

**ADVANCE NOTICE - PRODUCT CHANGE NOTICE****PCN-2461 REV 1**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
May 5, 2020	Expected: December 31, 2020	Discrete	Wafer Site Transfer, Additional Wafer Source, Additional AT Site	2461
TITLE				
Phenitec Wafer Manufacturing Site Change, Additional Wafer Sources, Wafer Diameter Change, Additional Assembly and Test Site				
DESCRIPTION OF CHANGE				
<p>This advance PCN is being issued to notify customers that Diodes' foundry Phenitec Semiconductor Corporation will transfer wafer manufacturing from Headquarters 'HQ Fab' to '1<sup>st</sup> Fab' and convert manufacturing for select wafer types currently manufactured at '1<sup>st</sup> Fab' from 5" to 6" wafer diameter. Both factories are located in Okayama, Japan. Phenitec's '1<sup>st</sup> Fab' has been a qualified wafer supplier of Diodes for a number of years.</p> <p>In conjunction with the Phenitec fab site transfer and change in wafer diameter, several additional changes will be implemented on select part numbers to ensure continuity of supply, standardize manufacturing processes, and enhance manufacturability. This includes the addition of wafer sources and an assembly &amp; test site, and alignment of wafer fab and assembly bill of materials (BOM), i.e. wafer process metal system, mold compound, bond wire material. Details are outlined below.</p> <p>Full electrical characterization and high reliability testing is ongoing on representative products to ensure there is no change to device functionality or electrical specifications in the datasheet.</p> <p>Phenitec 1<sup>st</sup> Fab samples and full qualification will not be immediately available. To minimize impact, Diodes will be building buffer inventory before the site change. Please contact your local Diodes Sales representative for samples availability.</p> <p>Please note that dates mentioned above are best estimates derived from close coordination activities with our foundry. Specific implementation dates may change depending on completion of various qualifications over the next few months. The final PCN is expected to be issued by September 30<sup>th</sup>, 2020 once qualification has been completed.</p> <p>List of changes:</p> <ol style="list-style-type: none"><li>1) Manufacturing site transfer from Phenitec's 'HQ Fab' to '1<sup>st</sup> Fab'</li><li>2) Change from 5" to 6" wafer diameter at Phenitec '1<sup>st</sup> Fab'</li><li>3) Add Phenitec '1<sup>st</sup> Fab' as additional wafer source</li><li>4) Add Diodes internal SFAB1 (Shanghai SIM-BCD Semiconductor Manufacturing Company, Ltd.), located in Shanghai, China as additional wafer source, or add an additional die type in SFAB1 **</li><li>5) Add Diodes internal OFAB (Diodes Zetex Semiconductors Limited) in Oldham, UK as additional wafer source</li><li>6) Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source</li><li>7) Change in die size *</li><li>8) Add Diodes internal CAT (Chengdu Assembly &amp; Test) as additional A/T site using PdCu or bare Cu bond wire</li></ol> <p>Affected parts lists and corresponding changes are shown in the tables below.</p>				



<b>IMPACT</b>	
Continuity of Supply. There will be no change to the Form, Fit or Function of products affected, unless specifically indicated.	
No change in datasheet parameters and product performance.	
<b>PRODUCTS AFFECTED</b>	
<ul style="list-style-type: none"> <li>• Table 1: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab'</li> <li>• Table 2: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab' and Add Diodes internal CAT as additional A/T site</li> <li>• Table 3: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab' and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source</li> <li>• Table 4: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab', Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source, and Add Diodes internal CAT as additional A/T site</li> <li>• Table 5: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab', Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source, and Add Diodes internal OFAB as additional wafer source</li> <li>• Table 6: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab' and Add Diodes internal SFAB1 as additional wafer source</li> <li>• Table 7: Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab', Add Diodes internal SFAB1 as additional wafer source, and Add Diodes internal CAT as additional A/T site</li> <li>• Table 8: Change from 5" to 6" wafer diameter at Phenitec '1st Fab'</li> <li>• Table 9: Change from 5" to 6" wafer diameter at Phenitec '1st Fab', Add Diodes internal OFAB as additional wafer source, and Add Diodes internal CAT as additional A/T site</li> <li>• Table 10: Change from 5" to 6" wafer diameter at Phenitec '1st Fab', Add Diodes internal OFAB as additional wafer source, and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source</li> <li>• Table 11: Add Phenitec '1st Fab' as additional wafer source</li> <li>• Table 12: Add Phenitec '1st Fab' as additional wafer source and Add Diodes internal CAT as additional A/T site</li> <li>• Table 13: Add Phenitec '1st Fab' as additional wafer source and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source</li> </ul>	
<b>WEB LINKS</b>	
<b>Manufacturer's Notice:</b>	<a href="https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/">https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/</a>
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contacts.html">http://www.diodes.com/contacts.html</a>
<b>Data Sheet:</b>	<a href="http://www.diodes.com/catalog">http://www.diodes.com/catalog</a>

**Table 1 - Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab'**

1N4148W-7-F-79	BAS70DW-06-7-F	BAT54STA	BZT52C3V0-7-F	BZX84C16-7-F	BZX84C6V8-7-F
1N4148WS-7-F-79	BAS70JW-7-F	BAT54SW-7-G	BZT52C3V0S-7-F	BZX84C16-7-F-31	BZX84C6V8-7-F-31
1N4148WSF-7	BAS70LP-7B	BAT54T-7-F	BZT52C3V3-13-F	BZX84C18-7-F	BZX84C7V5-7-F
1N4448WSF-7	BAS70LP-7B-79	BAT54TA	BZT52C3V3-7-F	BZX84C18-7-F-31	BZX84C8V2-13-F
1SS361UDJ-7	BAS70T-7-F	BAT54TW-7-F	BZT52C3V3S-7-F	BZX84C20-13-F	BZX84C8V2-7-F
AL5802-13	BAS70T-7-G	BAT54V-7	BZT52C3V6-7-F	BZX84C20-7-F	BZX84C8V2-7-F-31
AL5802-7	BAS70TW-13-F	BAT54WS-7-F	BZT52C3V6S-7-F	BZX84C22-7-F	BZX84C9V1-7-F
B0520LW-7-F	BAS70TW-7-F	BAT54WS-7-F-79	BZT52C3V9-7-F	BZX84C24-7-F	BZX84C9V1-7-F-31
BAS116UDJ-7	BAS70W-7-G	BAT54WS-7-G	BZT52C3V9S-7-F	BZX84C24-7-F-31	CTA2N1P-7-F
BAS16-7-F-79	BAT40V-7	BAT54WT-7	BZT52C43-7-F	BZX84C27-7-F	DDZ10C-7
BAS40-04-7-F	BAT42W-7-F-79	BAV116HWF-7	BZT52C47-7-F	BZX84C2V4-7-F	DDZ13B-7
BAS40-04T-7-F	BAT54-7-F-79	BAV116S92-7	BZT52C4V3-7-F	BZX84C2V7-13-F	DDZ15-7
BAS40-05-7-F	BAT54-7-G	BAV16S92-7	BZT52C4V7-7-F	BZX84C2V7-7-F	DDZ17-7
BAS40-05T-7-F	BAT54A-7-F-79	BAV21HWF-7	BZT52C4V7S-7-F	BZX84C30-7-F	DDZ18C-7
BAS40-06-7-F	BAT54A-7-G	BAV70-7-F-79	BZT52C51-7-F	BZX84C33-13-F	DDZ21-7
BAS40-06T-7-F	BAT54ADW-7-F	BAV99-7-F-79	BZT52C5V1-7-F	BZX84C33-7-F	DDZ31-7
BAS40-7-F	BAT54AT-7-F	BAV99T-7-F-79	BZT52C5V1S-7-F	BZX84C36-7-F	DDZ33-7
BAS40-7-G	BAT54AT-7-G	BAV99W-7-F-79	BZT52C5V6-7-F	BZX84C39-7-F	DDZ36ASF-7
BAS40BRW-7-F	BAT54ATA	BZT52B10LP-7	BZT52C5V6S-7-F	BZX84C3V0-7-F	DDZ43-7
BAS40DW-04-7-F	BAT54AW-7-F-79	BZT52C10-7-F	BZT52C6V2-7-F	BZX84C3V3-7-F	DDZ5V1BS-7
BAS40DW-05-7-F	BAT54BRW-7-F	BZT52C11-7-F	BZT52C6V2S-7-F	BZX84C3V3-7-F-31	DDZ5V6B-7
BAS40DW-06-7-F	BAT54C-7-F-31	BZT52C12-13-F	BZT52C6V8-7-F	BZX84C3V6-7-F	DDZ7V5C-7
BAS40LP-7	BAT54C-7-F-79	BZT52C12-7-F	BZT52C6V8S-7-F	BZX84C3V9-7-F	DDZ8V2B-7
BAS40LP-7B	BAT54C-7-G	BZT52C12S-7-F	BZT52C7V5-7-F	BZX84C43-7-F	DDZ9678-7
BAS40T-7-F	BAT54CDW-13-F	BZT52C13-7-F	BZT52C8V2-7-F	BZX84C47-7-F	DDZ9681-7
BAS40TW-7-F	BAT54CDW-7-F	BZT52C15-7-F	BZT52C8V2S-7-F	BZX84C4V3-7-F	DDZ9682-7
BAS40V-7	BAT54CT-7-F	BZT52C15S-7-F	BZT52C9V1-7-F	BZX84C4V7-13-F	DDZ9684-7
BAS70-04-7-F	BAT54CTA	BZT52C16-7-F	BZX84C10-13-F	BZX84C4V7-7-F	DDZ9685-7
BAS70-04T-7-F	BAT54CW-7-G	BZT52C18-7-F	BZX84C10-7-F	BZX84C4V7-7-F-31	DDZ9686-7
BAS70-05-7-F	BAT54JW-7-F	BZT52C18S-7-F	BZX84C10-7-F-31	BZX84C51-7-F	DDZ9687-7
BAS70-05T-7-F	BAT54LP-7	BZT52C20-7-F	BZX84C11-7-F	BZX84C5V1-13-F	DDZ9690-7
BAS70-06-7-F	BAT54LP-7B	BZT52C22-7-F	BZX84C12-13-F	BZX84C5V1-7-F	DDZ9693-7
BAS70-06T-7-F	BAT54LPS-7	BZT52C24-7-F	BZX84C12-7-F	BZX84C5V6-7-F	DDZ9694-7
BAS70-7-F	BAT54S-7-F-31	BZT52C27-7-F	BZX84C12-7-F-31	BZX84C5V6-7-F-31	DDZ9697-7
BAS70BRW-7-F	BAT54S-7-F-79	BZT52C2V4-7-F	BZX84C13-7-F	BZX84C6V2-13-F	DDZ9699-7
BAS70DW-04-13-F	BAT54S-7-G	BZT52C30-7-F	BZX84C13-7-F-31	BZX84C6V2-7-F	DDZ9702-7
BAS70DW-04-7-F	BAT54SDW-7-F	BZT52C39-13-F	BZX84C15-7-F	BZX84C6V2-7-F-31	DDZ9716-7
BAS70DW-05-7-F	BAT54ST-7-F	BZT52C39-7-F	BZX84C15-7-F-31	BZX84C6V8-13-F	DDZ9717-7

