



## Material Content Data Sheet



<b>Sales Product Name</b>	SPA07N60C3			<b>Issued</b>	10. May 2016			
<b>MA#</b>	MA001060928							
<b>Package</b>	PG-TO220-3-111			<b>Weight*</b>	2245.09 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	0.22	0.22	2175	2175
leadframe	non noble metal	iron	7439-89-6	0.687	0.03		306	
	inorganic material	phosphorus	7723-14-0	0.206	0.01		92	
	non noble metal	copper	7440-50-8	686.221	30.57	30.61	305654	306052
wire	non noble metal	aluminium	7429-90-5	7.058	0.31	0.31	3144	3144
encapsulation	organic material	carbon black	1333-86-4	2.240	0.10		998	
	plastics	epoxy resin	-	207.619	9.25		92477	
	inorganic material	silicondioxide	60676-86-0	892.491	39.75	49.10	397529	491005
leadfinish	non noble metal	tin	7440-31-5	7.942	0.35	0.35	3537	3537
plating	non noble metal	nickel	7440-02-0	0.305	0.01		136	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	136
solder	non noble metal	antimony	7440-36-0	0.276	0.01		123	
	noble metal	silver	7440-22-4	0.691	0.03		308	
	non noble metal	tin	7440-31-5	1.796	0.08	0.12	800	1231
heatspreader	non noble metal	iron	7439-89-6	0.433	0.02		193	
	inorganic material	phosphorus	7723-14-0	0.130	0.01		58	
	non noble metal	copper	7440-50-8	432.110	19.25	19.28	192469	192720
*deviation	< 10%			Sum in total:		100.00		1000000

### Important Remarks:

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