

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDI60I12AF	**Issued**	05. May 2021
MA#	MA001281910		
Package	PG-DSO-8-51	**Weight***	80.29 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.285	1.60	1.60	16004	16004
chip_2	inorganic material	silicon	7440-21-3	0.494	0.62	0.62	6155	6155
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.033	0.04		411	
	non noble metal	iron	7439-89-6	0.660	0.82		8218	
	non noble metal	copper	7440-50-8	26.789	33.37	34.24	333675	342407
wire	noble metal	gold	7440-57-5	0.231	0.29	0.29	2878	2878
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1838	
	plastics	epoxy resin	-	4.770	5.94		59419	
	inorganic material	silicondioxide	60676-86-0	44.262	55.13	61.25	551308	612565
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10137	10137
plating	noble metal	silver	7440-22-4	0.095	0.12	0.12	1186	1186
glue	plastics	acrylic resin	-	0.153	0.19		1907	
	noble metal	silver	7440-22-4	0.543	0.68	0.87	6761	8668
*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.
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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.

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