



Material Content Data Sheet



Sales Product Name		1EDN7512B		Issued		4. July 2019		
MA#		MA005347989						
Package		PG-SOT23-5-1		Weight*		16.45 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	1.383	8.41	8.41	84054	84054
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		104	
	non noble metal	zinc	7440-66-6	0.007	0.04		416	
	non noble metal	iron	7439-89-6	0.137	0.83		8319	
wires	non noble metal	copper	7440-50-8	5.557	33.79	34.67	337797	346636
	noble metal	palladium	7440-05-3	0.001	0.00		40	
	non noble metal	copper	7440-50-8	0.065	0.39	0.39	3934	3974
encapsulation	organic material	carbon black	1333-86-4	0.012	0.08		758	
	plastics	epoxy resin	-	0.954	5.80		58002	
	inorganic material	silicondioxide	60676-86-0	5.269	32.03	37.91	320336	379096
leadfinish	non noble metal	tin	7440-31-5	0.263	1.60	1.60	16007	16007
plating	noble metal	silver	7440-22-4	0.031	0.19	0.19	1880	1880
glue	plastics	acrylic resin	-	0.609	3.70		37038	
	noble metal	silver	7440-22-4	2.160	13.13	16.83	131315	168353
*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