



Material Content Data Sheet



Sales Product Name		IPI60R099CP		Issued		20. July 2018		
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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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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