



## Material Content Data Sheet



<b>Sales Product Name</b>	SP370-23-156-0			<b>Issued</b>	22. January 2018			
<b>MA#</b>	MA001823732							
<b>Package</b>	PG-DSOSP-14-64			<b>Weight*</b>	635.06 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	18.683	2.94	2.94	29419	29419
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		69	
	non noble metal	zinc	7440-66-6	0.176	0.03		276	
	non noble metal	iron	7439-89-6	3.511	0.55		5529	
wire	non noble metal	copper	7440-50-8	142.572	22.45	23.04	224501	230375
	noble metal	gold	7440-57-5	0.872	0.14	0.14	1373	1373
	encapsulation	organic material	carbon black	1333-86-4	0.905	0.14		1425
encapsulation	plastics	silicone resin	-	3.390	0.53		5339	
	plastics	epoxy resin	-	48.882	7.70		76972	
	inorganic material	silicondioxide	60676-86-0	402.821	63.43	71.80	634305	718041
leadfinish	non noble metal	tin	7440-31-5	4.526	0.71	0.71	7126	7126
plating	noble metal	silver	7440-22-4	2.637	0.42	0.42	4152	4152
glue	plastics	maleimide resin	-	1.208	0.19		1903	
	noble metal	silver	7440-22-4	4.833	0.76	0.95	7611	9514
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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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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