



Material Content Data Sheet



Sales Product Name		IPI60R380C6		Issued		1. August 2018		
MA#		MA001698532						
Package		PG-TO262-3-22		Weight*		1563.72 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	2892	2892
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	54.33	54.40	543373	544080
	non noble metal	aluminium	7429-90-5	0.691	0.04	0.04	442	442
wire	non noble metal	aluminium	7429-90-5	0.691	0.04	0.04	442	442
encapsulation	organic material	carbon black	1333-86-4	2.328	0.15		1489	
	plastics	epoxy resin	-	67.502	4.32		43167	
	inorganic material	silicondioxide	60676-86-0	512.083	32.75	37.22	327477	372133
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9719	9719
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.261	0.02		167	
	noble metal	silver	7440-22-4	0.652	0.04		417	
	non noble metal	tin	7440-31-5	1.696	0.11	0.17	1085	1669
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	67921	68009
*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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