



Material Content Data Sheet



Sales Product Name				IPI60R099CP		Issued		25. September 2017	
MA#				MA000848632					
Package				PG-TO262-3-1		Weight*		1576.79 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	15.501	0.98	0.98	9831	9831	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		540		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.89	53.96	538869	539572	
wire	non noble metal	aluminium	7429-90-5	26.873	1.70	1.70	17043	17043	
encapsulation	organic material	carbon black	1333-86-4	5.552	0.35		3521		
	plastics	epoxy resin	-	105.485	6.69		66898		
	inorganic material	silicondioxide	60676-86-0	444.146	28.17	35.21	281678	352097	
leadfinish	non noble metal	tin	7440-31-5	15.388	0.98	0.98	9759	9759	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145	
solder	non noble metal	antimony	7440-36-0	0.648	0.04		411		
	noble metal	silver	7440-22-4	1.619	0.10		1027		
	non noble metal	tin	7440-31-5	4.210	0.27	0.41	2670	4108	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		67		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.74	6.75	67358	67445	
*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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