

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPB17N25S3-100	**Issued**	29. August 2013
MA#	MA000921698		
Package	PG-TO263-3-2	**Weight***	1559.52 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	4.114	0.26	0.26	2638	2638
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		195	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	copper	7440-50-8	304.026	19.49	19.52	194948	195202
wire	non noble metal	aluminium	7429-90-5	5.925	0.38	0.38	3799	3799
encapsulation	organic material	carbon black	1333-86-4	10.246	0.66		6570	
	plastics	epoxy resin	-	112.703	7.23		72268	
	inorganic material	silicondioxide	60676-86-0	560.101	35.91	43.80	359150	437988
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6192	6192
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	146
solder	noble metal	silver	7440-22-4	0.094	0.01		60	
	non noble metal	tin	7440-31-5	0.075	0.00		48	
	non noble metal	lead	7439-92-1	3.577	0.23	0.24	2294	2402
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.12	35.17	351176	351633
*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