



PRODUCT CHANGE NOTICE

PCN-2457 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
27 th May, 2020	27 th August, 2020	Discrete - Automotive	Additional Assembly & Test Site / Bond Wire Material / Mold Compound / Part Top Marking	2457
TITLE				
Qualification of Internal "Diodes Technology (Cheng Du) Company Limited" (CAT) as an Additional Assembly & Test Site, and Change to Palladium Coated Copper Bond Wire, and New Mold Compound on Select Automotive Products				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified additional Diodes Internal Assembly and Test site (CAT) in Chengdu, China, and qualified Palladium Coated Copper (PdCu) bond wire, and new mold compound for select Discrete automotive products listed in this PCN.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification / reliability report (embedded in this file).</p>				
IMPACT				
Continuity of Supply. No change in data sheet electrical parameters and product performance. Some packages will have top marking changes as outlined in the tables below.				
PRODUCTS AFFECTED				
<p>Please see the attached part list below in following Tables:</p> <p>Table 1 - Affected Part List to add CAT as the additional A/T Site and change to PdCu wire with new mold compound.</p> <p>Table 2 - Affected Part List to change to new mold compound at the existing A/T site.</p> <p>Table 3 - Mark Code Format –SOT-223</p> <p>Table 4 - Mark Code Format –SOT-323</p> <p>Table 5 - Mark Code Format –SOT-523</p> <p>Table 6 - Mark Code Format –SSOT-23</p> <p>Table 7 - Mark Code Format –TSOT23-6</p> <p>Table 8 - Mark Code Format –SOT-363</p>				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	http://www.diodes.com/contacts			
Data Sheet:	http://www.diodes.com/products			
DISCLAIMER				
Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.				

Table 1 - Affected Part List to add CAT as the additional A/T Site and change to PdCu wire and new mold compound

2N7002AQ-13	ADTA144EUAQ-13	BAT54STQ-7-F	DMN65D8LDWQ-7	DMP2035UVTQ-7	FZT489QTA
2N7002AQ-7	ADTA144EUAQ-7	DMN65D8LDWQ-13	DMP2035UVTQ-13	DMP2225LQ-7	

Table 2 – Affected Part List to change to new mold compound at the existing A/T Site

ASMCC0197Q-7					
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Table 3 - Mark Code Format –SOT-223

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add “-”on Y for CAT site
Marking format example	Marking format example

Table 4 - Mark Code Format –SOT-323

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add “-”on Y for CAT site
Marking format example	Marking format example

Table 5 - Mark Code Format –SOT-523

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add “-”on Y for CAT site
Marking format example	Marking format example

Table 6 - Mark Code Format –SSOT-23

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add “-”on Y for CAT site
Marking format example	Marking format example

Table 7 - Mark Code Format –TSOT23-6

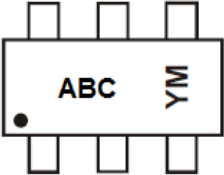
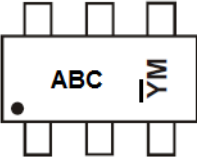
SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add “-”on Y for CAT site
Marking format example	Marking format example
	

Table 8 - Mark Code Format – SOT-363

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add “-”on Y for CAT site
Marking format example	Marking format example
