



Material Content Data Sheet



Sales Product Name		IPA60R1K5CE		Issued		24. January 2018		
MA#		MA001434314						
Package		PG-TO220-3-312		Weight*		2056.05 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	1.624	0.08	0.08	790	790
leadframe	non noble metal	iron	7439-89-6	0.949	0.05		461	
	inorganic material	phosphorus	7723-14-0	0.285	0.01		138	
	non noble metal	copper	7440-50-8	947.445	46.07	46.13	460808	461407
wire	non noble metal	aluminium	7429-90-5	0.815	0.04	0.04	396	396
encapsulation	organic material	carbon black	1333-86-4	10.924	0.53		5313	
	plastics	epoxy resin	-	174.779	8.50		85007	
	inorganic material	silicondioxide	60676-86-0	906.666	44.10	53.13	440975	531295
leadfinish	non noble metal	tin	7440-31-5	11.234	0.55	0.55	5464	5464
solder	non noble metal	antimony	7440-36-0	0.133	0.01		65	
	noble metal	silver	7440-22-4	0.333	0.02		162	
	non noble metal	tin	7440-31-5	0.866	0.04	0.07	421	648
*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

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