

BGA PREFORM REQUEST FOR QUOTE

Winslow Automation ♦ 905 Montague Expwy ♦ Milpitas, CA 95035 ♦ Phone: 408-262-9004 ♦ Fax: 408-956-0199

CUSTOMER INFORMATION

COMPANY _____	CONTACT _____
ADDRESS _____	PHONE _____
CITY, STATE, ZIP _____	FAX _____
_____	EMAIL _____
_____	QTY _____
_____	DATE _____

REQUIRED PACKAGE INFORMATION

Please specify the information below.

If the information below is not available, a \$100 reverse engineering fee will be required.

	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">DESCRIPTION</th> </tr> <tr> <td>FULL MATRIX:</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No (If no, attach drawing) <i>Indicate if drawing is TOP or BOTTOM view</i></td> </tr> <tr> <td>CAVITY DOWN (CENTER CUT):</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>BALL COUNT:</td> <td>_____</td> </tr> <tr> <td>b BALL SIZE:</td> <td> <input type="checkbox"/> 0.38 mm (0.015") <input type="checkbox"/> 0.61 mm (0.024") <input type="checkbox"/> 0.46 mm (0.018") <input type="checkbox"/> 0.635 mm (0.025") <input type="checkbox"/> 0.51 mm (0.020") <input type="checkbox"/> 0.76 mm (0.030") <input type="checkbox"/> 0.56 mm (0.022") <input type="checkbox"/> Other: _____ </td> </tr> <tr> <td>SOLDER ALLOY:</td> <td> <input type="checkbox"/> Sn63-Pb37 <input type="checkbox"/> Sn96.5-Ag3.0-Cu0.5 <input type="checkbox"/> OTHER If other, specify: _____ </td> </tr> <tr> <td>BALL MATRIX (MD) - # of columns:</td> <td>_____</td> </tr> <tr> <td>BALL MATRIX (ME)-# of rows:</td> <td>_____</td> </tr> <tr> <td>e PITCH:</td> <td>$e_D =$ _____ mm $e_E =$ _____ mm or <input type="checkbox"/> Variable</td> </tr> <tr> <td>D BODY SIZE:</td> <td>_____</td> </tr> <tr> <td>E BODY SIZE:</td> <td>_____</td> </tr> <tr> <td>D2 OFFSET:</td> <td>_____</td> </tr> <tr> <td>E2 OFFSET:</td> <td>_____</td> </tr> </table>	DESCRIPTION		FULL MATRIX:	<input type="checkbox"/> Yes <input type="checkbox"/> No (If no, attach drawing) <i>Indicate if drawing is TOP or BOTTOM view</i>	CAVITY DOWN (CENTER CUT):	<input type="checkbox"/> Yes <input type="checkbox"/> No	BALL COUNT:	_____	b BALL SIZE:	<input type="checkbox"/> 0.38 mm (0.015") <input type="checkbox"/> 0.61 mm (0.024") <input type="checkbox"/> 0.46 mm (0.018") <input type="checkbox"/> 0.635 mm (0.025") <input type="checkbox"/> 0.51 mm (0.020") <input type="checkbox"/> 0.76 mm (0.030") <input type="checkbox"/> 0.56 mm (0.022") <input type="checkbox"/> Other: _____	SOLDER ALLOY:	<input type="checkbox"/> Sn63-Pb37 <input type="checkbox"/> Sn96.5-Ag3.0-Cu0.5 <input type="checkbox"/> OTHER If other, specify: _____	BALL MATRIX (MD) - # of columns:	_____	BALL MATRIX (ME)-# of rows:	_____	e PITCH:	$e_D =$ _____ mm $e_E =$ _____ mm or <input type="checkbox"/> Variable	D BODY SIZE:	_____	E BODY SIZE:	_____	D2 OFFSET:	_____	E2 OFFSET:	_____
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<p>IMPORTANT DEFINITIONS:</p> <ol style="list-style-type: none"> 1. Symbol D equals the longest side of the package. 2. Symbol E equals the shortest side of the package. 3. Symbol MD is the number of rows/columns on the long side. 4. Symbol ME is the number of rows/columns on the short side. 5. D2 (Offset_D)= D-D1 6. E2 (Offset_E)= E-E1 																											

COMMENTS/SPECIAL INSTRUCTIONS: