



## Material Content Data Sheet



<b>Sales Product Name</b>		SPA15N60C3		<b>Issued</b>		28. September 2016			
<b>MA#</b>		MA001507258							
<b>Package</b>		PG-TO220-3-317		<b>Weight*</b>		2108.10 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	9.195	0.44	0.44	4362	4362	
leadframe	non noble metal	iron	7439-89-6	1.202	0.06		570		
	inorganic material	phosphorus	7723-14-0	0.361	0.02		171		
	non noble metal	copper	7440-50-8	1200.685	56.95	57.03	569559	570300	
wire	non noble metal	aluminium	7429-90-5	30.149	1.43	1.43	14302	14302	
encapsulation	organic material	carbon black	1333-86-4	8.543	0.41		4052		
	plastics	epoxy resin	-	136.686	6.48		64839		
	inorganic material	silicondioxide	60676-86-0	709.061	33.64	40.53	336352	405243	
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3742	3742	
solder	non noble metal	antimony	7440-36-0	0.432	0.02		205		
	noble metal	silver	7440-22-4	1.081	0.05		513		
	non noble metal	tin	7440-31-5	2.811	0.13	0.20	1333	2051	
*deviation	< 10%					Sum in total:	100.00		1000000

### Important Remarks:

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