



Material Content Data Sheet



Sales Product Name				IPI60R380C6		Issued		9. January 2019	
MA#				MA000925356					
Package				PG-TO262-3-1		Weight*		1568.73 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	4.522	0.29	0.29	2883	2883	
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	iron	7439-89-6	0.851	0.05		542		
	non noble metal	copper	7440-50-8	849.682	54.16	54.23	541636	542341	
	non noble metal	aluminium	7429-90-5	0.704	0.04	0.04	448	448	
wire	non noble metal	aluminium	7429-90-5	0.704	0.04	0.04	448	448	
encapsulation	organic material	carbon black	1333-86-4	5.883	0.38		3750		
	plastics	epoxy resin	-	111.784	7.13		71258		
	inorganic material	silicondioxide	60676-86-0	470.669	30.00	37.51	300032	375040	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9688	9688	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147	
solder	non noble metal	antimony	7440-36-0	0.261	0.02		166		
	noble metal	silver	7440-22-4	0.652	0.04		415		
	non noble metal	tin	7440-31-5	1.694	0.11	0.17	1080	1661	
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	6.77	6.78	67704	67792	
*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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