



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI90R340C3		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001639332						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1567.91 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	0.85	0.85	8467	8467
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		543	
	non noble metal	copper	7440-50-8	849.682	54.18	54.25	541918	542624
	non noble metal	aluminium	7429-90-5	2.679	0.17	0.17	1709	1709
wire	non noble metal	aluminium	7429-90-5	2.679	0.17	0.17	1709	1709
encapsulation	organic material	carbon black	1333-86-4	2.289	0.15		1460	
	plastics	epoxy resin	-	66.385	4.23		42340	
	inorganic material	silicondioxide	60676-86-0	503.610	32.12	36.50	321198	364998
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9693	9693
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1053	1053
solder	non noble metal	antimony	7440-36-0	0.569	0.04		363	
	noble metal	silver	7440-22-4	1.422	0.09		907	
	non noble metal	tin	7440-31-5	3.697	0.24	0.37	2358	3628
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67740	67828
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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