



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI90R500C3		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001639336						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1566.48 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	9.945	0.63	0.63	6349	6349
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		543	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.24	54.31	542415	543121
wire	non noble metal	aluminium	7429-90-5	2.656	0.17	0.17	1696	1696
encapsulation	organic material	carbon black	1333-86-4	2.301	0.15		1469	
	plastics	epoxy resin	-	66.733	4.26		42600	
	inorganic material	silicondioxide	60676-86-0	506.248	32.32	36.73	323175	367244
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9702	9702
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	non noble metal	antimony	7440-36-0	0.461	0.03		294	
	noble metal	silver	7440-22-4	1.153	0.07		736	
	non noble metal	tin	7440-31-5	2.998	0.19	0.29	1914	2944
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	6.78	6.79	67802	67890
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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