



Material Content Data Sheet



Sales Product Name				IPI60R299CP		Issued		25. September 2017	
MA#				MA000602868					
Package				PG-TO262-3-1		Weight*		1571.19 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	6.215	0.40	0.40	3955	3955	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	54.08	54.15	540788	541492	
wire	non noble metal	aluminium	7429-90-5	13.412	0.85	0.85	8536	8536	
encapsulation	organic material	carbon black	1333-86-4	5.755	0.37		3663		
	plastics	epoxy resin	-	109.351	6.96		69598		
	inorganic material	silicondioxide	60676-86-0	460.426	29.30	36.63	293043	366304	
leadfinish	non noble metal	tin	7440-31-5	15.388	0.98	0.98	9794	9794	
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	0.328	0.02		209		
	noble metal	silver	7440-22-4	0.820	0.05		522		
	non noble metal	tin	7440-31-5	2.132	0.14	0.21	1357	2088	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.76	6.77	67598	67686	
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com