



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Sn96.5/Ag3.0/Cu0.5 Solder Spheres for BGAs

### Product Highlights

Chip Quik® BGA solder spheres are manufactured from virgin materials to meet or exceed the requirements of building or repairing BGA packages. Chip Quik® BGA solder spheres also exceed both the IPC and MIL standards for purity levels and size tolerances. Nominal sizes are available from 8 to 30 mil.

### Product Specifications

Part Number	Alloy	Melting Point	Diameter	Quantity (by weight)
SMD2016	Sn96.5/Ag3.0/Cu0.5	217-220°C (423-428°F)	0.008" (0.2mm)	250,000
SMD2016-25000				25,000
SMD2020			0.010" (0.25mm)	250,000
SMD2020-25000				25,000
SMD2024			0.012" (0.3mm)	250,000
SMD2024-25000				25,000
SMD2028			<b>0.014" (0.35mm)</b>	250,000
<b>SMD2028-25000</b>				<b>25,000</b>
SMD2032			0.016" (0.4mm)	250,000
SMD2032-25000				25,000
SMD2036			0.018" (0.45mm)	250,000
SMD2036-25000				25,000
SMD2040			0.020" (0.5mm)	250,000
SMD2040-25000				25,000
SMD2050			0.024" (0.6mm)	250,000
SMD2050-25000				25,000
SMD2055			0.025" (0.63mm)	250,000
SMD2055-25000				25,000
SMD2060			0.030" (0.76mm)	250,000
SMD2060-25000				25,000

Shelf Life: >24 months

### Test Results

Test J-STD-004 or other requirements as stated	Test Requirement	Result
Conflict Minerals Compliance	Electronic Industry Citizenship Coalition (EICC)	Compliant
REACH Compliance	Articles 33 and 67 of Regulation (EC) No 1907/2006	Contains no substance >0.1% w/w that is listed as a SVHC or restricted for use in solder materials

### Conforms to the following Industry Standards:

J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders):  
RoHS 2 Directive 2011/65/EU:

Yes  
Yes (Sn96.5/Ag3.0/Cu0.5) /  
No (Sn63/Pb37)

## Additional Alloys Available

Part Number	Alloy	Melting Point	Diameter	Quantity (by weight)
SMD2140	Sn63/Pb37	183°C (361°F)	0.008" (0.2mm)	250,000
SMD2140-25000				25,000
SMD2150			0.010" (0.25mm)	250,000
SMD2150-25000				25,000
SMD2165			0.012" (0.3mm)	250,000
SMD2165-25000				25,000
SMD2170			0.014" (0.35mm)	250,000
SMD2170-25000				25,000
SMD2180			0.016" (0.4mm)	250,000
SMD2180-25000				25,000
SMD2185			0.018" (0.45mm)	250,000
SMD2185-25000				25,000
SMD2190			0.020" (0.5mm)	250,000
SMD2190-25000				25,000
SMD2195			0.022" (0.55mm)	250,000
SMD2195-25000				25,000
SMD2200			0.024" (0.6mm)	250,000
SMD2200-25000				25,000
SMD2205			0.025" (0.63mm)	250,000
SMD2205-25000				25,000
SMD2215	0.030" (0.76mm)	250,000		
SMD2215-25000		25,000		