



PK760 (v1.0) June 12, 2015

# 100% Material Declaration Data Sheet for 7 Series CS325 Package

**Average Weight: 0.6730 g**

Component	Substance Description	CAS Number or Description	Percentage of Component	Use in Product	Component Weight/ Substance Weight (grams)	Component Percent of Total
Silicon Die					<b>0.027377</b>	<b>4.068</b>
	Silicon	7440-21-3	100.00		0.027377	
Die Attach					<b>0.008562</b>	<b>1.272</b>
	Silver	7440-22-4	77.50		0.006636	
	Bismaleimide monomer	Trade Secret	15.00		0.001284	
	Acrylate monomer	Trade Secret	7.50		0.000642	
Mold Compound					<b>0.285271</b>	<b>42.388</b>
	Epoxy Resin	Trade secret	5.00		0.014264	
	Phenol Resin	Trade secret	3.00		0.008558	
	Phenol Novolac	9003-35-4	3.00		0.008558	
	Metal Hydroxide	Trade Secret	3.00		0.008558	
	Carbon black	1333-86-4	0.30		0.000856	
	Silica fused	60676-86-0	70.40		0.200830	
	Silica Dioxide	7631-86-9	15.00		0.042791	
	Silica, crystalline	14808-60-7	0.30		0.000856	
Copper Wire					<b>0.004921</b>	<b>0.731</b>
	Copper	7440-50-8	98.20		0.004832	
	Palladium	7440-05-3	1.80		0.000089	
Solder Ball					<b>0.114184</b>	<b>16.966</b>
	Tin	7440-31-5	63.00		0.071936	
	Lead	7439-92-1	37.00		0.042248	

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Component	Substance Description	CAS Number or Description	Percentage of Component	Use in Product	Component Weight/ Substance Weight (grams)	Component Percent of Total
<b>Substrate</b>					<b>0.232687</b>	<b>34.575</b>
	Copper	7440-50-8	15.70		0.036532	
	Nickel	7440-02-0	6.80		0.015823	
	Gold	7440-57-5	0.81		0.001885	
	Glass fiber	65997-17-3	20.14		0.046863	
	Non halogen fire retardant	NA	0.01		0.000023	
	BT core	105391-33-1 25722-66-1 9003-36-5 21645-51-2 7440-50-8	46.11		0.107292	
Solder mask	147-14-8 7727-43-7 7631-86-9 14807-96-6 112-15-2 34590-94-8 103429-90-9 64742-94-5 25551-13-7	10.43		0.024269		

## Revision History

The following table shows the revision history for this document.

Date	Version	Description of Revisions
06/12/2014	1.0	Xilinx Initial Release

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