



100% Material Declaration Data Sheet CSG484

PK231 (v1.0) November 27, 2007

Material Declaration Data Sheet

Average Weight: 1.3302 g

Component	Substance Description	CAS# or Description	% of Component	Use in Product	Component Weight/ Substance Weight (in grams)	Component % of Total
Silicon Die					0.0724	5.44%
	Silicon	7440-21-3	100.00		0.0724	
Die Attach					0.0073	0.55%
	Resin		22.00		0.0016	
	Silver	7440-22-4	78.00		0.0057	
Mold Compound					0.4473	33.62%
	Resin	N/A	12.00		0.0537	
	SiO2	60676-86-0	88.00		0.3936	
Laminate					0.5963	44.83%
	Laminate	N/A			0.3159	
	Solder Mask	N/A			0.0346	
	Copper	7440-50-8		Metal Layer	0.2309	
	Nickel	7440-02-0		Metal Layer	0.0126	
	Gold	7440-57-5		Metal Layer	0.0023	
Wire					0.0122	0.92%
	Gold	7440-57-5		Metal Layer	0.0122	
Solder Balls					0.2303	14.64%
	Tin	7440-31-5	95.50		0.1859	
	Silver	7440-22-4	4.00		0.0078	
	Copper	7440-50-8	0.50		0.0010	

Revision History

The following table shows the revision history for this document.

Date	Revision	Revision
11/27/07	1.0	Initial release.