**Table 1 cont. – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’**

DDZX10C-13	DDZX43-7	DZT658-13	MMBZ5228B-7-F	MMBZ5257B-7-F	SDM03MT40-7-F
DDZX10C-7	DDZX5V1B-7	DZTA42-13	MMBZ5229B-7-F	MMBZ5258B-7-F	SDM03MT40A-7-F
DDZX11C-7	DDZX5V6B-13	DZTA92-13	MMBZ5230B-7-F	MMBZ5259B-7-F	SDM03U40-7
DDZX13B-13	DDZX5V6B-7	IMX8-7-F	MMBZ5231B-7-F	MMDT2227M-13	SDM10K45-7-F
DDZX13B-7	DDZX6V2B-13	MMBD4148-7-F-79	MMBZ5232B-7-F	MMDT2227M-7	SDM10M45SD-7-F
DDZX14-13	DDZX6V2B-7	MMBD4448HCDW-7-F	MMBZ5233B-7-F	MMDT3946LP4-7	SDM10U45-7
DDZX14-7	DDZX6V8C-13	MMBD4448HTA-7-F-79	MMBZ5234B-7-F	MMDT4403-7-F	SDM10U45LP-7
DDZX15-13	DDZX6V8C-7	MMBT4403-13-F	MMBZ5235B-7-F	MMDT4413-7-F	SDM20U30-7
DDZX15-7	DDZX7V5C-13	MMBT4403-7-F	MMBZ5236B-7-F	MMDTA06-7	SDM20U30LP-7
DDZX16-13	DDZX8V2C-13	MMBT4403-7-G	MMBZ5237B-7-F	MMDTA42-7-F	SDM20U40-13
DDZX16-7	DDZX9V1C-13	MMBT4403T-7-F	MMBZ5238B-7-F	MMST4403-7-F	SDM20U40-7
DDZX18C-13	DDZX9V1C-7	MMBTA05-7-F	MMBZ5239B-7-F	MMSTA05-7-F	SDM40E20LC-7
DDZX18C-7	DLPA004-7	MMBTA06-7-F	MMBZ5240B-7-F	MMSTA06-7-F	SDM40E20LS-7-F
DDZX20C-13	DMB2227A-7	MMBTA06-7-F-79	MMBZ5241B-7-F	MMSTA42-7-F	SDMG0340L-7-F
DDZX20C-7	DMMT2907A-7	MMBTA28-13-F	MMBZ5242B-7-F	MMSTA92-7-F	SDMG0340LA-7-F
DDZX22D-13	DMMT3906-7-F	MMBTA28-7-F	MMBZ5243B-7-F	NMSD200B01-7	SDMG0340LC-7-F
DDZX22D-7	DN350T05-7	MMBTA42-13-F	MMBZ5244B-7-F	PD3S0230-7	SDMG0340LS-7-F
DDZX24C-13	DN350T05-7-79	MMBTA42-7-F	MMBZ5244B-7-F-31	PD3SD2580-7	SDMK0340L-7-F
DDZX24C-7	DP350T05-7	MMBTA92-13-F	MMBZ5245B-7-F	PD3Z284C8V2-7	SDMP0340LAT-7-F
DDZX27D-13	DXT2222A-13	MMBTA92-7-F	MMBZ5246B-7-F	QSBT40-13-F	SDMP0340LCT-7-F
DDZX27D-7	DXT2222ATC	MMBTA92-7-F-79	MMBZ5248B-7-F	QSBT40-7-F	SDMP0340LST-7-F
DDZX30D-13	DXT2907A-13	MMBZ5221B-7-F	MMBZ5250B-7-F	SD103ASDM-7-F	SDMP0340LT-7-F
DDZX30D-7	DXT3904-13	MMBZ5222B-7-F	MMBZ5251B-7-F	SD103ATW-7-F	SDPB1K10NB-7
DDZX33-13	DXT3906-13	MMBZ5223B-7-F	MMBZ5252B-7-F	SD107WS-7-F	UDZ10B-7
DDZX33-7	DXTA42-13	MMBZ5225B-7-F	MMBZ5254B-7-F	SDA004-7-79	UDZ15B-7
DDZX36-13	DXTA92-13	MMBZ5226B-7-F	MMBZ5255B-7-F	SDM02M30LP3-7B	UDZ6V8B-7
DDZX39F-13	DZT2222A-13	MMBZ5227B-7-F	MMBZ5256B-7-F	SDM02U30LP3-7B	UDZ7V5B-7
DDZX39F-7	DZT2907A-13				

