



DATE: 2nd September, 2016

PCN #: 2224

PCN Title: Wafer Diameter Change from 5 inch to 6 inch at Diodes FabTech (KFAB) on selected Automotive "Q" parts

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



PRODUCT CHANGE NOTICE

PCN-2224 REV 00

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
2 nd September, 2016	1 st December, 2016	Discrete Products	Wafer FAB Material	2224
TITLE				
Wafer Diameter Change from 5 inch to 6 inch at Diodes FabTech (KFAB) on selected Automotive "Q" parts				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that our internal wafer fabrication source (Diodes FabTech) will discontinue manufacturing 5 inch wafers on September 30th, 2016. To satisfy continuing customer demand, the wafer fabrication source (Diodes FabTech) will convert the wafer diameter from 5 inch to 6 inch.</p> <p>Full electrical characterization and reliability testing have been completed using representative devices built with 6 inch wafer materials to ensure there is no change in product reliability, device functionality or data sheet electrical specifications exist.</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p>				
IMPACT				
No change in datasheet parameters				
PRODUCTS AFFECTED				
See Table 1 below for affected part numbers				
WEB LINKS				
Manufacturer's Notice:	http://www.diodes.com/quality/pcns			
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

1N4148WTQ-7	BAT54AQ-7-F	BZT52C11SQ-7-F	BZT52C3V9Q-7-F	BZX84C13Q-7-F	BZX84C47Q-7-F
ASMCC0197Q-7	BAT54AWQ-7-F	BZT52C12Q-7-F	BZT52C3V9SQ-7-F	BZX84C15Q-13-F	BZX84C4V3Q-13-F
ASMCC0217Q-7	BAT54CQ-13	BZT52C12SQ-7-F	BZT52C3V9TQ-7-F	BZX84C15Q-7-F	BZX84C4V3Q-7-F
AZ23C27Q-7-F	BAT54CQ-7-F	BZT52C13Q-7-F	BZT52C43Q-7-F	BZX84C16Q-13-F	BZX84C4V7Q-13-F
AZ23C5V6Q-7-F	BAT54CWQ-7-F	BZT52C13SQ-7-F	BZT52C47Q-7-F	BZX84C16Q-7-F	BZX84C4V7Q-7-F
B0520LWQ-7-F	BAT54Q-13	BZT52C15Q-7-F	BZT52C4V3Q-7-F	BZX84C18Q-13-F	BZX84C51Q-13-F
B0530WSQ-13-F	BAT54Q-7-F	BZT52C15SQ-7-F	BZT52C4V3SQ-7-F	BZX84C18Q-7-F	BZX84C51Q-7-F
B0530WSQ-7-F	BAT54SDWQ-7-F	BZT52C16Q-7-F	BZT52C4V3TQ-7-F	BZX84C20Q-13-F	BZX84C5V1Q-13-F
B0540WQ-7-F	BAT54SQ-13	BZT52C16SQ-7-F	BZT52C4V7Q-7-F	BZX84C20Q-7-F	BZX84C5V1Q-7-F
B140HWQ-7	BAT54SQ-7-F	BZT52C18Q-7-F	BZT52C4V7SQ-7-F	BZX84C22Q-13-F	BZX84C5V6Q-13-F
B140Q-13-F	BAT54SWQ-7-F	BZT52C18SQ-7-F	BZT52C51Q-7-F	BZX84C22Q-7-F	BZX84C5V6Q-7-F
