

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDL05I06BF	**Issued**	31. March 2021
MA#	MA001371650		
Package	PG-DSO-8-53	**Weight***	80.25 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	0.952	1.19	1.19	11865	11865
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		105	
	non noble metal	zinc	7440-66-6	0.034	0.04		419	
	non noble metal	iron	7439-89-6	0.673	0.84		8388	
	non noble metal	copper	7440-50-8	27.330	34.06	34.95	340572	349484
wire	noble metal	gold	7440-57-5	0.185	0.23	0.23	2306	2306
encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1237	
	plastics	epoxy resin	-	5.359	6.68		66780	
	inorganic material	silicondioxide	60676-86-0	44.162	55.03	61.83	550316	618333
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10141	10141
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1116	1116
glue	plastics	acrylic resin	-	0.119	0.15		1486	
	noble metal	silver	7440-22-4	0.423	0.53	0.68	5269	6755
*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 Neubiberg
Internet	www.infineon.com