**Table 2 - Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab' and Add Diodes internal CAT as additional A/T site**

1N4148W-7-G	BAS21W-13-F	BAV116T-7	BAW567DW-7-F	BZT52C43-13-F	BZT585B43T-7
1N4148WT-13	BAS21W-7-F	BAV116WS-7	BZT52C10-13-F	BZT52C47-13-F	BZT585B4V3T-7
1N4148WT-7	BAS40-05-13-F	BAV170-7-F	BZT52C10S-7-F	BZT52C4V3-13-F	BZT585B4V7T-7
1N4448HLP-7	BAS40-06-13-F	BAV199-7-F	BZT52C11-13-F	BZT52C4V3S-7-F	BZT585B5V1T-7
1N4448HLP-7B	BAS40W-04-7-F	BAV199DW-13-F	BZT52C11S-7-F	BZT52C4V7-13-F	BZT585B5V6T-7
1N4448HWS-13-F	BAS40W-05-7-F	BAV199DW-7-F	BZT52C13-13-F	BZT52C51-13-F	BZT585B6V2T-7
1N4448HWT-13	BAS40W-06-7-F	BAV199W-7	BZT52C13S-7-F	BZT52C51S-7	BZT585B6V8T-7
1N4448HWT-7	BAS40W-13-F	BAV19W-7-F	BZT52C15-13-F	BZT52C5V1-13-F	BZT585B7V5T-7
1SS361LP3-7	BAS40W-7-F	BAV19WS-13-F	BZT52C16-13-F	BZT52C5V6-13-F	BZT585B8V2T-7
1SS361LPH4-7B	BAS521-13	BAV19WS-7-F	BZT52C16S-7-F	BZT52C6V2-13-F	BZT585B9V1T-7
AL5801W6-7	BAS521-7	BAV20W-7-F	BZT52C20-13-F	BZT52C6V8-13-F	BZX84B5V6-7-F
AZ23C10W-7-F	BAS521LP-7	BAV20WS-7-F	BZT52C20S-7-F	BZT52C7V5-13-F	BZX84C10TS-7-F
AZ23C6V8W-7-F	BAS521LP-7B	BAV21W-7-F	BZT52C22-13-F	BZT52C7V5S-7-F	BZX84C11-13-F
BAS116-7-F	BAS70W-04-7-F	BAV21WS-13-F	BZT52C22S-7-F	BZT52C8V2-13-F	BZX84C12TS-7-F
BAS116LP3-7	BAS70W-05-7-F	BAV21WS-7-F	BZT52C24-13-F	BZT52C9V1-13-F	BZX84C15-13-F
BAS116LPH4-7B	BAS70W-06-7-F	BAV23-7	BZT52C24S-7-F	BZT52C9V1S-7-F	BZX84C16-13-F
BAS116V-7	BAS70W-7-F	BAV23A-7-F	BZT52C27-13-F	BZT585B10T-7	BZX84C22-13-F
BAS16HLP-7	BAT42W-7-F	BAV23C-13-F	BZT52C27S-7-F	BZT585B11T-7	BZX84C24-13-F
BAS16HLP-7B	BAT42WS-7-F	BAV23C-7-F	BZT52C2V0S-7-F	BZT585B12T-7	BZX84C27-13-F
BAS16LP-7	BAT43W-7-F	BAV23S-7-F	BZT52C2V4-13-F	BZT585B13T-7	BZX84C30-13-F
BAS16LP-7B	BAT43WS-7-F	BAV3004W-7-F	BZT52C2V4S-7-F	BZT585B15T-7	BZX84C39-13-F
BAS16V-7	BAT54-13-F	BAV3004WS-7	BZT52C2V7-13-F	BZT585B16T-7	BZX84C3V3-13-F
BAS16VA-7	BAT54-7-F	BAV5004LP-7B	BZT52C2V7-7-F	BZT585B18T-7	BZX84C3V6-13-F
BAS16VV-7	BAT54A-13-F	BAV5004W-7	BZT52C2V7S-7-F	BZT585B20T-7	BZX84C3V9-13-F
BAS16W-13-F	BAT54A-7-F	BAV5004WS-7	BZT52C30-13-F	BZT585B22T-7	BZX84C43-13-F
BAS16W-7-F	BAT54AW-13-F	BAV5005LP-7B	BZT52C30S-7-F	BZT585B24T-7	BZX84C47-13-F
BAS19-7-F	BAT54AW-7-F	BAV70DV-7	BZT52C33-13-F	BZT585B27T-7	BZX84C4V3-13-F
BAS19W-7-F	BAT54C-7-F	BAV70LP-7	BZT52C33-7-F	BZT585B2V4T-7	BZX84C51-13-F
BAS20-7-F	BAT54CW-13-F	BAV70W-13-F	BZT52C33S-7-F	BZT585B2V7T-7	BZX84C5V6-13-F
BAS20DW-7	BAT54CW-7-F	BAV99BRLP-7	BZT52C36-13-F	BZT585B30T-7	BZX84C5V6S-7-F
BAS20W-7-F	BAT54DW-7-F	BAV99BRV-7	BZT52C36-7-F	BZT585B33T-7	BZX84C7V5-13-F
BAS21-13-F	BAT54S-7-F	BAV99BRVA-7	BZT52C36S-7-F	BZT585B36T-7	DDZ11C-7
BAS21-7-F	BAT54SW-13-F	BAW101-7	BZT52C36T-7	BZT585B39T-7	DDZ12B-7
BAS21DW-7	BAT54SW-7-F	BAW101S-7	BZT52C39S-7-F	BZT585B3V3T-7	DDZ12C-7
BAS21TM-7	BAT54W-13-F	BAW101V-7	BZT52C3V0-13-F	BZT585B3V6T-7	DDZ12CS-7
BAS21TW-7	BAT54W-7-F	BAW156-7-F	BZT52C3V6-13-F	BZT585B3V9T-7	DDZ14-7

**Table 2 cont. - Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab' and Add Diodes internal CAT as additional A/T site**

DDZ16B-7	DDZ9690S-7	DDZ9708-7	DLLFSD01LP3-7	MMBD4448HSDW-7-F	SD103BW-7-F
DDZ16S-7	DDZ9691S-7	DDZ9708S-7	DLLFSD01LPH4-7B	MMBD4448HTM-7-F	SD103BWS-7-F
DDZ18CS-7	DDZ9692S-7	DDZ9709-7	DLLFSD01T-7	MMBD4448HW-7-F	SD103CW-13-F
DDZ22DS-7	DDZ9693S-7	DDZ9709S-7	DLPA006-7	MMBD4448V-7	SD103CW-7-F
DDZ24CS-7	DDZ9694S-7	DDZ9711-7	DLPT05-7-F	MMBD4448W-7-F	SD103CWS-7-F
DDZ27DS-7	DDZ9696-7	DDZ9711S-7	DLPT05W-7	MMBD5004A-7	SD12-7
DDZ30D-7	DDZ9696S-7	DDZ9712-7	DMF05LCFLP-7	MMBD5004C-7	SDA004-7
DDZ33S-7	DDZ9698S-7	DDZ9712S-7	DVRN6056-7-G	MMBD5004S-7	SDA006-7
DDZ36-7	DDZ9699S-7	DDZ9713-7	MMBD2004S-7-F	MMBD7000HC-7-F	SM05-7
DDZ36S-7	DDZ9700-7	DDZ9713S-7	MMBD2004SW-7-F	MMBD7000HS-7-F	SM12-7
DDZ39F-7	DDZ9700S-7	DDZ9714-7	MMBD3004A-7-F	MMBD914-7-G	T12S5-7
DDZ43S-7	DDZ9701S-7	DDZ9714S-7	MMBD3004BRM-7-F	MMBZ5231B-13-F	T3V3S5-7
DDZ47S-7	DDZ9702S-7	DDZ9715-7	MMBD3004C-7-F	MMBZ5237B-13-F	T5V0S5-7
DDZ5V6BS-7	DDZ9703-7	DDZ9715S-7	MMBD3004S-13-F	QZX363C5V6-7-F	T6V0S5-7
DDZ6V2B-7	DDZ9703S-7	DDZ9716S-7	MMBD3004S-7-F	SD05-7	UDZ3V6B-7
DDZ6V2BS-7	DDZ9704-7	DDZ9717S-7	MMBD4148PLM-7	SD103AW-13-F	UDZ4V3B-7
DDZ6V8CS-7	DDZ9705-7	DDZ9V1C-7	MMBD4148W-7-F	SD103AW-7-F	UDZ4V7B-7
DDZ7V5A-7	DDZ9705S-7	DDZ9V1CS-7	MMBD4448H-7-F	SD103AWS-7-F	UDZ5V6B-13
DDZ8V2C-7	DDZ9707-7	DESD5V2S2UT-7	MMBD4448HAQW-7-F	SD103BW-13-F	UDZ6V2B-7
DDZ9689-13	DDZ9707S-7	DESDA5V3L-7	MMBD4448HCQW-7-F		

**Table 3 – Manufacturing site transfer from Phenitec's 'HQ Fab' to '1st Fab' and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source**

