



## Material Content Data Sheet



<b>Sales Product Name</b>		IPZ65R095C7		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001085032						
<b>Package</b>		PG-TO247-4-1		<b>Weight*</b>		6167.86 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	7.800	0.13	0.13	1265	1265
leadframe	non noble metal	iron	7439-89-6	2.890	0.05		468	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	copper	7440-50-8	2885.760	46.78	46.84	467870	468479
wire	non noble metal	aluminium	7429-90-5	33.568	0.54	0.54	5442	5442
encapsulation	organic material	carbon black	1333-86-4	19.836	0.32		3216	
	plastics	epoxy resin	-	376.881	6.11		61104	
	inorganic material	silicondioxide	60676-86-0	1586.867	25.73	32.16	257280	321600
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3743	3743
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.385	0.01		62	
	noble metal	silver	7440-22-4	0.963	0.02		156	
	non noble metal	tin	7440-31-5	2.505	0.04	0.07	406	624
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		199	
	non noble metal	copper	7440-50-8	1222.919	19.83	19.86	198273	198532
*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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