6A-G3/H
PLZ12A-G3/H	PLZ24C-G3/H	PLZ36C-G3/H	PLZ5V6B-G3/H
PLZ12B-G3/H	PLZ24D-G3/H	PLZ36D-G3/H	PLZ5V6C-G3/H
PLZ12C-G3/H	PLZ27A-G3/H	PLZ39A-G3/H	PLZ6V2A-G3/H
PLZ13A-G3/H	PLZ27B-G3/H	PLZ39B-G3/H	PLZ6V2B-G3/H
PLZ13B-G3/H	PLZ27C-G3/H	PLZ39C-G3/H	PLZ6V2C-G3/H
PLZ13C-G3/H	PLZ27D-G3/H	PLZ39D-G3/H	PLZ6V8A-G3/H
PLZ15A-G3/H	PLZ2V0A-G3/H	PLZ3V0A-G3/H	PLZ6V8B-G3/H
PLZ15B-G3/H	PLZ2V0B-G3/H	PLZ3V0B-G3/H	PLZ6V8C-G3/H
PLZ15C-G3/H	PLZ2V2A-G3/H	PLZ3V3A-G3/H	PLZ7V5A-G3/H
PLZ16A-G3/H	PLZ2V2B-G3/H	PLZ3V3B-G3/H	PLZ7V5B-G3/H
PLZ16B-G3/H	PLZ2V4A-G3/H	PLZ3V6A-G3/H	PLZ7V5C-G3/H
PLZ16C-G3/H	PLZ2V4B-G3/H	PLZ3V6B-G3/H	PLZ8V2A-G3/H
PLZ18A-G3/H	PLZ2V7A-G3/H	PLZ3V9A-G3/H	PLZ8V2B-G3/H
PLZ18B-G3/H	PLZ2V7B-G3/H	PLZ3V9B-G3/H	PLZ8V2C-G3/H



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PLZ18C-G3/H	PLZ30A-G3/H	PLZ4V3A-G3/H	PLZ9V1A-G3/H
PLZ20A-G3/H	PLZ30B-G3/H	PLZ4V3B-G3/H	PLZ9V1B-G3/H
PLZ20B-G3/H	PLZ30C-G3/H	PLZ4V3C-G3/H	PLZ9V1C-G3/H
PLZ20C-G3/H			

Table 2: MicroSMF packaged PLZ Series P/N with suffix “-HG3”, automotive grade, adopt P/N change following the new revision P/N rule with adding underscore _ A as revision code