AZ23C10-7-F	BZT52B15LP-7B	BZT52C2V0-7-F	BZT52C4V7LP-7B	BZX84B27-7-F	BZX84C16W-7-F
AZ23C11-7-F	BZT52C10LP-7B	BZT52C2V0-7-F-79	BZT52C4V7T-7	BZX84B2V7-7-F	BZX84C18S-7-F
AZ23C12-7-F	BZT52C10S-7-F-79	BZT52C2V0T-7	BZT52C5V1-7-F-79	BZX84B30-7-F	BZX84C18T-7-F
AZ23C13-7-F	BZT52C10T-7	BZT52C2V4-7-F-79	BZT52C5V1LP-7	BZX84B33-7-F	BZX84C18W-7-F
AZ23C15-7-F	BZT52C11-7-F-79	BZT52C2V4LP-7	BZT52C5V1LP-7B	BZX84B36-7-F	BZX84C20S-7-F
AZ23C16-7-F	BZT52C11T-7	BZT52C2V4LP-7B	BZT52C5V1T-7	BZX84B39-7-F	BZX84C20T-7-F
AZ23C18-7-F	BZT52C12-7-F-79	BZT52C2V4T-7	BZT52C5V6-7-F-79	BZX84B3V0-7-F	BZX84C20W-7-F
AZ23C20-13-F	BZT52C12LP-7	BZT52C2V7LP-7	BZT52C5V6LP-7	BZX84B3V3-7-F	BZX84C22S-7-F
AZ23C20-7-F	BZT52C12LP-7B	BZT52C2V7LP-7B	BZT52C5V6LP-7B	BZX84B3V6-7-F	BZX84C22T-7-F
AZ23C22-7-F	BZT52C12T-7	BZT52C2V7S-7-F-79	BZT52C5V6T-7	BZX84B3V9-7-F	BZX84C22W-7-F
AZ23C24-7-F	BZT52C13-7-F-79	BZT52C2V7T-7	BZT52C6V2-13-F-79	BZX84B43-7-F	BZX84C24S-7-F
AZ23C27-7-F	BZT52C13LP-7	BZT52C36LP-7	BZT52C6V2-7-F-79	BZX84B47-7-F	BZX84C24T-7-F
AZ23C2V7-7-F	BZT52C13LP-7B	BZT52C36LP-7B	BZT52C6V2LP-7	BZX84B4V3-7-F	BZX84C24W-7-F
AZ23C30-7-F	BZT52C13T-7	BZT52C39LP-7B	BZT52C6V2LP-7B	BZX84B4V7-7-F	BZX84C27S-7-F
AZ23C33-7-F	BZT52C15-7-F-79	BZT52C3V0LP-7	BZT52C6V2T-7	BZX84B5V1-7-F	BZX84C27T-7-F
AZ23C36-13-F	BZT52C15LP-7	BZT52C3V0LP-7B	BZT52C6V8-7-F-79	BZX84B6V2-7-F	BZX84C27W-7-F
AZ23C36-7-F	BZT52C15LP-7B	BZT52C3V0T-7	BZT52C6V8LP-7	BZX84B6V8-7-F	BZX84C2V4-13-F
AZ23C39-7-F	BZT52C15T-7	BZT52C3V3-7-F-79	BZT52C6V8T-7	BZX84B7V5-7-F	BZX84C2V4S-7-F
AZ23C3V0-7-F	BZT52C16-7-F-79	BZT52C3V3LP-7	BZT52C7V5-7-F-79	BZX84B8V2-7-F	BZX84C2V4TS-7-F
AZ23C3V3-7-F	BZT52C16LP-7	BZT52C3V3LP-7B	BZT52C7V5LP-7B	BZX84B9V1-7-F	BZX84C2V4W-7-F
AZ23C3V6-7-F	BZT52C16LP-7B	BZT52C3V3S-7-F-79	BZT52C7V5T-7	BZX84C10S-7-F	BZX84C2V7S-7-F
AZ23C3V9-7-F	BZT52C16T-7	BZT52C3V3T-7	BZT52C8V2T-7	BZX84C10W-7-F	BZX84C2V7T-7-F
AZ23C43-7-F	BZT52C18-7-F-79	BZT52C3V6T-7	BZT52C9V1LP-7	BZX84C11S-7-F	BZX84C2V7TS-7-F
AZ23C47-7-F	BZT52C18LP-7	BZT52C3V9-13-F	BZT52C9V1LP-7B	BZX84C11T-7-F	BZX84C2V7W-7-F
AZ23C4V3-7-F	BZT52C18LP-7B	BZT52C3V9-7-F-79	BZT52C9V1T-13	BZX84C11W-7-F	BZX84C30S-7-F
AZ23C4V7-7-F	BZT52C18T-7	BZT52C3V9LP-7	BZT52C9V1T-7	BZX84C12S-7-F	BZX84C30T-7-F
AZ23C51-7-F	BZT52C20-7-F-79	BZT52C3V9LP-7B	BZX84B10-7-F	BZX84C12T-7-F	BZX84C30W-7-F
AZ23C5V1-13-F	BZT52C20T-7	BZT52C3V9T-7	BZX84B11-7-F	BZX84C12W-7-F	BZX84C33S-7-F
AZ23C5V1-7-F	BZT52C22LP-7	BZT52C43-7-F-79	BZX84B12-7-F	BZX84C13S-7-F	BZX84C33T-7-F
AZ23C5V6-7-F	BZT52C22LP-7B	BZT52C4V3-7-F-79	BZX84B13-7-F	BZX84C13T-7-F	BZX84C33W-7-F
AZ23C5V6W-7-F	BZT52C22T-7	BZT52C4V3LP-7	BZX84B15-7-F	BZX84C13W-7-F	BZX84C36S-7-F
AZ23C6V2-7-F	BZT52C24-7-F-79	BZT52C4V3LP-7B	BZX84B16-7-F	BZX84C15S-7-F	BZX84C36W-7-F
AZ23C6V8-7-F	BZT52C24LP-7	BZT52C4V3S-7-F-79	BZX84B18-7-F	BZX84C15T-7-F	BZX84C39S-7-F
AZ23C7V5-7-F	BZT52C24LP-7B	BZT52C4V3T-7	BZX84B20-7-F	BZX84C15W-7-F	BZX84C39T-7-F
AZ23C8V2-7-F	BZT52C24T-7	BZT52C4V7-7-F-79	BZX84B22-7-F	BZX84C16S-7-F	BZX84C39W-7-F
AZ23C9V1-7-F	BZT52C2V0-13-F	BZT52C4V7LP-7	BZX84B24-7-F	BZX84C16T-7-F	BZX84C3V0S-7-F

**Table 3 cont. – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’ and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source**

BZX84C3V0T-7-F	BZX84C6V8T-7-F	D3Z5V6BF-7	DDZ16CSF-7	DDZ30ASF-7	DDZ6V2BSF-7
BZX84C3V0TS-7-F	BZX84C6V8W-7-F	D3Z6V2BF-7	DDZ17-7-79	DDZ30BSF-7	DDZ6V8B-7
BZX84C3V0W-7-F	BZX84C7V5S-7-F	D3Z6V8BF-7	DDZ18ASF-7	DDZ30CSF-7	DDZ6V8BSF-7
BZX84C3V3S-7-F	BZX84C7V5T-7-F	D3Z7V5BF-7	DDZ18BSF-7	DDZ30DS-7	DDZ6V8C-7
BZX84C3V3T-7-F	BZX84C7V5W-7-F	D3Z8V2BF-7	DDZ18CSF-7	DDZ30DSF-7	DDZ6V8C-7-79
BZX84C3V3TS-7-F	BZX84C8V2S-7-F	D3Z9V1BF-7	DDZ19-7	DDZ33ASF-7	DDZ6V8CSF-7
BZX84C3V3W-7-F	BZX84C8V2T-7-F	DDZ10ASF-7	DDZ20ASF-7	DDZ33BSF-7	DDZ7V5ASF-7
BZX84C3V6S-7-F	BZX84C8V2W-7-F	DDZ10B-7	DDZ20BSF-7	DDZ33CSF-7	DDZ7V5B-7
BZX84C3V6T-7-F	BZX84C9V1-13-F	DDZ10BSF-7	DDZ20C-7	DDZ33DSF-7	DDZ7V5BSF-7
BZX84C3V6TS-7-F	BZX84C9V1-7-F-79	DDZ10CS-7	DDZ20CS-7	DDZ34-7	DDZ7V5CS-7
BZX84C3V6W-7-F	BZX84C9V1S-7-F	DDZ10CSF-7	DDZ20CSF-7	DDZ36CSF-7	DDZ7V5CSF-7
BZX84C3V9-7-F-79	BZX84C9V1T-7-F	DDZ10DSF-7	DDZ20DSF-7	DDZ36DSF-7	DDZ8V2ASF-7
BZX84C3V9S-7-F	BZX84C9V1W-7-F	DDZ11ASF-7	DDZ22ASF-7	DDZ39ASF-7	DDZ8V2BSF-7
BZX84C3V9T-7-F	D3Z10BF-7	DDZ11B-7	DDZ22BSF-7	DDZ39BSF-7	DDZ8V2CS-7
BZX84C3V9TS-7-F	D3Z11BF-7	DDZ11BSF-7	DDZ22CSF-7	DDZ39CSF-7	DDZ8V2CSF-7
BZX84C3V9W-7-F	D3Z12BF-7	DDZ11CS-7	DDZ22D-7	DDZ39DSF-7	DDZ9683-7
BZX84C4V3S-7-F	D3Z13BF-7	DDZ11CSF-7	DDZ22DSF-7	DDZ3V0ASF-7*	DDZ9685-7-79
BZX84C4V3T-7-F	D3Z15BF-7	DDZ12ASF-7	DDZ23-7	DDZ3V0BSF-7	DDZ9688-7
BZX84C4V3TS-7-F	D3Z16BF-7	DDZ12B-7-79	DDZ24ASF-7	DDZ3V3ASF-7*	DDZ9689-7
BZX84C4V3W-7-F	D3Z18BF-7	DDZ12BSF-7	DDZ24BSF-7	DDZ3V3BSF-7	DDZ9689S-7
BZX84C4V7S-7-F	D3Z20BF-7	DDZ12C-7-79	DDZ24C-7	DDZ3V6ASF-7*	DDZ9689T-7
BZX84C4V7T-7-F	D3Z22BF-7	DDZ12CSF-7	DDZ24C-7-79	DDZ3V6BSF-7	DDZ9690T-7
BZX84C4V7TS-7-F	D3Z24BF-7	DDZ13ASF-7	DDZ24CSF-7	DDZ3V9ASF-7*	DDZ9691-7
BZX84C4V7W-7-F	D3Z27BF-7	DDZ13B-7-79	DDZ24DSF-7	DDZ3V9BSF-7	DDZ9691T-7
BZX84C5V1S-7-F	D3Z2V4BF-7	DDZ13BS-7	DDZ26-7	DDZ4V3ASF-7*	DDZ9692-7
BZX84C5V1T-7-F	D3Z2V7BF-7	DDZ13BSF-7	DDZ27ASF-7	DDZ4V3BSF-7*	DDZ9692T-7
BZX84C5V1TS-7-F	D3Z30BF-7	DDZ13CSF-7	DDZ27BSF-7	DDZ4V7ASF-7	DDZ9693T-7
BZX84C5V1W-7-F	D3Z33BF-7	DDZ14B-7	DDZ27CSF-7	DDZ4V7BSF-7*	DDZ9694T-7
BZX84C5V6T-7-F	D3Z36BF-7	DDZ14S-7	DDZ27D-7	DDZ4V7CSF-7*	DDZ9696T-7
BZX84C5V6TS-7-F	D3Z3V0BF-7	DDZ15ASF-7	DDZ27D-7-79	DDZ5V1ASF-7	DDZ9697S-7
BZX84C5V6W-7-F	D3Z3V3BF-7	DDZ15BSF-7	DDZ27DSF-7	DDZ5V1B-7	DDZ9697T-7
BZX84C6V2S-7-F	D3Z3V6BF-7	DDZ15CSF-7	DDZ28-7	DDZ5V1BSF-7	DDZ9698-7
BZX84C6V2T-7-F	D3Z3V9BF-7	DDZ15S-7	DDZ2V4ASF-7*	DDZ5V1CSF-7	DDZ9698T-7
BZX84C6V2TS-7-F	D3Z4V3BF-7	DDZ16-7	DDZ2V4BSF-7*	DDZ5V6B-7-79	DDZ9699T-7
BZX84C6V2W-7-F	D3Z4V7BF-7	DDZ16ASF-7	DDZ2V7ASF-7*	DDZ5V6BSF-7	DDZ9700T-7
BZX84C6V8S-7-F	D3Z5V1BF-7	DDZ16BSF-7	DDZ2V7BSF-7*	DDZ6V2ASF-7*	DDZ9701-7