BAS20DWQ-13	BAT54WQ-13-F	BZT52C20Q-7-F	BZT52C5V1Q-7-F	BZX84C24Q-13-F	BZX84C6V2Q-13-F
BAS20DWQ-7	BAT54WQ-7-F	BZT52C20SQ-7-F	BZT52C5V1SQ-7-F	BZX84C24Q-7-F	BZX84C6V2Q-7-F
BAS20Q-13-F	BAT54WSQ-7-F	BZT52C22Q-7-F	BZT52C5V1TQ-7-F	BZX84C27Q-13-F	BZX84C6V8Q-13-F
BAS20Q-7-F	BAV20WQ-7-F	BZT52C22SQ-7-F	BZT52C5V6Q-13-F	BZX84C27Q-7-F	BZX84C6V8Q-7-F
BAS21DWAQ-7	BAV21WQ-7-F	BZT52C24Q-7-F	BZT52C5V6Q-7-F	BZX84C2V4Q-13-F	BZX84C7V5Q-13-F
BAS21Q-13-F	BAV21WSQ-7-F	BZT52C24SQ-7-F	BZT52C5V6SQ-13-F	BZX84C2V4Q-7-F	BZX84C7V5Q-7-F
BAS21Q-7-F	BAV23AQ-13-F	BZT52C27Q-7-F	BZT52C5V6SQ-7-F	BZX84C2V7Q-13-F	BZX84C8V2Q-13-F
BAS21TMQ-13	BAV23AQ-7-F	BZT52C27SQ-7-F	BZT52C6V2Q-7-F	BZX84C2V7Q-7-F	BZX84C8V2Q-7-F
BAS21WQ-7-F	BAV23CQ-13-F	BZT52C2V0Q-7-F	BZT52C6V2SQ-7-F	BZX84C30Q-13-F	BZX84C9V1Q-13-F
BAS40-04Q-13-F	BAV23CQ-7-F	BZT52C2V4Q-7-F	BZT52C6V2TQ-13-F	BZX84C30Q-7-F	BZX84C9V1Q-7-F
BAS40-04Q-7-F	BAV23SQ-13-F	BZT52C2V7Q-7-F	BZT52C6V2TQ-7-F	BZX84C33Q-13-F	DDZ10BQ-7
BAS40-05Q-13-F	BAV23SQ-7-F	BZT52C2V7SQ-7-F	BZT52C6V8Q-7-F	BZX84C33Q-7-F	DDZ10CQ-7
BAS40-05Q-7-F	BAV3004WQ-7-F	BZT52C30Q-7-F	BZT52C6V8SQ-7-F	BZX84C36Q-13-F	DDZ11BQ-7
BAS40-06Q-13-F	BC846AQ-7-F	BZT52C30SQ-7-F	BZT52C7V5Q-7-F	BZX84C36Q-7-F	DDZ11CQ-7
BAS40-06Q-7-F	BC846BQ-13-F	BZT52C33Q-7-F	BZT52C7V5SQ-7-F	BZX84C39Q-13-F	DDZ12BQ-7
BAS40Q-13-F	BC846BQ-7-F	BZT52C33SQ-7-F	BZT52C8V2Q-7-F	BZX84C39Q-7-F	DDZ12CQ-7
BAS40Q-7-F	BC846BWQ-7-F	BZT52C36Q-7-F	BZT52C8V2SQ-7-F	BZX84C3V0Q-13-F	DDZ13BQ-7
BAS40TWQ-7-F	BC847AQ-7-F	BZT52C36SQ-7-F	BZT52C9V1Q-7-F	BZX84C3V0Q-7-F	DDZ14BQ-7
BAS70-04Q-13-F	BC847BQ-7-F	BZT52C39Q-7-F	BZT52C9V1SQ-7-F	BZX84C3V3Q-13-F	DDZ14Q-7
BAS70-04Q-7-F	BC847BSQ-7-F	BZT52C39SQ-7-F	BZT585B5V1TQ-7	BZX84C3V3Q-7-F	DDZ15Q-7
BAS70DW-05Q-7-F	BC847BWQ-13-F	BZT52C3V0Q-7-F	BZX84C10Q-13-F	BZX84C3V6Q-13-F	DDZ16BQ-7
BAS70W-04Q-7-F	BC847CQ-7-F	BZT52C3V0SQ-7-F	BZX84C10Q-7-F	BZX84C3V6Q-7-F	DDZ16Q-7
BAS70W-05Q-7-F	BC847CWQ-7-F	BZT52C3V3Q-7-F	BZX84C11Q-13-F	BZX84C3V9Q-13-F	DDZ17Q-7
BAS70W-06Q-7-F	BC848CQ-7-F	BZT52C3V3SQ-7-F	BZX84C11Q-7-F	BZX84C3V9Q-7-F	DDZ18CQ-7
BAS70WQ-7-F	BZT52C10Q-7-F	BZT52C3V6Q-7-F	BZX84C12Q-13-F	BZX84C43Q-13-F	DDZ19Q-7
BAT1000Q-7-F	BZT52C10SQ-7-F	BZT52C3V6SQ-7-F	BZX84C12Q-7-F	BZX84C43Q-7-F	DDZ20CQ-7
BAT54AQ-13	BZT52C11Q-7-F	BZT52C3V6TQ-7-F	BZX84C13Q-13-F	BZX84C47Q-13-F	DDZ21Q-7



Table 1 - Affected Part List Cont.

