

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2ED020I06-FI	**Issued**	07. April 2021
MA#	MA004565744		
Package	PG-DSO-18-2	**Weight***	591.88 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	2.463	0.42	0.42	4162	4162
chip_2	inorganic material	silicon	7440-21-3	2.175	0.37	0.37	3675	3675
leadframe	inorganic material	phosphorus	7723-14-0	0.042	0.01		71	
	non noble metal	zinc	7440-66-6	0.169	0.03		285	
	non noble metal	iron	7439-89-6	3.377	0.57		5705	
	non noble metal	copper	7440-50-8	137.116	23.17	23.78	231664	237725
wire	noble metal	gold	7440-57-5	0.594	0.10	0.10	1004	1004
encapsulation	organic material	carbon black	1333-86-4	0.877	0.15		1482	
	plastics	epoxy resin	-	40.354	6.82		68180	
	inorganic material	silicondioxide	60676-86-0	397.397	67.13	74.10	671420	741082
leadfinish	non noble metal	tin	7440-31-5	2.998	0.51	0.51	5065	5065
plating	noble metal	silver	7440-22-4	1.382	0.23	0.23	2335	2335
glue	plastics	epoxy resin	-	0.733	0.12		1238	
	noble metal	silver	7440-22-4	2.198	0.37	0.49	3714	4952
*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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