



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI50R250CP		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA000904470					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1570.19 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	7.183	0.46	0.46	4574	4574	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	copper	7440-50-8	849.682	54.12	54.19	541132	541838	
wire	non noble metal	aluminium	7429-90-5	2.662	0.17	0.17	1696	1696	
encapsulation	organic material	carbon black	1333-86-4	5.842	0.37		3720		
	plastics	epoxy resin	-	110.990	7.07		70686		
	inorganic material	silicondioxide	60676-86-0	467.328	29.76	37.20	297624	372030	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9679	9679	
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	0.362	0.02		231		
	noble metal	silver	7440-22-4	0.906	0.06		577		
	non noble metal	tin	7440-31-5	2.356	0.15	0.23	1501	2309	
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	6.76	6.77	67641	67729	
*deviation	< 10%					Sum in total:	100.00	1000000	

### Important Remarks:

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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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