



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI90R340C3		<b>Issued</b>		22. January 2018	
<b>MA#</b>				MA000669514					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1572.82 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	13.276	0.84	0.84	8441	8441	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	54.03	54.10	540227	540931	
wire	non noble metal	aluminium	7429-90-5	2.729	0.17	0.17	1735	1735	
encapsulation	organic material	carbon black	1333-86-4	5.786	0.37		3679		
	plastics	epoxy resin	-	109.929	6.99		69893		
	inorganic material	silicondioxide	60676-86-0	462.859	29.43	36.79	294285	367857	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9663	9663	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145	
solder	non noble metal	antimony	7440-36-0	0.568	0.04		361		
	noble metal	silver	7440-22-4	1.420	0.09		903		
	non noble metal	tin	7440-31-5	3.693	0.23	0.36	2348	3612	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67528	67616	
*deviation	< 10%					Sum in total:	100.00	1000000	

### Important Remarks:

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