Existing P/N	New Revision P/N	Existing P/N	New Revision P/N
PLZ10A-BHG3/H	PLZ10A-BHG3_A/H	PLZ30D-BHG3/H	PLZ30D-BHG3_A/H
PLZ10A-HG3/H	PLZ10A-HG3_A/H	PLZ30D-HG3/H	PLZ30D-HG3_A/H
PLZ10B-BHG3/H	PLZ10B-BHG3_A/H	PLZ33A-BHG3/H	PLZ33A-BHG3_A/H
PLZ10B-HG3/H	PLZ10B-HG3_A/H	PLZ33A-HG3/H	PLZ33A-HG3_A/H
PLZ10C-BHG3/H	PLZ10C-BHG3_A/H	PLZ33B-BHG3/H	PLZ33B-BHG3_A/H
PLZ10C-HG3/H	PLZ10C-HG3_A/H	PLZ33B-HG3/H	PLZ33B-HG3_A/H
PLZ10D-BHG3/H	PLZ10D-BHG3_A/H	PLZ33C-BHG3/H	PLZ33C-BHG3_A/H
PLZ10D-HG3/H	PLZ10D-HG3_A/H	PLZ33C-HG3/H	PLZ33C-HG3_A/H
PLZ11A-BHG3/H	PLZ11A-BHG3_A/H	PLZ33D-BHG3/H	PLZ33D-BHG3_A/H
PLZ11A-HG3/H	PLZ11A-HG3_A/H	PLZ33D-HG3/H	PLZ33D-HG3_A/H
PLZ11B-BHG3/H	PLZ11B-BHG3_A/H	PLZ36A-BHG3/H	PLZ36A-BHG3_A/H
PLZ11B-HG3/H	PLZ11B-HG3_A/H	PLZ36A-HG3/H	PLZ36A-HG3_A/H
PLZ11C-BHG3/H	PLZ11C-BHG3_A/H	PLZ36B-BHG3/H	PLZ36B-BHG3_A/H
PLZ11C-HG3/H	PLZ11C-HG3_A/H	PLZ36B-HG3/H	PLZ36B-HG3_A/H
PLZ12A-BHG3/H	PLZ12A-BHG3_A/H	PLZ36C-BHG3/H	PLZ36C-BHG3_A/H
PLZ12A-HG3/H	PLZ12A-HG3_A/H	PLZ36C-HG3/H	PLZ36C-HG3_A/H
PLZ12B-BHG3/H	PLZ12B-BHG3_A/H	PLZ36D-BHG3/H	PLZ36D-BHG3_A/H
PLZ12B-HG3/H	PLZ12B-HG3_A/H	PLZ36D-HG3/H	PLZ36D-HG3_A/H
PLZ12C-BHG3/H	PLZ12C-BHG3_A/H	PLZ39A-BHG3/H	PLZ39A-BHG3_A/H
PLZ12C-HG3/H	PLZ12C-HG3_A/H	PLZ39A-HG3/H	PLZ39A-HG3_A/H
PLZ13A-BHG3/H	PLZ13A-BHG3_A/H	PLZ39B-BHG3/H	PLZ39B-BHG3_A/H
PLZ13A-HG3/H	PLZ13A-HG3_A/H	PLZ39B-HG3/H	PLZ39B-HG3_A/H
PLZ13B-BHG3/H	PLZ13B-BHG3_A/H	PLZ39C-BHG3/H	PLZ39C-BHG3_A/H
PLZ13B-HG3/H	PLZ13B-HG3_A/H	PLZ39C-HG3/H	PLZ39C-HG3_A/H
PLZ13C-BHG3/H	PLZ13C-BHG3_A/H	PLZ39D-BHG3/H	PLZ39D-BHG3_A/H
PLZ13C-HG3/H	PLZ13C-HG3_A/H	PLZ39D-HG3/H	PLZ39D-HG3_A/H
PLZ15A-BHG3/H	PLZ15A-BHG3_A/H	PLZ3V0A-BHG3/H	PLZ3V0A-BHG3_A/H
PLZ15A-HG3/H	PLZ15A-HG3_A/H	PLZ3V0A-HG3/H	PLZ3V0A-HG3_A/H
PLZ15B-BHG3/H	PLZ15B-BHG3_A/H	PLZ3V0B-BHG3/H	PLZ3V0B-BHG3_A/H
PLZ15B-HG3/H	PLZ15B-HG3_A/H	PLZ3V0B-HG3/H	PLZ3V0B-HG3_A/H
PLZ15C-BHG3/H	PLZ15C-BHG3_A/H	PLZ3V3A-BHG3/H	PLZ3V3A-BHG3_A/H
PLZ15C-HG3/H	PLZ15C-HG3_A/H	PLZ3V3A-HG3/H	PLZ3V3A-HG3_A/H
PLZ16A-BHG3/H	PLZ16A-BHG3_A/H	PLZ3V3B-BHG3/H	PLZ3V3B-BHG3_A/H
PLZ16A-HG3/H	PLZ16A-HG3_A/H	PLZ3V3B-HG3/H	PLZ3V3B-HG3_A/H