**Table 3 cont. – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’ and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source**

DDZ9701T-7	DFLT28A-7	DZ23C39-7-F	DZ9F5V6S92-7	MMBZ15VAL-7-F	MMBZ5231B-7-G
DDZ9702T-7	DFLT30A-7	DZ23C3V0-7-F	DZ9F6V2S92-7	MMBZ15VDL-7-F	MMBZ5231BS-7-F
DDZ9703T-7	DFLT33A-7	DZ23C3V3-7-F	DZ9F6V8S92-7	MMBZ27VCL-7-F	MMBZ5231BT-7-F
DDZ9705T-7	DFLT36A-7	DZ23C3V6-7-F	DZ9F7V5S92-7	MMBZ5221B-7-F-79	MMBZ5231BTS-7-F
DDZ9707T-7	DFLT40A-7	DZ23C3V9-7-F	DZ9F8V2S92-7	MMBZ5221BS-7-F	MMBZ5231BW-7-F
DDZ9708T-7	DFLT43A-7	DZ23C43-7-F	DZ9F9V1S92-7	MMBZ5221BT-7-F	MMBZ5232B-7-G
DDZ9709T-7	DFLT45A-7	DZ23C47-7-F	GDZ10LP3-7	MMBZ5221BTS-7-F	MMBZ5232BS-7-F
DDZ9711T-7	DFLT48A-7	DZ23C4V3-7-F	GDZ11LP3-7	MMBZ5221BW-7-F	MMBZ5232BT-7-F
DDZ9712T-7	DFLT51A-7	DZ23C4V7-7-F	GDZ12LP3-7	MMBZ5223BS-7-F	MMBZ5232BTS-7-F
DDZ9713T-7	DFLT5V0A-7	DZ23C51-7-F	GDZ13LP3-7	MMBZ5223BT-7-F	MMBZ5232BW-7-F
DDZ9714T-7	DFLT6V0A-7	DZ23C5V1-7-F	GDZ15LP3-7	MMBZ5223BTS-7-F	MMBZ5233BS-7-F
DDZ9715T-7	DFLT6V5A-7	DZ23C5V6-7-F	GDZ16LP3-7	MMBZ5223BW-7-F	MMBZ5233BTS-7-F
DDZ9716T-7	DFLT7V0A-7	DZ23C6V2-7-F	GDZ18LP3-7	MMBZ5225BS-7-F	MMBZ5233BW-7-F
DDZ9717T-7	DFLT7V5A-7	DZ23C6V8-7-F	GDZ20LP3-7	MMBZ5225BT-7-F	MMBZ5234BS-7-F
DDZ9V1ASF-7	DFLT8V0A-7	DZ23C7V5-7-F	GDZ22LP3-7	MMBZ5225BTS-7-F	MMBZ5234BT-7-F
DDZ9V1B-7	DFLT8V5A-7	DZ23C8V2-7-F	GDZ24LP3-7	MMBZ5225BW-7-F	MMBZ5234BTS-7-F
DDZ9V1BSF-7	DFLT9V0A-7	DZ23C9V1-7-F	GDZ27VLP3-7	MMBZ5226BS-7-F	MMBZ5234BW-7-F
DDZ9V1CSF-7	DFLZ15-7*	DZ9F10S92-7	GDZ3V0LP3-7	MMBZ5226BT-7-F	MMBZ5235BS-7-F
DDZX12C-7	DFLZ39-7*	DZ9F11S92-7	GDZ3V3LP3-7	MMBZ5226BTS-7-F	MMBZ5235BT-7-F
DDZX36-7	DSM80100M-7	DZ9F12S92-7	GDZ3V6LP3-7	MMBZ5226BW-7-F	MMBZ5235BTS-7-F
DDZX7V5C-7	DVR5V0W-7	DZ9F13S92-7	GDZ3V8BLP3-7-G	MMBZ5227BS-7-F	MMBZ5235BW-7-F
DDZX8V2C-7	DZ23C10-7-F	DZ9F15S92-7	GDZ3V9LP3-7	MMBZ5227BT-7-F	MMBZ5236BS-7-F
DFLT10A-7	DZ23C11-7-F	DZ9F16S92-7	GDZ4V1LP3-7	MMBZ5227BTS-7-F	MMBZ5236BT-7-F
DFLT11A-7	DZ23C12-7-F	DZ9F18S92-7	GDZ4V3LP3-7	MMBZ5227BW-7-F	MMBZ5236BTS-7-F
DFLT12A-7	DZ23C13-7-F	DZ9F20S92-7	GDZ4V7LP3-7	MMBZ5228BS-7-F	MMBZ5236BW-7-F
DFLT13A-7	DZ23C15-7-F	DZ9F22S92-7	GDZ5V1LP3-7	MMBZ5228BT-7-F	MMBZ5237BS-7-F
DFLT14A-7	DZ23C16-7-F	DZ9F24S92-7	GDZ5V6LP3-7	MMBZ5228BTS-7-F	MMBZ5237BT-7-F
DFLT15A-7	DZ23C18-7-F	DZ9F2V7S92-7	GDZ6V0LP3-7	MMBZ5228BW-7-F	MMBZ5237BTS-7-F
DFLT16A-7	DZ23C20-7-F	DZ9F3V0S92-7	GDZ6V2LP3-7	MMBZ5229BS-7-F	MMBZ5237BW-7-F
DFLT17A-7	DZ23C22-7-F	DZ9F3V3S92-7	GDZ6V8LP3-7	MMBZ5229BT-7-F	MMBZ5238BS-7-F
DFLT18A-7	DZ23C24-7-F	DZ9F3V6S92-7	GDZ7V5LP3-7	MMBZ5229BTS-7-F	MMBZ5238BTS-7-F
DFLT20A-7	DZ23C27-7-F	DZ9F3V9S92-7	GDZ8V2LP3-7	MMBZ5229BW-7-F	MMBZ5238BW-7-F
DFLT22A-7	DZ23C2V7-7-F	DZ9F4V1S92-7	GDZ9V1LP3-7	MMBZ5230BS-7-F	MMBZ5239BS-7-F
DFLT24A-7	DZ23C30-7-F	DZ9F4V3S92-7	LMN200B01-7	MMBZ5230BT-7-F	MMBZ5239BT-7-F
DFLT26A-7	DZ23C33-7-F	DZ9F4V7S92-7	LMN200B02-7	MMBZ5230BTS-7-F	MMBZ5239BTS-7-F
DFLT27A-7	DZ23C36-7-F	DZ9F5V1S92-7	LMN400E01-7	MMBZ5230BW-7-F	MMBZ5239BW-7-F



**Table 3 cont. – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’ and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source**

