

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPB60R380C6	**Issued**	29. August 2013
MA#	MA000925354		
Package	PG-TO263-3-2	**Weight***	1463.01 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	0.31	0.31	3091	3091
leadframe	non noble metal	iron	7439-89-6	0.853	0.06		583	
	inorganic material	phosphorus	7723-14-0	0.256	0.02		175	
	non noble metal	copper	7440-50-8	851.691	58.19	58.27	582149	582907
wire	non noble metal	aluminium	7429-90-5	0.747	0.05	0.05	511	511
encapsulation	organic material	carbon black	1333-86-4	8.870	0.61		6063	
	plastics	epoxy resin	-	97.575	6.67		66694	
	inorganic material	silicondioxide	60676-86-0	484.917	33.15	40.43	331450	404207
leadfinish	non noble metal	tin	7440-31-5	9.657	0.66	0.66	6601	6601
plating	non noble metal	nickel	7440-02-0	0.228	0.02		156	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.02	0	156
solder	noble metal	silver	7440-22-4	0.092	0.01		63	
	non noble metal	tin	7440-31-5	0.074	0.01		51	
	non noble metal	lead	7439-92-1	3.530	0.24	0.26	2413	2527
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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