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Existing P/N	New Revision P/N	Existing P/N	New Revision P/N
PLZ16B-BHG3/H	PLZ16B-BHG3_A/H	PLZ3V6A-BHG3/H	PLZ3V6A-BHG3_A/H
PLZ16B-HG3/H	PLZ16B-HG3_A/H	PLZ3V6A-HG3/H	PLZ3V6A-HG3_A/H
PLZ16C-BHG3/H	PLZ16C-BHG3_A/H	PLZ3V6B-BHG3/H	PLZ3V6B-BHG3_A/H
PLZ16C-HG3/H	PLZ16C-HG3_A/H	PLZ3V6B-HG3/H	PLZ3V6B-HG3_A/H
PLZ18A-BHG3/H	PLZ18A-BHG3_A/H	PLZ3V9A-BHG3/H	PLZ3V9A-BHG3_A/H
PLZ18A-HG3/H	PLZ18A-HG3_A/H	PLZ3V9A-HG3/H	PLZ3V9A-HG3_A/H
PLZ18B-BHG3/H	PLZ18B-BHG3_A/H	PLZ3V9B-BHG3/H	PLZ3V9B-BHG3_A/H
PLZ18B-HG3/H	PLZ18B-HG3_A/H	PLZ3V9B-HG3/H	PLZ3V9B-HG3_A/H
PLZ18C-BHG3/H	PLZ18C-BHG3_A/H	PLZ4V3A-BHG3/H	PLZ4V3A-BHG3_A/H
PLZ18C-HG3/H	PLZ18C-HG3_A/H	PLZ4V3A-HG3/H	PLZ4V3A-HG3_A/H
PLZ20A-BHG3/H	PLZ20A-BHG3_A/H	PLZ4V3B-BHG3/H	PLZ4V3B-BHG3_A/H
PLZ20A-HG3/H	PLZ20A-HG3_A/H	PLZ4V3B-HG3/H	PLZ4V3B-HG3_A/H
PLZ20B-BHG3/H	PLZ20B-BHG3_A/H	PLZ4V3C-BHG3/H	PLZ4V3C-BHG3_A/H
PLZ20B-HG3/H	PLZ20B-HG3_A/H	PLZ4V3C-HG3/H	PLZ4V3C-HG3_A/H
PLZ20C-BHG3/H	PLZ20C-BHG3_A/H	PLZ4V7A-BHG3/H	PLZ4V7A-BHG3_A/H
PLZ20C-HG3/H	PLZ20C-HG3_A/H	PLZ4V7A-HG3/H	PLZ4V7A-HG3_A/H
PLZ20D-BHG3/H	PLZ20D-BHG3_A/H	PLZ4V7B-BHG3/H	PLZ4V7B-BHG3_A/H
PLZ20D-HG3/H	PLZ20D-HG3_A/H	PLZ4V7B-HG3/H	PLZ4V7B-HG3_A/H
PLZ22A-BHG3/H	PLZ22A-BHG3_A/H	PLZ4V7C-BHG3/H	PLZ4V7C-BHG3_A/H
PLZ22A-HG3/H	PLZ22A-HG3_A/H	PLZ4V7C-HG3/H	PLZ4V7C-HG3_A/H
PLZ22B-BHG3/H	PLZ22B-BHG3_A/H	PLZ5V1A-BHG3/H	PLZ5V1A-BHG3_A/H
PLZ22B-HG3/H	PLZ22B-HG3_A/H	PLZ5V1A-HG3/H	PLZ5V1A-HG3_A/H
PLZ22C-BHG3/H	PLZ22C-BHG3_A/H	PLZ5V1B-BHG3/H	PLZ5V1B-BHG3_A/H
PLZ22C-HG3/H	PLZ22C-HG3_A/H	PLZ5V1B-HG3/H	PLZ5V1B-HG3_A/H
PLZ22D-BHG3/H	PLZ22D-BHG3_A/H	PLZ5V1C-BHG3/H	PLZ5V1C-BHG3_A/H
PLZ22D-HG3/H	PLZ22D-HG3_A/H	PLZ5V1C-HG3/H	PLZ5V1C-HG3_A/H
PLZ24A-BHG3/H	PLZ24A-BHG3_A/H	PLZ5V6A-BHG3/H	PLZ5V6A-BHG3_A/H
PLZ24A-HG3/H	PLZ24A-HG3_A/H	PLZ5V6A-HG3/H	PLZ5V6A-HG3_A/H
PLZ24B-BHG3/H	PLZ24B-BHG3_A/H	PLZ5V6B-BHG3/H	PLZ5V6B-BHG3_A/H
PLZ24B-HG3/H	PLZ24B-HG3_A/H	PLZ5V6B-HG3/H	PLZ5V6B-HG3_A/H
PLZ24C-BHG3/H	PLZ24C-BHG3_A/H	PLZ5V6C-BHG3/H	PLZ5V6C-BHG3_A/H
PLZ24C-HG3/H	PLZ24C-HG3_A/H	PLZ5V6C-HG3/H	PLZ5V6C-HG3_A/H
PLZ24D-BHG3/H	PLZ24D-BHG3_A/H	PLZ6V2A-BHG3/H	PLZ6V2A-BHG3_A/H
PLZ24D-HG3/H	PLZ24D-HG3_A/H	PLZ6V2A-HG3/H	PLZ6V2A-HG3_A/H
PLZ27A-BHG3/H	PLZ27A-BHG3_A/H	PLZ6V2B-BHG3/H	PLZ6V2B-BHG3_A/H
PLZ27A-HG3/H	PLZ27A-HG3_A/H	PLZ6V2B-HG3/H	PLZ6V2B-HG3_A/H
PLZ27B-BHG3/H	PLZ27B-BHG3_A/H	PLZ6V2C-BHG3/H	PLZ6V2C-BHG3_A/H
PLZ27B-HG3/H	PLZ27B-HG3_A/H	PLZ6V2C-HG3/H	PLZ6V2C-HG3_A/H
PLZ27C-BHG3/H	PLZ27C-BHG3_A/H	PLZ6V2CL-HG3/H	PLZ6V2CL-HG3_A/H
PLZ27C-HG3/H	PLZ27C-HG3_A/H	PLZ6V8A-BHG3/H	PLZ6V8A-BHG3_A/H
PLZ27D-BHG3/H	PLZ27D-BHG3_A/H	PLZ6V8A-HG3/H	PLZ6V8A-HG3_A/H
PLZ27D-HG3/H	PLZ27D-HG3_A/H	PLZ6V8B-BHG3/H	PLZ6V8B-BHG3_A/H