MMBZ5240BS-7-F	MMBZ5250BW-7-F	MMBZ5259BTS-7-F	MMSZ5235B-7-F	MMSZ5252BS-7-F	PD3Z284C36-7
MMBZ5240BT-7-F	MMBZ5251BS-7-F	MMBZ5259BW-7-F	MMSZ5235BS-7-F	MMSZ5254B-7-F	PD3Z284C39-7
MMBZ5240BTS-7-F	MMBZ5251BT-7-F	MMSZ5221B-7-F	MMSZ5236B-7-F	MMSZ5254BS-7-F	PD3Z284C3V0-7
MMBZ5240BW-7-F	MMBZ5251BTS-7-F	MMSZ5221BS-7-F	MMSZ5236BS-7-F	MMSZ5255B-7-F	PD3Z284C3V3-7
MMBZ5241BS-7-F	MMBZ5251BW-7-F	MMSZ5223B-7-F	MMSZ5237B-7-F	MMSZ5255BS-7-F	PD3Z284C3V6-7
MMBZ5241BT-7-F	MMBZ5252BS-7-F	MMSZ5223BS-13-F	MMSZ5237BS-7-F	MMSZ5256B-13-F	PD3Z284C3V9-7
MMBZ5241BW-7-F	MMBZ5252BT-7-F	MMSZ5223BS-7-F	MMSZ5238B-7-F	MMSZ5256B-7-F	PD3Z284C4V3-7
MMBZ5242BS-7-F	MMBZ5252BW-7-F	MMSZ5225B-7-F	MMSZ5238BS-7-F	MMSZ5256BS-7-F	PD3Z284C4V7-7
MMBZ5242BT-7-F	MMBZ5254BS-7-F	MMSZ5225BS-7-F	MMSZ5239B-7-F	MMSZ5257B-7-F	PD3Z284C5V1-7
MMBZ5242BTS-7-F	MMBZ5254BT-7-F	MMSZ5226B-7-F	MMSZ5239BS-7-F	MMSZ5257BS-7-F	PD3Z284C5V6-7
MMBZ5242BW-7-F	MMBZ5254BTS-7-F	MMSZ5226BS-7-F	MMSZ5240B-7-F	MMSZ5258B-7-F	PD3Z284C6V2-7
MMBZ5243BS-7-F	MMBZ5254BW-7-F	MMSZ5227B-7-F	MMSZ5240BS-7-F	MMSZ5258BS-7-F	PD3Z284C6V8-7
MMBZ5243BT-7-F	MMBZ5255BS-7-F	MMSZ5227BS-7-F	MMSZ5241B-7-F	MMSZ5259B-7-F	PD3Z284C7V5-7
MMBZ5243BTS-7-F	MMBZ5255BT-7-F	MMSZ5228B-7-F	MMSZ5241BS-7-F	MMSZ5259BS-7-F	PD3Z284C9V1-7
MMBZ5243BW-7-F	MMBZ5255BTS-7-F	MMSZ5228BS-7-F	MMSZ5242B-7-F	MMSZ5263B-7-F	TBZ363C7V0-7-F
MMBZ5245BS-7-F	MMBZ5255BW-7-F	MMSZ5229B-7-F	MMSZ5242BS-7-F	PD3Z284C10-7	UDZ10B-7-79
MMBZ5245BT-7-F	MMBZ5256BS-7-F	MMSZ5229BS-7-F	MMSZ5243B-7-F	PD3Z284C11-7	UDZ11B-7
MMBZ5245BTS-7-F	MMBZ5256BT-7-F	MMSZ5230B-13-F	MMSZ5243BS-7-F	PD3Z284C12-7	UDZ12B-7
MMBZ5245BW-7-F	MMBZ5256BTS-7-F	MMSZ5230B-7-F	MMSZ5245B-7-F	PD3Z284C13-7	UDZ12B-7-79
MMBZ5246BS-7-F	MMBZ5256BW-7-F	MMSZ5230BS-7-F	MMSZ5245BS-7-F	PD3Z284C15-7	UDZ13B-7
MMBZ5246BT-7-F	MMBZ5257BS-7-F	MMSZ5231B-13-F	MMSZ5246B-7-F	PD3Z284C16-7	UDZ15B-7-79
MMBZ5246BTS-7-F	MMBZ5257BT-7-F	MMSZ5231B-7-F	MMSZ5246BS-7-F	PD3Z284C18-7	UDZ5V1B-7
MMBZ5246BW-7-F	MMBZ5257BTS-7-F	MMSZ5231BS-7-F	MMSZ5248B-7-F	PD3Z284C20-7	UDZ5V1BF-7
MMBZ5248BS-7-F	MMBZ5257BW-7-F	MMSZ5232B-7-F	MMSZ5248BS-7-F	PD3Z284C22-7	UDZ5V6B-7
MMBZ5248BT-7-F	MMBZ5258BS-7-F	MMSZ5232BS-7-F	MMSZ5250B-7-F	PD3Z284C24-7	UDZ5V6B-7-79
MMBZ5248BTS-7-F	MMBZ5258BT-7-F	MMSZ5233B-7-F	MMSZ5250BS-7-F	PD3Z284C27-7	UDZ5V6B-7-F
MMBZ5248BW-7-F	MMBZ5258BTS-7-F	MMSZ5233BS-7-F	MMSZ5251B-7-F	PD3Z284C2V4-7	UDZ6V2B-7-79
MMBZ5250BS-7-F	MMBZ5258BW-7-F	MMSZ5234B-7-F	MMSZ5251BS-7-F	PD3Z284C2V7-7	UDZ7V5B-7-79
MMBZ5250BT-7-F	MMBZ5259BS-7-F	MMSZ5234BS-13-F	MMSZ5252B-13-F	PD3Z284C30-7	UDZ8V2B-7
MMBZ5250BTS-7-F	MMBZ5259BT-7-F	MMSZ5234BS-7-F	MMSZ5252B-7-F	PD3Z284C33-7	UDZ9V1B-7

Note: “\*\*” refers to change in die size



Table 4 – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’, Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source, and Add Diodes internal CAT as additional A/T site					
BZT52C10LP-7	BZT52C3V6LP-7	BZX84C2V4T-7-F	DRDPB16W-7	MMBZ18VAL-7-F	MMBZ6V8AL-7-F
BZT52C11LP-7	BZT52C3V6LP-7B	BZX84C36T-7-F	DVRN6056-7-F	MMBZ20VAL-7-F	MMBZ9V1AL-13-F
BZT52C11LP-7B	BZT52C7V5LP-7	DRDN005W-7	DZQA5V6AXV5-7	MMBZ27VAL-7-F	MMBZ9V1AL-7-F
BZT52C20LP-7	BZT52C8V2LP-7	DRDNB16W-7	DZQA6V8AXV5-7	MMBZ33VAL-7-F	T5V0DLP-7B
BZT52C20LP-7B	BZT52C8V2LP-7B	DRDNB21D-7	HBDM60V600W-7	MMBZ5V6AL-7-F	TPD6V8LP-7
BZT52C39LP-7	BZX84C10T-7-F	DRDP006W-7	MMBZ10VAL-7-F	MMBZ6V2AL-7-F	

Table 5 – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’, Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source, and Add Diodes internal OFAB as additional wafer source					
DMMT3904W-13-F	MMBT2907A-13-F	MMBT3904T-7-F	MMBT4401-7-F-31	MMDT3904VC-7	MMDT4401-7-F
DMMT3904W-7-F	MMBT2907A-7-F	MMBT3904T-7-F-79	MMBT4401-7-F-79	MMDT3906-7-F	MMST2222A-7-F
DMMT3904W-7-F-79	MMBT2907A-7-F-31	MMBT3906-13-F	MMBT4401T-7-F	MMDT3906-7-F-79	MMST2907A-7-F
DMMT3906W-13-F	MMBT2907A-7-F-79	MMBT3906-7-F	MMDT2222A-7-F	MMDT3906-7-G	MMST3904-13-F
DMMT3906W-7-F	MMBT2907A-7-G	MMBT3906-7-F-79	MMDT2222V-7	MMDT3906VC-7	MMST3904-7-F
DMMT3906W-7-F-79	MMBT2907AT-7-F	MMBT3906-7-G	MMDT2227-7-F	MMDT3946-7-F	MMST3904-7-F-79
DMMT3906W-7-G	MMBT3904-13-F	MMBT3906T-13-F	MMDT2907A-7-F	MMDT3946-7-F-79	MMST3906-7-F
MMBT2222A-13-F	MMBT3904-7-F	MMBT3906T-7-F	MMDT2907V-7	MMDT3946-7-G	MMST3906-7-F-79
MMBT2222A-7-F	MMBT3904-7-F-31	MMBT4124-7-F	MMDT3904-7-F	MMDT3946-7R-F	MMST4124-7-F
MMBT2222A-7-F-79	MMBT3904-7-F-79	MMBT4126-7-F	MMDT3904-7-F-79	MMDT4124-7-F	MMST4126-7-F
MMBT2222A-7-G	MMBT3904-7-G	MMBT4401-13-F	MMDT3904-7-G	MMDT4126-7-F	MMST4401-7-F
MMBT2222AT-7-F	MMBT3904T-13-F	MMBT4401-7-F	MMDT3904V-7	MMDT4146-7-F	

Table 6 – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’ and Add Diodes internal SFAB1 as additional wafer source					
1N4148W-13-F**	BAL99-7-F**	BAV116W-7-F	BAV99-13-F**	BAW56-13-F**	MMBD4448HTA-7-F
1N4148W-7-F**	BAS116T-7-F	BAV170T-7-F	BAV99-7-F**	BAW56-7-F**	MMBD4448HTC-7-F
1N4148WS-13-F**	BAS16-13-F**	BAV199T-7-F	BAV99DW-7-F	BAW56T-7-F	MMBD4448HTS-7-F
1N4148WS-7-F**	BAS16-7-F**	BAV70-13-F**	BAV99T-13-F	MMBD4148-7-F**	MMBD7000-7-F**
1N4448HWS-7-F	BAS16T-7-F	BAV70-7-F**	BAV99T-7-F	MMBD4148TW-7-F**	MMBD914-13-F**
1N4448W-13-F	BAS21T-7-F	BAV70T-7-F	BAW156T-7-F	MMBD4448HT-7-F	MMBD914-7-F**
1N4448W-7-F					

