



Material Content Data Sheet



Sales Product Name		SP370-23-156-0		Issued		23. January 2018		
MA#		MA001187826						
Package		PG-DSOSP-14-64		Weight*		626.81 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	12.623	2.01	2.01	20139	20139
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		70	
	non noble metal	zinc	7440-66-6	0.176	0.03		280	
	non noble metal	iron	7439-89-6	3.511	0.56		5602	
wire	non noble metal	copper	7440-50-8	142.572	22.75	23.35	227455	233407
	noble metal	gold	7440-57-5	0.941	0.15	0.15	1501	1501
	encapsulation	organic material	carbon black	1333-86-4	0.905	0.14		1444
encapsulation	plastics	epoxy resin	-	48.882	7.80		77985	
	inorganic material	silicondioxide	60676-86-0	402.821	64.27	72.21	642650	722079
	leadfinish	non noble metal	tin	7440-31-5	4.526	0.72	0.72	7220
plating	noble metal	silver	7440-22-4	2.637	0.42	0.42	4206	4206
globetop	plastics	silicone resin	-	3.155	0.50	0.50	5033	5033
glue	plastics	maleimide resin	-	0.804	0.13		1283	
	noble metal	silver	7440-22-4	3.217	0.51	0.64	5132	6415
*deviation	< 10%				Sum in total:		100.00	1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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