



## Material Content Data Sheet



<b>Sales Product Name</b>		SPU07N60C3		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000851458						
<b>Package</b>		PG-TO251-3-21		<b>Weight*</b>		352.33 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	1.39	1.39	13858	13858
leadframe	non noble metal	tin	7440-31-5	0.273	0.08		776	
	non noble metal	copper	7440-50-8	181.882	51.63	51.71	516229	517005
wire	non noble metal	aluminium	7429-90-5	1.257	0.36	0.36	3567	3567
encapsulation	organic material	carbon black	1333-86-4	1.316	0.37		3735	
	inorganic material	antimonytrioxide	1309-64-4	2.751	0.78		7809	
	plastics	brominated resin	-	3.110	0.88		8828	
	plastics	epoxy resin	-	22.729	6.45		64509	
	inorganic material	silicondioxide	60676-86-0	89.718	25.46	33.94	254643	339524
leadfinish	non noble metal	tin	7440-31-5	3.976	1.13	1.13	11284	11284
plating	non noble metal	nickel	7440-02-0	0.344	0.10	0.10	977	977
solder	noble metal	silver	7440-22-4	0.098	0.03		278	
	non noble metal	tin	7440-31-5	0.078	0.02		222	
	non noble metal	lead	7439-92-1	3.742	1.06	1.11	10622	11122
heatspreader	inorganic material	phosphorus	7723-14-0	0.011	0.00		31	
	non noble metal	iron	7439-89-6	0.036	0.01		103	
	non noble metal	copper	7440-50-8	36.124	10.25	10.26	102529	102663
*deviation	< 10%		Sum in total:			100,00		1000000

### Important Remarks:

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