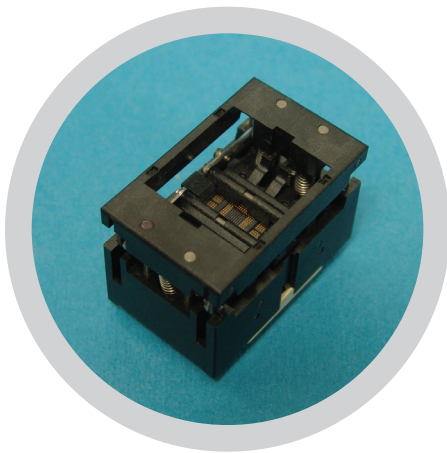




**0.4mm**

***Need a reliable fine pitch  
burn-in test socket?***

*Sensata can help you*



### Platform Overview

#### FBGAxxx-053

<b>Socket Envelope (mm)</b>	40 mm x 25 mm
<b>Package Array (max)</b>	28 x 28
<b>Package Size (max)</b>	14 mm x 14 mm
<b>Solder Ball Pb</b>	●
<b>Solder Ball Pb free</b>	●
<b>Interface BGA</b>	●
<b>Interface LGA</b>	●
<b>Current Rating</b>	0.25A/pin @125°C
<b>Contact Force</b>	Varied based on Pb or Pb-free solder balls (10-20 g/pin)
<b>Actuation Force</b>	1.2 kg to 5 kg
<b>Pkg. Insertion Force</b>	Zero Insertion Force
<b>Inductance</b>	Approx. 6nH @ 50 MHz
<b>Contact Resistance</b>	Initial: 150 mΩ (max) @10mA 10K cycles: 1Ω (max) @ 10mA
<b>Insulation Resistance</b>	1000 mΩ @ 500 VDC
<b>Dielectric Withstand Voltage</b>	For 1 minute @ 500 VAC
<b>Temperature</b>	-55°C to 150°C

# Sensata Technologies Interconnection Business Global Marketing and Sales Contacts



## China

**Cecilia Xue**  
No. 18 Chuangxin Avenue  
Xinbei District  
Changzhou, Jiangsu Province  
China 213031  
+86.519.85161119  
cecilia-xue@sensata.com



## Japan

**Toyokazu Ezura**  
Sumitomo Fudosan Bldg 4F  
8-15-17 Nishi-Shinjuku  
Shinjuku-ku, Tokyo  
Japan 160-0023  
+81.3.5338.1106  
ezura@sensata.com



## Singapore

**Vincent Toh**  
3 Bishan Place, #02-04  
CPF Building  
Singapore 579838  
+65.6478.6867  
vincenttoh@sensata.com



## USA - Northeast

**Beverly Wilkins**  
529 Pleasant St.  
MS B-29  
Attleboro, MA 02703  
USA  
+1.508.236.5216  
bwilkins@sensata.com



## Europe

**Teresa Jucha**  
529 Pleasant St.  
MS B-51  
Attleboro, MA 02703  
USA  
+1.508.236.5238  
tjucha@sensata.com



## Korea

**Ki-Hwan Nam**  
67-1 Sakok-Ri, Ewol-Myon  
JinCheon-Gun  
Chung Cheong Buk-Do  
Korea 365-823  
+82.434.539.6362  
k-nam1@sensata.com



## Taiwan

**Liew Han Way**  
7F, 163, Sec 1, Keelung Road  
Sin Yi District, Taipei  
Taiwan, R.O.C.  
+886.2.7602006 ext: 2808  
hanway.liew@sensata.com



## USA - Southwest

**Greg McCaskill**  
Dallas, TX  
USA  
+1.469.226.4572  
gregmc@sensata.com



## Europe

**Andrea Zampieri**  
Viale colleoni 15  
20041 Agrate Brianza  
Milano, Italy  
+39.039.6568.315  
a-zampieri@sensata.com



## USA - West

**Thomas Sutton**  
P.O. Box 320486  
Los Gatos, CA 95032  
USA  
1.408.356.0369  
tsutton@sensata.com



**Sensata  
Technologies**

[www.sensata.com](http://www.sensata.com)

Important Notice: Sensata Technologies reserves the right to make changes to or to discontinue any product or service identified in this publication without notice. Sensata Technologies advises its customers to obtain the latest version of the relevant information to verify, before placing orders, that the information being relied upon is current. Sensata Technologies assumes no responsibility for infringement of patents or rights of others based on Sensata Technologies applications assistance or product specifications since Sensata Technologies does not possess full access concerning the use or application of customers' products. Sensata Technologies also assumes no responsibility for customers' product designs.

The World Depends on Sensors and Controls

© 2008 Sensata Technologies  
Printed in U.S.A., Reprinted 2/08, 1K