



## Material Content Data Sheet



<b>Sales Product Name</b>		IPZ65R065C7		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA001083356						
<b>Package</b>		PG-TO247-4-1		<b>Weight*</b>		6173.01 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	10.944	0.18	0.18	1773	1773
leadframe	non noble metal	iron	7439-89-6	2.890	0.05		468	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		140	
	non noble metal	copper	7440-50-8	2885.760	46.74	46.80	467481	468089
wire	non noble metal	aluminium	7429-90-5	65.998	1.07	1.07	10691	10691
encapsulation	organic material	carbon black	1333-86-4	19.520	0.32		3162	
	plastics	epoxy resin	-	370.884	6.01		60082	
	inorganic material	silicondioxide	60676-86-0	1561.617	25.30	31.63	252975	316219
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3740	3740
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.498	0.01		81	
	noble metal	silver	7440-22-4	1.246	0.02		202	
	non noble metal	tin	7440-31-5	3.239	0.05	0.08	525	808
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		198	
	non noble metal	copper	7440-50-8	1222.919	19.81	19.84	198107	198365
*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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