Note: “\*\*” Refers to add additional die type in SFAB1



**Table 7 – Manufacturing site transfer from Phenitec’s ‘HQ Fab’ to ‘1st Fab’, Add Diodes internal SFAB1 as additional wafer source, and Add Diodes internal CAT as additional A/T site**

1N4448WS-7-F	BAS21DWA-7	BAV16WS-7-F	BAV99BRW-7-F	BAW56DW-7-F	MMBD4448-7-F
BAS16HTW-13	BAS28-7	BAV70DW-7-F	BAV99DW-13-F	BAW56HDW-13	MMBD4448DW-7-F
BAS16HTW-13R	BAS299-7	BAV70HDW-7	BAV99HDW-13	BAW56W-7-F	MMBD4448HADW-7-F
BAS16TW-13-F	BAV116W-13-F	BAV70W-7-F	BAV99W-13-F	DLP05LC-7-F	MMBD4448HTW-7-F
BAS16TW-7-F	BAV16W-7-F	BAV756DW-7-F	BAV99W-7-F	MMBD4148-13-F	MMBD5004BRM-7

**Table 8 – Change from 5” to 6” wafer diameter at Phenitec ‘1st Fab’**

2DA1213O-13	BC807-40W-7	DCX114TH-7	DCX143ZU-13R-F	DDA142JH-7	DDC144TH-7-F
2DA1213Y-13	BC817-16-7-F	DCX114YH-13	DCX143ZU-7-F	DDA142JU-7-F	DDTA113TCA-7-F
2DA1213Y-13R	BC817-16W-7	DCX114YH-7	DCX144EH-13	DDA142TH-7	DDTA113TE-7-F
2DA1774Q-7-F	BC817-25-7-F	DCX114YK-7-F	DCX144EH-7	DDA142TU-7-F	DDTA113TUA-7-F
2DA1774QLP-7	BC817-25W-7	DCX115EK-7-F	DCX144EK-7	DDA143EH-7	DDTA113ZCA-7-F
2DA1774QLP-7B	BC817-40-7-F	DCX115EU-7-F	DCX4710H-7	DDA143TH-7	DDTA113ZE-13-F
2DA1774R-7-F	BC817-40W-7	DCX122LH-13	DCX54-13	DDA143TK-7-F	DDTA113ZE-7-F
2DA1774S-7-F	BC847BLP4-7	DCX122LH-7	DCX54-16-13	DDA144EH-7	DDTA113ZLP-7B
2DB1119S-13	BC847BLP4-7B	DCX122LU-7-F	DCX55-13	DDA144EK-7-F	DDTA113ZUA-7-F
2DB1132P-13	BC847BLP-7	DCX122TH-13	DCX55-16-13	DDC113TU-7-F	DDTA114GCA-7-F
2DB1132Q-13	BC847BLP-7B	DCX122TH-7	DCX56-13	DDC114EH-7	DDTA114GE-7-F
2DB1132R-13	BC847CDLP-7	DCX122TU-7-F	DCX56-16-13	DDC114TH-7	DDTA114GUA-7-F
2DB1182Q-13	BC857BLP4-7	DCX123JH-13	DCX68-13	DDC114YH-7	DDTA114YLP-7
2DB1184Q-13	BC857BLP4-7B	DCX123JH-7	DCX68-25-13	DDC115EU-7-F	DDTA114YLP-7B
2DC2412R-7	BC857BLP-7	DCX123JU-7-F	DDA113TU-7-F	DDC122LH-7	DDTA115ECA-7-F
2DC4617Q-7-F	BC857BLP-7B	DCX124EH-13	DDA114EH-7	DDC122LU-7-F	DDTA115EE-7-F
2DC4617QLP-7	DCP54-13	DCX124EH-7	DDA114EK-7-F	DDC122TH-7	DDTA115EUA-7-F
2DC4617QLP-7B	DCP54-16-13	DCX124EK-7	DDA114TH-7	DDC122TU-7-F	DDTA115GCA-7-F
2DC4617R-7-F	DCP55-13	DCX124EK-7-F	DDA114TK-7-F	DDC123JH-7	DDTA115GE-7-F
2DC4617S-7-F	DCP55-16-13	DCX142JH-13	DDA114YH-7	DDC123JK-7-F	DDTA115GUA-7-F
2DD1664P-13	DCP56-13	DCX142JH-7	DDA114YK-7-F	DDC123JU-7-F	DDTA115TCA-7-F
2DD1664Q-13	DCP56-16-13	DCX142JU-7-F	DDA122LH-7	DDC124EH-7	DDTA115TE-7-F
2DD1664R-13	DCP68-13	DCX142TH-13	DDA122LU-7-F	DDC142JH-7	DDTA115TUA-7-F
BC807-16-7-F	DCP68-25-13	DCX142TH-7	DDA122TH-7	DDC142JU-7-F	DDTA122LE-7-F
BC807-16W-7	DCP69A-13	DCX142TU-7-F	DDA122TU-7-F	DDC142TH-7	DDTA122LU-7-F
BC807-25-7-F	DCP69A-16-13	DCX143EH-13	DDA123JH-7	DDC142TU-7-F	DDTA122TE-7-F
BC807-25W-7	DCX100NS-7	DCX143EH-7	DDA123JK-7-F	DDC143EH-7	DDTA122TU-7-F
BC807-40-13-F	DCX114EH-13	DCX143TH-13	DDA123JU-7-F	DDC143TH-7	DDTA123ECA-7-F
BC807-40-7-F	DCX114EH-7	DCX143TH-7	DDA124EH-7	DDC144EH-7	DDTA123EE-7-F
BC807-40-7-G	DCX114TH-13	DCX143TK-7-F	DDA124EK-7-F	DDC144NS-7	DDTA123EUA-7-F

**Table 8 cont. – Change from 5” to 6” wafer diameter at Phenitec ‘1st Fab’**

DDTA123JCA-7-F	DDTB114GU-7-F	DDTC113ZCA-7-F-79	DDTC123JUA-7-F	DDTD114EU-7-F	DMMT5551S-13-F
DDTA123JE-7-F	DDTB114TC-7-F	DDTC113ZE-7-F	DDTC123TCA-7-F	DDTD114GC-7-F	DMMT5551S-7-F
DDTA123JUA-7-F	DDTB114TU-7-F	DDTC113ZUA-7-F	DDTC123TE-7-F	DDTD114GU-7-F	DNBT8105-7
DDTA123TCA-7-F	DDTB122JC-7-F	DDTC114ECA-7-F-79	DDTC123TUA-7-F	DDTD114TC-7-F	DNLS320E-13
DDTA123TE-7-F	DDTB122JU-7-F	DDTC114ELP-7	DDTC123YCA-7-F	DDTD114TU-7-F	DPLS350E-13
DDTA123TUA-7-F	DDTB122LC-7-F	DDTC114ELP-7B	DDTC123YE-7-F	DDTD122JC-7-F	DPLS350Y-13
DDTA123YCA-7-F	DDTB122LU-7-F	DDTC114GCA-7-F	DDTC123YUA-7-F	DDTD122JU-7-F	DPLS350YTC
DDTA123YE-7-F	DDTB122TC-7-F	DDTC114GE-7-F	DDTC124GCA-7-F	DDTD122LC-7-F	DPLS4140E-13
DDTA123YUA-7-F	DDTB122TU-7-F	DDTC114GUA-7-F	DDTC124GE-7-F	DDTD122LU-7-F	DXT5401-13
DDTA124GCA-7-F	DDTB123EC-7-F	DDTC114YLP-7	DDTC124GUA-7-F	DDTD122TC-7-F	DXT5551-13
DDTA124GE-7-F	DDTB123EU-7-F	DDTC114YLP-7B	DDTC125TCA-7-F	DDTD122TU-7-F	DXT751-13
DDTA124GUA-7-F	DDTB123TC-7-F	DDTC115ECA-7-F	DDTC125TE-7-F	DDTD123EC-7-F	DZT491-13
DDTA125TCA-7-F	DDTB123TU-7-F	DDTC115EE-7-F	DDTC125TUA-7-F	DDTD123EU-7-F	DZT5401-13
DDTA125TE-7-F	DDTB123YC-7-F	DDTC115EUA-7-F	DDTC142JE-7-F	DDTD123TC-7-F	DZT5551-13
DDTA125TUA-7-F	DDTB123YU-7-F	DDTC115GCA-7-F	DDTC142JU-7-F	DDTD123TU-7-F	DZT751-13
DDTA142JE-7-F	DDTB133HC-7-F	DDTC115GE-7-F	DDTC142TE-7-F	DDTD123YC-7-F	DZT955-13
DDTA142JU-7-F	DDTB133HU-7-F	DDTC115GUA-7-F	DDTC142TU-7-F	DDTD123YU-7-F	IMT17-7
DDTA142TE-7-F	DDTB142JC-7-F	DDTC115TCA-7-F	DDTC143ZCA-7-F-79	DDTD133HC-7-F	MIMD10A-7-F
DDTA142TU-7-F	DDTB142JU-7-F	DDTC115TE-7-F	DDTC143ZLP-7	DDTD133HU-7-F	MMBT123S-7-F
DDTA144ELP-7	DDTB142TC-7-F	DDTC115TUA-7-F	DDTC143ZLP-7B	DDTD142JC-7-F	MMBT5401-13-F
DDTA144ELP-7B	DDTB142TU-7-F	DDTC122LE-7-F	DDTC144ELP-7	DDTD142JU-7-F	MMBT5401-7-F
DDTA144GCA-7-F	DDTB143EC-7-F	DDTC122LU-7-F	DDTC144ELP-7B	DDTD142TC-7-F	MMBT5551-7-F
DDTA144GE-7-F	DDTB143EU-7-F	DDTC122TE-7-F	DDTC144GCA-7-F	DDTD142TU-7-F	MMDT5401-7-F
DDTA144GUA-7-F	DDTB143TC-7-F	DDTC122TU-7-F	DDTC144GE-7-F	DDTD143EC-7-F	MMDT5451-7-F
DDTB113EC-7-F	DDTB143TU-7-F	DDTC123ECA-7-F	DDTC144GUA-7-F	DDTD143EU-7-F	MMDT5551-7-F
DDTB113EU-7-F	DDTC113TCA-7-F	DDTC123EE-7-F	DDTD113EC-7-F	DDTD143TC-7-F	MMST5401-13-F
DDTB113ZC-7-F	DDTC113TE-7-F	DDTC123EUA-7-F	DDTD113EU-7-F	DDTD143TU-7-F	MMST5401-7-F
DDTB113ZU-7-F	DDTC113TLP-7	DDTC123JCA-7-F	DDTD113ZC-13-F	DEMD48-7	MMST5551-7-F
DDTB114EC-7-F	DDTC113TLP-7B	DDTC123JE-7-F	DDTD113ZC-7-F	DIMD10A-7	UMC4N-7
DDTB114EU-7-F	DDTC113TUA-7-F	DDTC123JLP-7	DDTD113ZU-7-F	DMMT5401-7-F	UMC5N-7
DDTB114GC-7-F	DDTC113ZCA-7-F	DDTC123JLP-7B	DDTD114EC-7-F	DMMT5551-7-F	UMG4N-7

