

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EBN1001AE	**Issued**	11. December 2019
MA#	MA005410448		
Package	PG-DSO-14-43	**Weight***	149.24 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	3.321	2.23	2.23	22252	22252
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		117	
	non noble metal	zinc	7440-66-6	0.070	0.05		466	
	non noble metal	iron	7439-89-6	1.392	0.93		9326	
	non noble metal	copper	7440-50-8	56.512	37.87	38.86	378673	388582
wire	non noble metal	copper	7440-50-8	0.225	0.15	0.15	1511	1511
encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1127	
	plastics	epoxy resin	-	7.740	5.19		51861	
	inorganic material	silicondioxide	60676-86-0	76.218	51.06	56.36	510717	563705
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8216	8216
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9498	9498
glue	plastics	epoxy resin	-	0.233	0.16		1559	
	noble metal	silver	7440-22-4	0.698	0.47	0.63	4677	6236
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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