



Material Content Data Sheet



Sales Product Name	SP370-25-116-0			Issued	24. January 2018			
MA#	MA001731456							
Package	PG-DSOSP-14-64			Weight*	626.84 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	20138	20138
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		5601	
	non noble metal	copper	7440-50-8	142.572	22.74	23.34	227444	233395
wire	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	
	plastics	silicone resin	-	3.185	0.51		5081	
	plastics	epoxy resin	-	48.882	7.80		77981	
	inorganic material	silicondioxide	60676-86-0	402.821	64.27	72.72	642620	727126
leadfinish	non noble metal	tin	7440-31-5	4.526	0.72	0.72	7220	7220
plating	noble metal	silver	7440-22-4	2.637	0.42	0.42	4206	4206
glue	plastics	maleimide resin	-	0.804	0.13		1283	
	noble metal	silver	7440-22-4	3.217	0.51	0.64	5131	6414
*deviation	< 10%			Sum in total:		100.00		1000000

Important Remarks:

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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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