DDZ22DQ-7	DDZ9688Q-13	DDZ9711Q-7	DDZX9V1CQ-7	MMBD3004CQ-7-F	MMBZ5254BQ-7-F
DDZ23Q-7	DDZ9688Q-7	DDZ9712Q-13	DFLS1100Q-7	MMBD3004SQ-7-F	MMBZ5255BQ-7-F
DDZ24CQ-7	DDZ9689Q-7	DDZ9712Q-7	DFLS1200Q-7	MMBT4401Q-13-F	MMBZ5256BQ-7-F
DDZ26Q-7	DDZ9690Q-7	DDZ9713Q-13	DFLS120LQ-7	MMBTA05Q-13-F	MMBZ5257BQ-7-F
DDZ27DQ-7	DDZ9691Q-13	DDZ9713Q-7	DFLS130LQ-7	MMBTA06Q-7-F	MMSZ5221BQ-13-F
DDZ28Q-7	DDZ9691Q-7	DDZ9714Q-13	DFLS140LQ-7	MMBZ15VALQ-7-F	MMSZ5221BQ-7-F
DDZ30DQ-7	DDZ9692Q-13	DDZ9714Q-7	DFLS140Q-7	MMBZ18VALQ-7-F	MMSZ5223BQ-13-F
DDZ31Q-7	DDZ9692Q-7	DDZ9715Q-13	DFLS160Q-7	MMBZ27VCLQ-7-F	MMSZ5223BQ-7-F
DDZ33Q-7	DDZ9693Q-13	DDZ9715Q-7	DFLS2100Q-7	MMBZ33VALQ-7-F	MMSZ5225BQ-13-F
DDZ34Q-7	DDZ9693Q-7	DDZ9716Q-13	DFLS230LQ-7	MMBZ5221BQ-7-F	MMSZ5225BQ-7-F
DDZ36Q-7	DDZ9694Q-13	DDZ9716Q-7	DFLS230Q-7	MMBZ5222BQ-7-F	MMSZ5226BQ-13-F
DDZ39FQ-7	DDZ9694Q-7	DDZ9717Q-13	DFLS240LQ-7	MMBZ5223BQ-7-F	MMSZ5226BQ-7-F
DDZ43Q-7	DDZ9696Q-13	DDZ9717Q-7	DFLS260Q-7	MMBZ5225BQ-7-F	MMSZ5227BQ-13-F
DDZ5V1BQ-7	DDZ9696Q-7	DDZ9V1BQ-7	DFLZ10Q-7	MMBZ5226BQ-7-F	MMSZ5227BQ-7-F
DDZ5V6BQ-7	DDZ9697Q-13	DDZ9V1CQ-7	DFLZ11Q-7	MMBZ5227BQ-7-F	MMSZ5228BQ-13-F
DDZ6V2BQ-7	DDZ9697Q-7	DDZX10CQ-7	DFLZ12Q-7	MMBZ5228BQ-7-F	MMSZ5228BQ-7-F
DDZ6V8BQ-7	DDZ9698Q-13	DDZX11CQ-7	DFLZ13Q-7	MMBZ5229BQ-7-F	MMSZ5229BQ-13-F
DDZ6V8CQ-7	DDZ9698Q-7	DDZX12CQ-7	DFLZ15Q-7	MMBZ5230BQ-7-F	MMSZ5229BQ-7-F
DDZ7V5BQ-7	DDZ9699Q-13	DDZX13BQ-7	DFLZ16Q-7	MMBZ5231BQ-7-F	MMSZ5230BQ-13-F
DDZ7V5CQ-7	DDZ9699Q-7	DDZX14Q-7	DFLZ18Q-7	MMBZ5232BQ-7-F	MMSZ5230BQ-7-F
DDZ8V2BQ-7	DDZ9700Q-13	DDZX15Q-7	DFLZ20Q-7	MMBZ5233BQ-7-F	MMSZ5231BQ-13-F
DDZ8V2CQ-7	DDZ9700Q-7	DDZX16Q-7	DFLZ22Q-7	MMBZ5234BQ-7-F	MMSZ5231BQ-7-F
DDZ9678-7-83	DDZ9701Q-7	DDZX18CQ-7	DFLZ24Q-7	MMBZ5235BQ-7-F	MMSZ5232BQ-13-F
DDZ9678Q-13	DDZ9702Q-13	DDZX20CQ-7	DFLZ27Q-7	MMBZ5236BQ-7-F	MMSZ5232BQ-7-F
DDZ9678Q-7	DDZ9702Q-7	DDZX22DQ-7	DFLZ30Q-7	MMBZ5237BQ-7-F	MMSZ5233BQ-13-F
DDZ9681Q-13	DDZ9703Q-13	DDZX24CQ-7	DFLZ33Q-7	MMBZ5238BQ-7-F	MMSZ5233BQ-7-F
DDZ9681Q-7	DDZ9703Q-7	DDZX27DQ-7	DFLZ36Q-7	MMBZ5239BQ-7-F	MMSZ5234BQ-13-F
DDZ9682Q-13	DDZ9704Q-13	DDZX30DQ-7	DFLZ39Q-7	MMBZ5240BQ-7-F	MMSZ5234BQ-7-F
DDZ9682Q-7	DDZ9704Q-7	DDZX33Q-7	DFLZ5V1Q-7	MMBZ5241BQ-7-F	MMSZ5235BQ-13-F
DDZ9683Q-13	DDZ9705Q-13	DDZX36Q-7	DFLZ5V6Q-7	MMBZ5242BQ-7-F	MMSZ5235BQ-7-F
DDZ9683Q-7	DDZ9705Q-7	DDZX39FQ-7	DFLZ6V2Q-7	MMBZ5243BQ-7-F	MMSZ5236BQ-13-F
DDZ9684Q-7	DDZ9707Q-13	DDZX43Q-7	DFLZ6V8Q-7	MMBZ5244BQ-7-F	MMSZ5236BQ-7-F
DDZ9685Q-13	DDZ9707Q-7	DDZX5V1BQ-7	DFLZ7V5Q-7	MMBZ5245BQ-7-F	MMSZ5237BQ-13-F
DDZ9685Q-7	DDZ9708Q-13	DDZX5V6BQ-7	DFLZ8V2Q-7	MMBZ5246BQ-7-F	MMSZ5237BQ-7-F
DDZ9686Q-13	DDZ9708Q-7	DDZX6V2BQ-7	DFLZ9V1Q-7	MMBZ5248BQ-7-F	MMSZ5238BQ-13-F
DDZ9686Q-7	DDZ9709Q-13	DDZX6V8CQ-7	DZ23C15Q-7-F	MMBZ5250BQ-7-F	MMSZ5238BQ-7-F
DDZ9687Q-13	DDZ9709Q-7	DDZX7V5CQ-7	MMBD2004SQ-7-F	MMBZ5251BQ-7-F	MMSZ5239BQ-13-F
DDZ9687Q-7	DDZ9711Q-13	DDZX8V2CQ-7	MMBD2004SWQ-7-F	MMBZ5252BQ-7-F	MMSZ5239BQ-7-F



