

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDI05I12AF	**Issued**	05. May 2021
MA#	MA001245996		
Package	PG-DSO-8-51	**Weight***	80.21 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	0.950	1.18	1.18	11840	11840
chip_2	inorganic material	silicon	7440-21-3	0.494	0.62	0.62	6161	6161
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		8226	
	non noble metal	copper	7440-50-8	26.789	33.40	34.27	333994	342734
wire	noble metal	gold	7440-57-5	0.231	0.29	0.29	2879	2879
encapsulation	organic material	carbon black	1333-86-4	0.149	0.19		1852	
	plastics	epoxy resin	-	4.803	5.99		59883	
	inorganic material	silicondioxide	60676-86-0	44.566	55.56	61.74	555617	617352
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10146	10146
plating	noble metal	silver	7440-22-4	0.095	0.12	0.12	1187	1187
glue	plastics	acrylic resin	-	0.136	0.17		1694	
	noble metal	silver	7440-22-4	0.482	0.60	0.77	6007	7701
*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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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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