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PLZ2V0A-BHG3/H	PLZ2V0A-BHG3_A/H	PLZ6V8B-HG3/H	PLZ6V8B-HG3_A/H
PLZ2V0A-HG3/H	PLZ2V0A-HG3_A/H	PLZ6V8C-BHG3/H	PLZ6V8C-BHG3_A/H
PLZ2V0B-BHG3/H	PLZ2V0B-BHG3_A/H	PLZ6V8C-HG3/H	PLZ6V8C-HG3_A/H
PLZ2V0B-HG3/H	PLZ2V0B-HG3_A/H	PLZ7V5A-BHG3/H	PLZ7V5A-BHG3_A/H
PLZ2V2A-BHG3/H	PLZ2V2A-BHG3_A/H	PLZ7V5A-HG3/H	PLZ7V5A-HG3_A/H
PLZ2V2A-HG3/H	PLZ2V2A-HG3_A/H	PLZ7V5B-BHG3/H	PLZ7V5B-BHG3_A/H
PLZ2V2B-BHG3/H	PLZ2V2B-BHG3_A/H	PLZ7V5B-HG3/H	PLZ7V5B-HG3_A/H
PLZ2V2B-HG3/H	PLZ2V2B-HG3_A/H	PLZ7V5C-BHG3/H	PLZ7V5C-BHG3_A/H
PLZ2V4A-BHG3/H	PLZ2V4A-BHG3_A/H	PLZ7V5C-HG3/H	PLZ7V5C-HG3_A/H
PLZ2V4A-HG3/H	PLZ2V4A-HG3_A/H	PLZ8V2A-BHG3/H	PLZ8V2A-BHG3_A/H
PLZ2V4B-BHG3/H	PLZ2V4B-BHG3_A/H	PLZ8V2A-HG3/H	PLZ8V2A-HG3_A/H
PLZ2V4B-HG3/H	PLZ2V4B-HG3_A/H	PLZ8V2B-BHG3/H	PLZ8V2B-BHG3_A/H
PLZ2V7A-BHG3/H	PLZ2V7A-BHG3_A/H	PLZ8V2B-HG3/H	PLZ8V2B-HG3_A/H
PLZ2V7A-HG3/H	PLZ2V7A-HG3_A/H	PLZ8V2C-BHG3/H	PLZ8V2C-BHG3_A/H
PLZ2V7B-BHG3/H	PLZ2V7B-BHG3_A/H	PLZ8V2C-HG3/H	PLZ8V2C-HG3_A/H
PLZ2V7B-HG3/H	PLZ2V7B-HG3_A/H	PLZ9V1A-BHG3/H	PLZ9V1A-BHG3_A/H
PLZ30A-BHG3/H	PLZ30A-BHG3_A/H	PLZ9V1A-HG3/H	PLZ9V1A-HG3_A/H
PLZ30A-HG3/H	PLZ30A-HG3_A/H	PLZ9V1B-BHG3/H	PLZ9V1B-BHG3_A/H
PLZ30B-BHG3/H	PLZ30B-BHG3_A/H	PLZ9V1B-HG3/H	PLZ9V1B-HG3_A/H
PLZ30B-HG3/H	PLZ30B-HG3_A/H	PLZ9V1C-BHG3/H	PLZ9V1C-BHG3_A/H
PLZ30C-BHG3/H	PLZ30C-BHG3_A/H	PLZ9V1C-HG3/H	PLZ9V1C-HG3_A/H
PLZ30C-HG3/H	PLZ30C-HG3_A/H		

VISHAY BRAND : Vishay Semiconductors

TIME SCHEDULE :

Table 1 P/Ns: Vishay may start to ship the parts accordingly to this PCN after October 8, 2020

Table 2 Existing P/Ns: Last Time Buy Date : February 8, 2021
Last Time Shipment Date : August 9, 2021
Last Time Return Date: February 8, 2021
Expiration of Ship and Debit: August 9, 2021

Table 2 New Revision P/N: available

SAMPLE AVAILABILITY : Available upon request.

PRODUCT IDENTIFICATION : N/A

QUALIFICATION DATA : Available upon request.



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This PCN is considered approved, without further notification, unless we receive specific customer concerns before October 7, 2020 or as specified by contract.

ISSUED BY: Ernst Lueftinger, Product Marketing Manager
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For further information, please contact your regional Vishay office.

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