



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI65R600C6		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001709470						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1563.11 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	3.294	0.21	0.21	2107	2107
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		544	
	non noble metal	copper	7440-50-8	849.682	54.37	54.44	543587	544294
	non noble metal	aluminium	7429-90-5	0.698	0.04	0.04	446	446
wire	non noble metal	aluminium	7429-90-5	0.698	0.04	0.04	446	446
encapsulation	organic material	carbon black	1333-86-4	2.332	0.15		1492	
	plastics	epoxy resin	-	67.632	4.33		43268	
	inorganic material	silicondioxide	60676-86-0	513.069	32.82	37.30	328237	372997
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9723	9723
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.210	0.01		134	
	noble metal	silver	7440-22-4	0.524	0.03		335	
	non noble metal	tin	7440-31-5	1.363	0.09	0.13	872	1341
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	6.79	6.80	67948	68036
*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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