



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI65R380C6		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001645436						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1563.91 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	4.901	0.31	0.31	3134	3134
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	54.34	54.41	543305	544012
	non noble metal	aluminium	7429-90-5	0.704	0.04	0.04	450	450
wire	non noble metal	aluminium	7429-90-5	0.704	0.04	0.04	450	450
encapsulation	organic material	carbon black	1333-86-4	2.326	0.15		1487	
	plastics	epoxy resin	-	67.460	4.31		43135	
	inorganic material	silicondioxide	60676-86-0	511.766	32.72	37.18	327235	371857
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9718	9718
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.277	0.02		177	
	noble metal	silver	7440-22-4	0.693	0.04		443	
	non noble metal	tin	7440-31-5	1.801	0.12	0.18	1152	1772
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	67913	68001
*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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