



## Material Content Data Sheet



<b>Sales Product Name</b>				IPB027N10N3 G		<b>Issued</b>		29. August 2013	
<b>MA#</b>				MA000801042					
<b>Package</b>				PG-TO263-3-2		<b>Weight*</b>		1564.99 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	15.455	0.99	0.99	9875	9875	
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		58		
	non noble metal	iron	7439-89-6	0.304	0.02		194		
	non noble metal	copper	7440-50-8	304.026	19.43	19.46	194266	194519	
	non noble metal	aluminium	7429-90-5	10.857	0.69	0.69	6938	6938	
wire	non noble metal	aluminium	7429-90-5	10.857	0.69	0.69	6938	6938	
encapsulation	organic material	carbon black	1333-86-4	10.030	0.64		6409		
	plastics	epoxy resin	-	110.330	7.05		70498		
	inorganic material	silicondioxide	60676-86-0	548.305	35.03	42.72	350359	427264	
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6170	6170	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	146	
solder	non noble metal	tin	7440-31-5	0.147	0.01		94		
	noble metal	silver	7440-22-4	0.183	0.01		117		
	non noble metal	lead	7439-92-1	7.001	0.45	0.47	4474	4684	
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105		
	non noble metal	iron	7439-89-6	0.548	0.04		350		
	non noble metal	copper	7440-50-8	547.666	34.99	35.04	349947	350403	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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