**Table 9 – Change from 5” to 6” wafer diameter at Phenitec ‘1st Fab’, Add Diodes internal OFAB as additional wafer source, and Add Diodes internal CAT as additional A/T site**

DCX114EU-13R-F	DDC144EU-7-F	DDTA124XCA-7-F	DDTA144EUA-7-F	DDTC114YE-7-F	DDTC143TUA-7-F
DCX114EU-7-F	DDC144TU-7	DDTA124XE-7-F	DDTA144TCA-7-F	DDTC114YUA-7-F	DDTC143XCA-7-F
DCX114TU-7-F	DDTA114ECA-7-F	DDTA124XUA-7-F	DDTA144TE-7-F	DDTC124ECA-7-F	DDTC143XE-7-F
DCX114YU-7-F	DDTA114EE-7-F	DDTA143ECA-7-F	DDTA144TUA-7-F	DDTC124EE-7-F	DDTC143XUA-7-F
DCX124EU-7-F	DDTA114EUA-7-F	DDTA143EE-7-F	DDTA144VCA-7-F	DDTC124EUA-7-F	DDTC143ZCA-7-F
DCX143EU-7-F	DDTA114TCA-7-F	DDTA143EUA-7-F	DDTA144VE-7-F	DDTC124TCA-7-F	DDTC143ZE-7-F
DCX143TU-7-F	DDTA114TE-7-F	DDTA143FCA-7-F	DDTA144VUA-7-F	DDTC124TE-7-F	DDTC143ZUA-7-F
DCX144EU-7-F	DDTA114TUA-7-F	DDTA143FE-7-F	DDTA144WCA-7-F	DDTC124TUA-7-F	DDTC144ECA-7-F
DDA114EU-7-F	DDTA114WCA-7-F	DDTA143FUA-7-F	DDTA144WE-7-F	DDTC124XCA-7-F	DDTC144EE-7-F
DDA114TU-7-F	DDTA114WE-7-F	DDTA143TCA-7-F	DDTA144WUA-7-F	DDTC124XE-7-F	DDTC144EUA-7-F
DDA114YU-7-F	DDTA114WUA-7-F	DDTA143TE-7-F	DDTC114ECA-7-F	DDTC124XUA-7-F	DDTC144TCA-7-F
DDA124EU-7-F	DDTA114YCA-7-F	DDTA143TUA-7-F	DDTC114EE-7-F	DDTC143ECA-13-F	DDTC144TE-7-F
DDA143TU-7-F	DDTA114YE-7-F	DDTA143XCA-7-F	DDTC114EUA-7-F	DDTC143ECA-7-F	DDTC144TUA-7-F
DDA144EU-7-F	DDTA114YUA-7-F	DDTA143XE-7-F	DDTC114TCA-7-F	DDTC143EE-7-F	DDTC144VCA-7-F
DDC114EU-7-F	DDTA124ECA-7-F	DDTA143XUA-7-F	DDTC114TE-7-F	DDTC143EUA-7-F	DDTC144VE-7-F
DDC114TU-7-F	DDTA124EE-7-F	DDTA143ZCA-7-F	DDTC114TUA-7-F	DDTC143FCA-7-F	DDTC144VUA-7-F
DDC114YU-7-F	DDTA124EUA-7-F	DDTA143ZE-7-F	DDTC114WCA-7-F	DDTC143FE-7-F	DDTC144WCA-7-F
DDC124EU-7-F	DDTA124TCA-7-F	DDTA143ZUA-7-F	DDTC114WE-7-F	DDTC143FUA-7-F	DDTC144WE-7-F
DDC143TU-7-F	DDTA124TE-7-F	DDTA144ECA-7-F	DDTC114WUA-7-F	DDTC143TCA-7-F	DDTC144WUA-7-F
DDC143ZU-7-F	DDTA124TUA-7-F	DDTA144EE-7-F	DDTC114YCA-7-F	DDTC143TE-7-F	

**Table 10 – Change from 5” to 6” wafer diameter at Phenitec ‘1st Fab’, Add Diodes internal OFAB as additional wafer source, and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source**

BC846A-7-F	BC847B-13-F	BC847C-13-F	BC848BW-7-F	BC857AW-7-F	BC857C-7-F
BC846AS-7	BC847B-7-F	BC847C-7-F	BC848C-7-F	BC857B-13-F	BC857CT-7-F
BC846AW-7-F	BC847BS-13-F	BC847CT-7-F	BC848CW-7-F	BC857B-7-F	BC857CW-7-F
BC846B-13-F	BC847BS-7-F	BC847CW-13-F	BC856A-7-F	BC857BS-13-F	BC858A-7-F
BC846B-7-F	BC847BT-7-F	BC847CW-7-F	BC856AS-7	BC857BS-7-F	BC858AW-7-F
BC846B-7-F-79	BC847BV-13	BC847PN-13-F	BC856AW-7-F	BC857BT-7-F	BC858B-7-F
BC846BW-13-F	BC847BV-7	BC847PN-7-F	BC856B-13-F	BC857BV-13	BC858BW-7-F
BC846BW-7-F	BC847BVC-7	BC847PN-7R-F	BC856B-7-F	BC857BV-7	BC858C-7-F
BC847A-13-F	BC847BVC-7-F	BC848A-7-F	BC856BW-13-F	BC857BW-13-F	BC858CW-7-F
BC847A-7-F	BC847BVN-7	BC848AW-7-F	BC856BW-7-F	BC857BW-7-F	BC858BS-7-F
BC847AT-7-F	BC847BW-13-F	BC848B-13-F	BC857A-7-F	BC857C-13-F	BC858BV-7
BC847AW-7-F	BC847BW-7-F	BC848B-7-F	BC857AT-7-F		

**Table 11 – Add Phenitec ‘1st Fab’ as additional wafer source**

SMAZ5V1-13-F	SMAZ5V6-13-F				
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**Table 12 – Add Phenitec ‘1st Fab’ as additional wafer source and Add Diodes internal CAT as additional A/T site**

QZX363C15-7-F	QZX363C20-7-F	QZX363C6V8-7-F			
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**Table 13 – Add Phenitec ‘1st Fab’ as additional wafer source and Add LiteOn Semiconductor Corp. in HsinChu, Taiwan as additional wafer source**

DFLZ10-7	DFLZ16-7	DFLZ24-7	DFLZ33-7	DFLZ5V6-7	DFLZ7V5-7
DFLZ11-7	DFLZ18-7	DFLZ27-7	DFLZ36-7	DFLZ6V2-7	DFLZ8V2-7
DFLZ12-7	DFLZ20-7	DFLZ30-7	DFLZ5V1-7	DFLZ6V8-7	DFLZ9V1-7
DFLZ13-7	DFLZ22-7				