



Material Content Data Sheet

Umbrella Spec	34 mm								
Date	2012-03-19				RoHS compliant	Yes			
Revision	3.0								
Construction element	Material group	Materials	CAS-Nr. if applicable	Average mass [%]*	Sum [%]	Traces	Comment		
chip	inorganic material	silicon	7440-21-3	0,15	0,15				
Base plate and substrate including metallisation	non noble metal	copper	7440-50-8	38,62	45,94				
	inorganic material	aluminium oxid	1344-28-1	6,56					
	non noble metal	tin	7440-31-5	0,76					
	noble metal	silver	7440-22-4			X			
	non noble metal	nickel	7440-02-0			X			
wire	non noble metal	aluminium	7429-90-5			X			
encapsulation	polymers	silicone gel		5,54	5,54				
housing	polymers	PBT		9,96	17,46				
	inorganic material	antimonytrioxide	1309-64-4	1,05					
	plastics	brominated resin		0,72					
	plastics	chlorinated resin		0,49					
	inorganic material	silicondioxide / glasfiber		5,24					
lead, finish and plating	non noble metal	copper	7440-50-8	29,01	30,91				
	ferrous metal	steel		1,90					
	non noble metal	zinc	7440-66-6			X			
	non noble metal	tin	7440-31-5			X			
	noble metal	silver	7440-22-4			X			
	non noble metal	nickel	7440-02-0			X			
deviation	<25%				Sum in total	100,00			

Weight range of product	160
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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