



Product Change Notification



Product Group: Vishay Siliconix/ May 17, 2017/PCN-SIL-4072017

Automotive Grade Material Upgrade for SO and TSOP ICs

DESCRIPTION OF CHANGE: Vishay Siliconix is working towards Automotive Standards for SO8/14/16 and TSOP14/16 packages for its Analog ICs products assembled at Subcontractor Amkor in Philippines by implementing some changes of the material composition.

For all SO8, SO14, SO16, TSOP14 and TSOP16, the following changes will be made in the package assembly. All materials for those packages are now automotive standards:

- Improvement of the package robustness by using RTPPF Lead frames.
- Increase of parts durability by switching from bare copper wires to gold coated palladium copper wires.
- Increased reliability by using G700LS mold compound for improved MSL performance.

CLASSIFICATION OF CHANGE: Direct Material

REASON FOR CHANGE: Constant improvement of Quality for high reliability products

EXPECTED INFLUENCE ON PERFORMANCE/QUALITY/RELIABILITY: There will be no effect on performance, quality or reliability.

PRODUCT CATEGORY: ICs

PART NUMBERS AFFECTED: See list attached, Appendix3

VISHAY BRAND(s): Vishay-Siliconix

TIME SCHEDULE: Shipment of products will begin August 17, 2017

SAMPLE AVAILABILITY: Please contact your regional Vishay Sales office for sample availability.

QUALIFICATION DATA: Additional data available upon request.

This PCN is for notification purposes only. Your response is not required. If you have any questions, please contact your local Vishay Sales Office.

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For further information, please contact your regional Vishay office.

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Procedure #



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DG201BDQ-E3	DG308ADY-T1-E3	DG411DY-E3	DG442BDY-E3
DG201BDQ-T1-E3	DG308BDQ-E3	DG411DY-T1-E3	DG442BDY-T1-E3
DG201BDY-E3	DG308BDQ-T1-E3	DG411HSDY-E3	DG442DY-E3
DG201BDY-T1-E3	DG308BDY-E3	DG411HSDY-T1-E3	DG442DY-T1-E3
DG201BEY-E3	DG308BDY-T1-E3	DG412DQ-E3	DG444BDY-E3
DG201BEY-T1-E3	DG309BDQ-E3	DG412DQ-T1-E3	DG444BDY-T1-E3
DG201HSDQ-E3	DG309BDQ-T1-E3	DG412DY-E3	DG444DY-E3
DG201HSDQ-T1-E3	DG309BDY-E3	DG412DY-T1-E3	DG444DY-T1-E3
DG201HSDY-E3	DG309BDY-T1-E3	DG412HSDY-E3	DG445BDY-E3
DG201HSDY-T1-E3	DG309DY-E3	DG412HSDY-T1-E3	DG445BDY-T1-E3
DG202BDQ-E3	DG309DY-T1-E3	DG413DQ-E3	DG445DY-E3
DG202BDQ-T1-E3	DG401BDY-E3	DG413DQ-T1-E3	DG445DY-T1-E3
DG202BDY-E3	DG401BDY-T1-E3	DG413DY-E3	DG451EQ-T1-E3
DG202BDY-T1-E3	DG401DY-E3	DG413DY-T1-E3	DG451EY-T1-E3
DG211BDQ-E3	DG401DY-T1-E3	DG413HSDY-E3	DG452EQ-T1-E3
DG211BDQ-T1-E3	DG403BDY-E3	DG413HSDY-T1-E3	DG452EY-T1-E3
DG211BDY-E3	DG403BDY-T1-E3	DG413LDQ-T1-E3	DG453EQ-T1-E3
DG211BDY-T1-E3	DG403DY-E3	DG417BDY-E3	DG453EY-T1-E3
DG212BDQ-E3	DG403DY-T1-E3	DG417BDY-T1-E3	DG454EQ-T1-E3
DG212BDQ-T1-E3	DG405BDY-E3	DG417DY-E3	DG454EY-T1-E3
DG212BDY-E3	DG405BDY-T1-E3	DG417DY-T1-E3	DG455EQ-T1-E3
DG212BDY-T1-E3	DG405DY-E3	DG418BDY-E3	DG455EY-T1-E3
DG213DQ-E3	DG405DY-T1-E3	DG418BDY-T1-E3	DG456EQ-T1-E3
DG213DQ-T1-E3	DG408DQ-E3	DG418DY-E3	DG456EY-T1-E3
DG213DY-E3	DG408DQ-T1-E3	DG418DY-T1-E3	DG469EY-T1-E3
DG213DY-T1-E3	DG408DY-E3	DG419BDY-E3	DG470EY-T1-E3
DG221BDY-E3	DG408DY-T1-E3	DG419BDY-T1-E3	DG508BEQ-T1-E3
DG221BDY-T1-E3	DG409DQ-E3	DG419DY-E3	DG508BEY-T1-E3
DG271BDY-E3	DG409DQ-T1-E3	DG419DY-T1-E3	DG509BEQ-T1-E3
DG271BDY-T1-E3	DG409DY-E3	DG441BDY-E3	DG509BEY-T1-E3
DG303BDY-E3	DG409DY-T1-E3	DG441BDY-T1-E3	
DG303BDY-T1-E3	DG411DQ-E3	DG441DY-E3	
DG308ADY-E3	DG411DQ-T1-E3	DG441DY-T1-E3	

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