



## Material Content Data Sheet

<b>Umbrella Spec</b>	Econo 2 C							
<b>Date</b>	2012-1-20		<b>RoHS compliant</b>		Yes			
<b>Revision</b>	3.0							
<b>Construction element</b>	<b>Material group</b>	<b>Materials</b>	<b>CAS-Nr. if applicable</b>	<b>Average mass [%]*</b>	<b>Sum [%]</b>	<b>Traces</b>	<b>Comment</b>	
chip	inorganic material	silicon	7440-21-3	0,2	0,2			
Base plate and substrate including metallisation	non noble metal	copper	7440-50-8	61	66			
	inorganic material	aluminium oxid	1344-28-1	1,6				
	non noble metal	tin	7440-31-5	0,9				
	noble metal	silver	7440-22-4	0,2				
	non noble metal	nickel	7440-02-0				X	
	non noble metal	magnesium	7439-95-4				X	
	non noble metal	cobalt	7440-48-4				X	
	non noble metal	copper zink alloy		2,3				
wire	non noble metal	aluminium	7429-90-5			X		
encapsulation	polymers	silicone gel		8,1	8,1			
housing	polymers	PBT		12,7	22			
	inorganic material	antimonytrioxide	1309-64-4	1,3				
	plastics	brominated resin		0,9				
	plastics	chlorinated resin		0,6				
	inorganic material	silicondioxide / glasfiber		6,5				
lead, finish and plating	non noble metal	copper	7440-50-8	3,6	3,6			
	non noble metal	tin	7440-31-5				X	
	noble metal	silver	7440-22-4				X	
	non noble metal	nickel	7440-02-0				X	
smd (including thermistors, resistors and shunts)	inorganic material	lead oxide	1317-36-8	0,05	0,05		RoHS compliant	
	non noble metal	copper	7440-50-8				X	
	non noble metal	tin	7440-31-5				X	
	noble metal	silver	7440-22-4				X	
deviation	<25%			Sum in total	100			

Weight range of product	<b>183,5</b>
Fluctuation margin	<25%

\*) related to component weight

\*\*) Weight of particular product, see technical product information

### Important Remarks:

- 1) This document provides full declaration of all materials present in Infineon products above a threshold of 0,1 % b.w. (1000 ppm).
- 2) Trace concentrations (i.e. < 0,1 % b.w) present in products are marked with an "X" as far as they represent substances-of-concern.  
A list of substances-of-concern can be found at <http://www.infineon.com/soc>.
- 3) All statements are based on our present knowledge and are subject to change at any time due to technical requirements and development.

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