



Material Content Data Sheet

Umbrella Spec		Econo 2 C					
Date		19.11.2018			RoHS compliant		Yes
Revision		3.1					
Construction element	Material group	Materials	CAS-Nr. if applicable	Average mass [%]*	Sum [%]	Traces	Comment
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, according to exception 7c.I
	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	183,5 g
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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