Table 1 - Affected Part List Cont.

MMSZ5240BQ-13-F	MMSZ5246BQ-13-F	MMSZ5254BQ-13-F	MMSZ5259BQ-13-F	PDS1040Q-13	PDS560Q-13
MMSZ5240BQ-7-F	MMSZ5246BQ-7-F	MMSZ5254BQ-7-F	MMSZ5259BQ-7-F	PDS3100Q-13	PDS760Q-13
MMSZ5241BQ-13-F	MMSZ5248BQ-13-F	MMSZ5255BQ-13-F	PD3S120LQ-7	PDS3100Q-7	SD103BWSQ-7-F
MMSZ5241BQ-7-F	MMSZ5248BQ-7-F	MMSZ5255BQ-7-F	PD3S130HQ-7	PDS3200Q-13	ZHCS1000QTA
MMSZ5242BQ-13-F	MMSZ5250BQ-13-F	MMSZ5256BQ-13-F	PD3S130LQ-7	PDS340Q-13	ZHCS400QTA
MMSZ5242BQ-7-F	MMSZ5250BQ-7-F	MMSZ5256BQ-7-F	PD3S140Q-7	PDS360Q-13	ZHCS500QTA
MMSZ5243BQ-13-F	MMSZ5251BQ-13-F	MMSZ5257BQ-13-F	PD3S160Q-7	PDS4150Q-13	ZHCS750QTA
MMSZ5243BQ-7-F	MMSZ5251BQ-7-F	MMSZ5257BQ-7-F	PD3S220LQ-7	PDS5100HQ-13	ZLLS400QTA
MMSZ5245BQ-13-F	MMSZ5252BQ-13-F	MMSZ5258BQ-13-F	PD3S230HQ-7	PDS5100HQ-13D	ZLLS400QTC
MMSZ5245BQ-7-F	MMSZ5252BQ-7-F	MMSZ5258BQ-7-F	PD3S230LQ-7	PDS5100Q-13D	ZLLS500QTA