



## Material Content Data Sheet



<b>Sales Product Name</b>		SPA07N60C3		<b>Issued</b>		2. August 2018			
<b>MA#</b>		MA001507678							
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2106.92 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	4.883	0.23	0.23	2317	2317	
leadframe	non noble metal	iron	7439-89-6	1.202	0.06		571		
	inorganic material	phosphorus	7723-14-0	0.361	0.02		171		
	non noble metal	copper	7440-50-8	1200.685	56.99	57.07	569878	570620	
wire	non noble metal	aluminium	7429-90-5	8.058	0.38	0.38	3824	3824	
encapsulation	organic material	carbon black	1333-86-4	8.811	0.42		4182		
	plastics	epoxy resin	-	140.972	6.69		66909		
	inorganic material	silicondioxide	60676-86-0	731.292	34.71	41.82	347091	418182	
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3744	3744	
solder	non noble metal	antimony	7440-36-0	0.277	0.01		131		
	noble metal	silver	7440-22-4	0.692	0.03		328		
	non noble metal	tin	7440-31-5	1.799	0.09	0.13	854	1313	
*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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