



Material Content Data Sheet



Sales Product Name				IPI60R099CPA		Issued		17. January 2017	
MA#				MA000779404					
Package				PG-TO262-3-1		Weight*		1580.57 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	12.330	0.78	0.78	7801	7801	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		538		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		161		
	non noble metal	copper	7440-50-8	849.682	53.76	53.83	537579	538279	
wire	non noble metal	aluminium	7429-90-5	27.763	1.76	1.76	17565	17565	
encapsulation	organic material	carbon black	1333-86-4	8.402	0.53		5316		
	plastics	epoxy resin	-	92.426	5.85		58476		
	inorganic material	silicondioxide	60676-86-0	459.329	29.06	35.44	290610	354402	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9615	9615	
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	noble metal	silver	7440-22-4	0.194	0.01		123		
	non noble metal	tin	7440-31-5	0.155	0.01		98		
	non noble metal	lead	7439-92-1	7.409	0.47	0.49	4688	4909	
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	6.72	6.73	67197	67284	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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