



## Material Content Data Sheet



<b>Sales Product Name</b>		SP370-25-116-0		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001731456						
<b>Package</b>		PG-DSOSP-14-64		<b>Weight*</b>		598.89 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	6.564	1.10	1.10	10960	10960
chip_2	inorganic material	silicon	7440-21-3	6.059	1.01	1.01	10118	10118
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		73	
	non noble metal	zinc	7440-66-6	0.176	0.03		293	
	non noble metal	iron	7439-89-6	3.511	0.59		5863	
wire	non noble metal	copper	7440-50-8	142.572	23.81	24.44	238058	244287
	noble metal	gold	7440-57-5	0.941	0.16	0.16	1571	1571
	encapsulation	organic material	carbon black	1333-86-4	0.835	0.14		1394
encapsulation	plastics	silicone resin	-	10.486	1.75		17509	
	plastics	epoxy resin	-	45.075	7.53		75263	
	inorganic material	silicondioxide	60676-86-0	371.448	62.00	71.42	620225	714391
leadfinish	non noble metal	tin	7440-31-5	4.526	0.76	0.76	7557	7557
plating	noble metal	silver	7440-22-4	2.637	0.44	0.44	4402	4402
glue	plastics	maleimide resin	-	0.804	0.13		1343	
	noble metal	silver	7440-22-4	3.217	0.54	0.67	5371	6714
*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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