



Material Content Data Sheet



Sales Product Name				IPA60R125P6		Issued		4. July 2019	
MA#				MA005340466					
Package				PG-TO220-3-111		Weight*		2234.96 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	12.221	0.55	0.55	5468	5468	
leadframe	inorganic material	phosphorus	7723-14-0	0.206	0.01		92		
	non noble metal	iron	7439-89-6	0.687	0.03		307		
	non noble metal	copper	7440-50-8	686.221	30.70	30.74	307040	307439	
	non noble metal	aluminium	7429-90-5	2.706	0.12	0.12	1211	1211	
wire	non noble metal	aluminium	7429-90-5	2.706	0.12	0.12	1211	1211	
encapsulation	organic material	carbon black	1333-86-4	2.249	0.10		1006		
	plastics	epoxy resin	-	205.096	9.18		91767		
	inorganic material	silicondioxide	60676-86-0	879.312	39.34	48.62	393434	486207	
leadfinish	non noble metal	tin	7440-31-5	7.942	0.36	0.36	3553	3553	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.305	0.01	0.01	136	137	
solder	non noble metal	antimony	7440-36-0	0.535	0.02		239		
	noble metal	silver	7440-22-4	1.337	0.06		598		
	non noble metal	tin	7440-31-5	3.475	0.16	0.24	1555	2392	
heatspreader	inorganic material	phosphorus	7723-14-0	0.130	0.01		58		
	non noble metal	iron	7439-89-6	0.433	0.02		194		
	non noble metal	copper	7440-50-8	432.110	19.33	19.36	193341	193593	
*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