

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R380C6	**Issued**	2. November 2015
MA#	MA001425760		
Package	PG-TO220-3-253	**Weight***	2134.48 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	4.522	0.21	0.21	2119	2119
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670	
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	copper	7440-50-8	1428.770	66.94	67.03	669376	670247
wire	non noble metal	aluminium	7429-90-5	0.821	0.04	0.04	385	385
encapsulation	organic material	carbon black	1333-86-4	3.362	0.16		1575	
	plastics	epoxy resin	-	131.114	6.14		61427	
	inorganic material	silicondioxide	60676-86-0	537.906	25.20	31.50	252008	315010
leadfinish	non noble metal	tin	7440-31-5	21.731	1.02	1.02	10181	10181
plating	non noble metal	nickel	7440-02-0	1.786	0.08	0.08	837	837
solder	non noble metal	antimony	7440-36-0	0.261	0.01		122	
	noble metal	silver	7440-22-4	0.652	0.03		305	
	non noble metal	tin	7440-31-5	1.694	0.08	0.12	794	1221
*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 does not use any exemption.

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